

EIGHTEENTH BIENNIAL REPORT

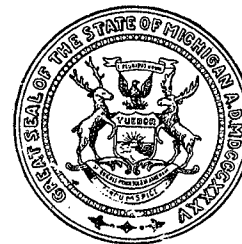
OF THE

STATE BOARD

OF

FISH COMMISSIONERS

FOR FISCAL YEARS 1907 AND 1908



BY AUTHORITY

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ERRATA

Page 102, After "Small-mouth Bass Plants, Advanced Fry" insert "*And Fry.*"

Page 104, For "Small-mouth Bass Plants, Fry," read "*Advanced Fry.*"

Pages 108, 109, 114 and 115, For "Large-mouth Bass Fry," read "*Advanced Fry.*"

Pages 114 and 115 are tables of plants from Drayton Plains Station, and 116 and 117 from Mill Creek Station.

Pages 124 to 128, inclusive, insert "*Fingerlings and Yearlings*" after "Warmouth Bass Plants" and "Warmouth Bass."

Page 133, insert the word "*Fingerlings*" after "Landlocked Salmon Plants, 1907."

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BY AUTHORITY

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1909

STATE BOARD OF FISH COMMISSIONERS.

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OFFICE OF THE BOARD.

Peninsular Bank Building, Detroit, Mich.

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EIGHTEENTH BIENNIAL REPORT OF THE MICHIGAN STATE  
BOARD OF FISH COMMISSIONERS.

*To His Excellency, the Governor:*

We herewith submit a biennial report of the work of the State Board of Fish Commissioners from July 1, 1906, to June 30, 1908, including a report from the Superintendent, to which attention is specially invited.

The Board again calls attention to the complicated condition of our fish laws and expresses the hope that some effort will be made to put them in better shape. The construction of large dams in the streams of our state attracts attention to the question of fish ladders or chutes. If such can be constructed so as to work properly, the necessity for them is obvious. As to whether or not a practical fish ladder can be constructed in a thirty foot dam is a serious question which cannot be determined with any degree of satisfaction without a most careful investigation. The Board has for the past few months been investigating the subject as well as it could do so by correspondence, but it is convinced that it should not take the responsibility of recommending fish ladders in or over high dams from its present knowledge.

We desire to call attention to the law passed by the last Legislature with reference to the closed season for speckled trout, land-locked salmon, grayling, California trout, lochleven trout or steel head trout. Before the passage of this act, the open season was from May 1st to September 1st. The act changed it from April 15th to August 15th. The Board has no accurate knowledge of the cause of the change, but it thinks that it was because of the earlier spawning season in the Upper Peninsula, where the waters become cold earlier in the season. Applied to the Lower Peninsula, we think the act produced an injurious change. The warm days in April bring the fish out of their semi-dormant state and they are ready to eat anything, and are therefore captured in large numbers. At that time they are soft and unfit for food. It is said that after the 15th of August they are heavy with spawn. It is true, but it is also true that they are very sluggish, slow to rise to a fly and slow to take bait as compared with the earlier days of spring. It is undoubtedly true that not twenty-five per cent of the number taken from the 15th of April to the 15th of May can be taken from the 15th of August to the 15th of September. It would therefore seem perfectly apparent that the depletion of fish must be very much greater in the early spring days than in the late summer days. The larger number taken in the spring would, if allowed to remain until after the 15th of May, likewise carry spawn in the late summer days when they are less liable to be taken. The best time for the open season in the Lower Peninsula would be from May 15th to September 1st, but if a longer season is thought desirable, it would be far better to extend it to September 15th than to open it earlier than May 15th; but it should be closed at least as early as September 1st in the Upper Peninsula, and should not be opened there earlier than May 1st.

It has been the constant aim of the Board to so stock our inland lakes and streams that they may produce a reasonable amount of food fishes for those who live around them, or others who desire to go there for them. To produce this result it is not only necessary to propagate and plant these waters, but to make reasonable protection to the fish after they are so planted.

The work of artificial propagation of fish is becoming understood and appreciated. This is shown by the constantly increasing number of applications for planting which come from all parts of the State. These applications are increasing more rapidly than our facilities for filling them. It would, however, take but a slight increase in our current appropriations and a moderate increase in special appropriations for a few years to enable the state to meet all demands upon it for fish planting. The increase and growth of the work of the Board was set out with considerable detail in our sixteenth and seventeenth biennial reports, covering the years 1903 to 1906, inclusive, to which we refer for general information upon the subject.

As is well known, the work of planting commercial fish in the Great Lakes has been left to the Federal authorities for the past eleven or twelve years, and the work of the State has been confined to its inland waters. This has been to the manifest advantage of the State, and we think is undoubtedly the true policy.

Our estimates for the ensuing biennial period have been made on a strictly business basis, and the amount asked for is that which will produce the best results in a most economical manner. The Board does not believe it to be a part of its duty to lobby for appropriations, but simply to lay before the Governor and the Legislature the facts as they understand them to be. There their responsibility in the matter of appropriations ends.

Of course they are willing and glad to explain any items in the estimates or any other matter connected with their administration at any time when called upon.

C. D. JOSLYN,  
GEO. M. BROWN,  
D. H. POWER,  
Commissioners.

## REPORT OF SUPERINTENDENT.

*State Board of Fish Commissioners, Detroit, Michigan:*

Gentlemen—I submit herewith a general report on the hatching and distribution of fish during the seasons 1907 and 1908, also the repairs and improvements during the same years, with recommendations for the ensuing biennial period. Some other matters in connection with the work of the Board are also touched upon.

First of all, it seems necessary to again call attention to the fact that it is a physical impossibility to supply the demand for fish with our present facilities for producing them. For a number of years the applications have annually run into the thousands, and they are constantly increasing. Fifteen or twenty years ago requests for fish for inland waters were confined almost wholly to brook trout, wall-eyed pike and German carp, with an occasional call for bass, perch, lake trout, rainbow trout, eels and grayling. Incidentally it may be stated that so far as hatcheries are concerned, German carp have fallen into disrepute and went into the discard about a dozen years ago. Eels likewise, though there is still some inquiry for them, have not been produced for more than fifteen years, for the reason that they are not generally regarded in high favor and are known to be destructive of other fish.

But calls for brook trout and black bass in particular have increased enormously; first it was a sprinkle, then a downpour and now a deluge. There is also a fast growing demand for perch and bluegills, and considerable inquiry for grass-pike, muskallunge, strawberry bass, and in fact practically all of our common food fishes. Pleas for larger shipments of bass and trout are more and more frequent and urgent, but we are compelled to diminish rather than increase the number of fish shipped to each person, and to carry forward many bass and other applications from year to year. An average of one new pond added yearly to each of our bass hatcheries helps some, but still leaves us away behind with our orders.

Applications for fish for private waters are quite frequently received, but no fish are knowingly furnished for waters other than those that are public in a fishing sense. I have always construed the term "public waters" as meaning any lake, pond, stream or river in which lawful fishing by the public is permitted, regardless of the ownership of underlying or bordering lands.

The logical and economical expansion of the producing facilities so urgently needed should for the most part be made at the hatching plants already established. The Mill Creek plant should be developed to the limit of the adjoining valley lands that are available for ponds. The output of bass and perch at this station may thus be multiplied at least three-fold, and with an increased operating expense of not to exceed 50 per cent. The same is true even to a greater extent of Drayton Plains, as there is a greater acreage available for pond development. The hatching of wall-eyed pike, perch and bluegills should also be taken up at this station. The full development of the available ground at Paris will enable us to increase our annual production of rainbow trout sufficient to meet all demands for these fish for many years to come. The production of brook trout at the Harrietta Sta-

tion may be increased at least four-fold, as there is an ample flow of spring water and sufficient ground room for ponds to do so. The development to the limit of our opportunities as indicated for the four hatching stations above noted is urgently recommended. We would then be fairly comfortable as compared with the present situation with respect to meeting the demand for black bass, brook trout, rainbow trout, wall-eyed pike and bluegills for Lower Peninsula waters. To properly take care of the demand above the Straits a large and well-equipped hatching and pond plant is urgently needed in addition to our present hatchery at the Soo. Improvements by the Government at the latter point make the future of this station quite uncertain, and it is probably only a question of time when this hatchery will have to be moved or abandoned.

The plan recommended in my report of two years ago—transferring the brood stock of brook trout from Paris to the trout hatchery at Harrietta and devoting the Paris ponds entirely to the production of rainbow trout—was recently carried out, and is unquestionably a move in the right direction. The reasons for making this change were given in detail in that report, but may again be referred to briefly.

One of the three creeks comprising the water supply at Paris, the Little Buckhorn, rises wholly on State lands, and now has an independent connection with both hatcheries, as urgently recommended in my last report. Its flow is ample to run both hatcheries to their limit, while the temperature and quality leave nothing to be desired for hatching any kind of trout. But a much larger flow is required for the ponds, so the other streams, the Cheney and Big Buckhorn, must be drawn upon. These two creeks originate a mile or more above the ponds and hence are warmer in the summer and also receive much surface water at times. In spite of the utmost efforts and painstaking care, it became more and more difficult to carry adult brook trout in this water. A game but losing fight was made. The production of spawn continued to decrease from year to year.

Rainbow trout, however, are more hardy, and thrive best in a somewhat higher temperature. The loss of the brood stock at Paris is merely nominal, the stock is accumulating rapidly and nearly fills the ponds to their capacity. The output jumped from less than 400,000 in 1907 to over 1,000,000 in 1908, and present indications are that the production of 1909 will be upwards of 2,000,000. With the development of additional hatching ponds below the present series and also in the gorge of the Big Buckhorn, this station may easily be made the greatest rainbow trout establishment in the United States.

There is some unwarranted opposition to the introduction of rainbow trout. It is true, however, that they should never under any circumstances be introduced into cold brook trout streams. Such waters are not the most congenial for rainbows any way, but to the extent that they thrive there they necessarily diminish the production of brook trout. But the middle or lower waters of many of our larger streams that were once suitable for brook trout are no longer so. Such waters, or those that are midway between what might be termed brook trout and bass waters, are admirably suited for rainbows. The claim that the latter have driven the brook trout from such territory is not in most cases well-founded. Changes of temperature and other conditions that have made such waters wholly congenial for rainbows have at the same time made them unsuitable for brook trout. The destruction of forests changes the complexion of the water courses flowing through them and drives the brook trout nearer and nearer toward

the headwaters. The middle and lower waters of such rivers as the Boardman and Pere Marquette are striking examples of the changes referred to.

In proportion to the number planted in inland waters, no species have responded with such generous results as the rainbow and steelhead trout, which for practical purposes may be regarded as the same fish. A five-pound rainbow no longer attracts special attention; an eight or ten-pounder may be noticed by the local papers; and a specimen twelve pounds and upwards is not at all certain of calling out a press dispatch. At the present time there is a mounted rainbow trout in Detroit that weighed sixteen pounds when caught. It was taken from the St. Mary's River in the summer of 1907.

The output of brook trout shows but little increase over that of the preceding biennial term. The production from the Paris ponds continued to shrink, as heretofore explained, and we were unable to procure as many eyed eggs as usual from private sources for the distribution of 1908.

The collection of brook trout eggs from pond stock at Harrietta in the fall of 1908 increased about 1,200,000 over the preceding season. Between 600,000 and 700,000 of this increase is to be credited to the station, the remainder being taken from pond stock transferred from Paris during the summer.

So much has been said in previous reports concerning the character and volume of the water supply at Harrietta that it seems quite unnecessary to again refer to it. It is sufficient to say that the development of facilities to fully utilize the magnificent flow of spring water on the premises, over 3,000 gallons per minute, will enable us to produce from 10,000,000 to 15,000,000 of trout eggs annually, making this station rank with the largest brook trout hatcheries in the world.

There was a very marked and gratifying increase in the output of bass from both Mill Creek and Drayton Plains stations, amounting in the biennial period to over one million. For the first time in their history, Mill Creek passed the million mark in 1908, and Drayton Plains the half-million. The production at Mill Creek the past season, 1,260,000, has never been equalled at any bass hatchery in the U. S. in a single season.

An account of some recent experiments made by Mr. Lydell, who is conceded to be the most successful bass culturist in this country, was reported by him as follows:

#### EXPERIMENT NO. 1.

"Owing to the large loss of eggs and fry of the small-mouthed bass at this station in former years, caused principally by the sudden changes in temperature in the ponds at spawning season, it was deemed advisable to try to carry or hold the breeding bass beyond the time when these sudden changes are apt to occur. Therefore, in the fall of 1907, pond "X"—one of the deepest ponds at the station—was selected as a storage pond, and all small-mouthed breeders at the station were placed therein. A very generous supply of minnows was also placed in this pond. In the spring of 1908 more minnows were added and a generous supply of water was allowed to flow through the pond, keeping it as cool as possible. The breeding ponds were prepared, beds put in place, and everything placed in readiness for the breeding fish. They were held in "X" pond until May 11th, when it was found by examining a few of the breeders that they could not be held with safety any longer, and they were therefore sorted and placed in the spawning ponds in the afternoon of this date. During the afternoon of the

next day following it was discovered that nearly every nest had been spawned on, and every nest produced fry, anywhere from five to ten thousand. No bad results appeared to have been caused by the holding back of the spawning operations.

"This experiment, although very successful this one year, may not prove so flattering the coming season. Therefore not until another year's experimenting along these lines has been gone through will we be able to say positively that this is a wise thing to do. More breeders have been added to the stock, another storage pond has been provided, and all the breeders are at this writing confined therein, with the intention of keeping them there until the weather has settled in the month of May, and they can be assured of carrying on their spawning operations in a temperature that is most delightful and pleasing to the parent bass, and more than gratifying to the fish culturist.

#### EXPERIMENT NO. 2.

"A great deal of thought has been given to separating the adult small-mouth bass from the fry in spawning ponds after the latter have risen from the nest. Mr. Otis Monroe, foreman of this station, advanced an idea in the spring of 1908 that looked very feasible and practical.

"Pond No. 5 was selected for this work. A poultry netting of one inch mesh was set around the entire pond about twenty feet from the shore, forming as it were a pond within a pond. The adult bass were placed in the inside enclosure with their nests set directly against the wire fence. This fence extended from the bottom of the pond to about eight inches above the water level. Every outlet was closed so that the adult bass could not get ashore. When the fry were at the stage when the parent fish ceased his parental duties, they would pass through the wire to the outside pond safe from the cannibalistic nature of the adult fish.

"This experiment was a decided success as far as separating the adult fish from the fry, but unlooked for obstacles arose. The shallow part of the pond had become in the meantime alive with tadpoles, water beetles, etc., which had been feeding upon the daphne and other water mites that should have been food for the bass. Therefore the fry did not grow as we expected. With an open pond the adult bass devour all of these obnoxious forms of life and the food for the young bass is left for them alone, so no doubt as good results will be obtained by letting the old bass mingle freely with the fry, and if they are well fed they will not disturb the fry to any extent until the latter arrive at the fingerling stage. Then, of course, they are taken out and shipped.

#### PERCH EXPERIMENTS.

"In February, 1907, we secured one hundred and twelve breeding perch from the Saginaw River and placed them in pond No. 5. In the month of April brush was placed in the pond around the shores, for the perch to spawn in, as they enter the brush and spawn mostly in the night, and hang their spawn or ribbons on this brush. Every night this spawn was gathered up and placed in the hatchery in jars, the same as with the whitefish. The eggs being in a ribbon-like mass, it was not very successful. They were all right until the third or fourth day when they arose to the surface of the jar and flowed over into the tanks unless some one was constantly on hand to keep them stirred with a feather. Extra screens that fitted down into the jar about three inches from the top were provided and worked remarkably

well until the young fry commenced to come out. At this stage the eggs had become like a mass of jelly, and the young fish, if hatched near the bottom of the jar, would swim up and become tangled in this gelatine mass and there died. If the screen was taken away, the whole mass would rise up and flow out into the tank. So many of the fry were becoming stranded on their way to the surface that it was deemed advisable to liberate the whole lot, so the jars were taken down and the eggs, fish and all, were dumped into the fry tanks. After turning the eggs into the tanks they were moved about every hour by taking a scap and moving it slowly through the tanks. This created a current and raised the eggs from the bottom of the tanks when if left they would settle in one place and the eggs and fry smother.

"This way of hatching perch, although quite successful, was not very satisfactory, as it took too much attention, and if handled in large numbers would necessitate having a large force of men constantly on hand to give them the required amount of attention to insure hatching. From these 112 perch we were successful in shipping 1,220,000 fry and 18,200 Number One fingerlings. These fingerlings were raised in the ponds at the station.

"In the year 1908 the Commission wished this work increased, so in February of this year five hundred more breeders were secured from the Saginaw River. These were placed in ponds No. 2 and No. 4, and those in pond No. 5 were transferred to the same pond. Some of the stock died during the winter, so when the breeding season came on we had 589 breeders. During the winter of 1907 and 1908, plans were made to build tanks for hatching perch eggs in.

"After running the eggs one season in jars it was decided more screen area was essential and more room needed for the eggs, so two galvanized iron tanks were built. These were 4 feet 10 inches long, 1 foot 11 inches wide and 2 feet 4 inches deep at the deepest point. They are rounding on the bottom and are fed with a three-fourths inch pipe running lengthwise of the tank, this pipe being in the bottom of the tank and perforated with two rows of small holes in such a manner that when the water comes out it strikes against the rounding part of the tank and causes a motion in the water something like the waves would create when receding after coming in contact with the shore of a lake. These tanks were fitted with screens, one at the end near the overflow, and one covering the whole bottom just above the feed pipe and another eight inches above the first or bottom screen. On these two large screens the eggs or ribbons from the perch were placed. These tanks worked splendidly and will handle about 1,000,000 eggs each. The fish when hatched are raised to the surface and carried to the overflow by the current of the tanks. Owing to the large number of eggs which we tried to handle in these tanks, many of them smothered, and we only succeeded in shipping 2,760,000 fry. We had something like 6,000,000 eggs in these tanks at one time and as soon as we discovered they were going to the bad we thinned them down to about 3,000,000, and finally decided that the hatching capacity for each tank was about 1,000,000. This number can be handled with little loss and very little trouble. Owing to the limited amount of pond room available for rearing purposes, only 1,100 fingerling perch were distributed this season."

#### DISTRIBUTING CAR.

In one respect our distributing car "Fontinalis" seems to have the proverbial cat beaten, because the cat had only nine lives; or, to put it another way, its history suggests the story of the old woman who made one pair



of stockings last twenty-five years by alternately knitting on a new pair of legs and then a new pair of feet.

Built over twenty years ago at a cost of only \$3,500.00, it was essentially light and weak as compared with the weight and strength and solidity of up-to-date rolling stock. Many years ago the body was practically rebuilt at an outlay of nearly one-half the original cost of the car. Soon afterwards it was derailed and rolled down an embankment near Traverse City. A wrecking train pulled the trucks out of the roof of the car body and conveyed the wrenched and battered remains to the shops where the damaged parts were reassembled and repaired or renewed. Putty, paint and varnish concealed the scars and bruises.

Since then it has been pounded and strained and damaged in several minor accidents, and has had a strenuous time generally. It has been in the shops scores of times and so patched and rebuilt that probably not a vestige of the original car remains. Even its name has been changed.

Although hauled in passenger trains, our car receives more hard knocks than the average baggage car or passenger coach. The reason is that when side-tracked at a junction point where the trackage is limited it is treated as a freight car and is switched and bumped and buffeted about in the making up of freight trains. In this way the couplers and platforms have been damaged or crippled many times.

Two years ago I reported the "Fontinalis" as "all in," and apparently it was. Its sills and floors were rotted and the body was so weak and loose that when rounding some curves the doors would not stay closed, while on others they could not be opened. However, it was sent to the shops in the fall of 1907 and completely stripped. New sills were put in and all decayed parts replaced, the repair bill being \$582.00. This gave it a new lease of life, three or four years perhaps, by sending it to the shops once or twice a year or as often as required.

#### FISHWAYS.

It seems to be taken for granted that all dams or barriers across a river or water course should be provided with an easy and attractive stairway for the accommodation of migratory fishes that are inclined or impelled to go upstream or down. The idea is that fish must necessarily have free range of practically the entire waterway they visit or inhabit, if maximum production and reproduction is to be realized. This is undoubtedly true with respect to salmon, shad, and all species that grow in salt water and spawn in fresh. Inevitably they would soon become extinct if impassable barriers were raised between the sea and the rivers which they ascend—sometimes hundreds of miles—before spawning.

A very different problem, however, is presented in the case of strictly fresh water fishes or those that spawn and live wholly above tidewater. Here we find that reproduction occurs under a variety of conditions, according to the species. For example, brook trout in the main migrate considerable distances from their feeding range, seeking spring runs and stony or gravelly riffles; other species, like the small-mouth bass and pickerel will spawn either in still water or a current; and still others, like the large-mouth bass, though having a preference, will spawn on most any kind of a bottom. Many species inhabiting our inland waters, but not including brook trout, appear to be local in their nature; that is, they do not need to go outside of their own water for any purpose, nor do they necessarily require any considerable area or range in which to reproduce and grow to full maturity.

Within reason, no pond or lake or river, or combination of pond or lake and river, can be so fenced off one from another, as not to afford a congenial environment and all the essentials for a permanent home for several kinds of good food fish.

No one will question the value of effective fishways in small dams in brook trout streams—dams that do not develop sufficient pond exposure to materially increase the temperature and change the general character of the waterway. But a series of high dams converting a river into a chain of artificial lakes is quite a different proposition. Already a number of such dams have been built in this State, and many more will follow. In waterways thus utilized there is no need of fish ladders so far as brook trout are concerned, for they will be driven out except in the upper waters and perhaps the first power pond of a series. Other kinds will take their place, and the aggregate production of food fish will be greatly increased under the new conditions whether fish ladders are installed or not.

Taking into consideration the kinds of fish adapted to the new situation, there is much room for doubt as to whether any advantage is to be gained by providing a passageway from one pond of a series to another. The power ponds that have been built in the Muskegon River and that are being planned for the Au Sable, Manistee and other rivers, have a head of 25 to 50 feet. Lakes of no small proportions are thus created, each having a section of the river at its head for the accommodation of fish that prefer to spawn or stay in a current.

It remains to be seen whether power ponds will invade and despoil brook trout territory to any extent. Fancy or prohibitive prices for flowage rights may check for a time and in spots what many anglers will regard as an unholy invasion, but the trend of events in this intensely practical age seems to point with certainty towards the ultimate utilization of all water energies that have any considerable commercial value. Industrial development will not be denied. Nor will industrial evolution be influenced by sentimental considerations, even though many favorite haunts of one of the gamest and most toothsome fishes in existence—"the living arrow of the white water whose dainty meat is the glancing butterfly"—be transformed into cosy homes for the plebeian rock bass and lowly bullhead. Casting sentiment aside, however, we may view the situation with complacency. With waste and sewage from factories taken care of, the creation of large reservoirs in rivers must add materially to their fishery resources, when stocked and occasionally replenished with suitable food fishes.

The whole fishway problem should be thoroughly investigated, first with reference to the necessity or advantage of fishways for certain migratory species, and second, to determine by actual trial the most efficient and economical kind or type of fish ladder for different kinds of fish and for dams of varying height.

#### POLLUTION OF WATERS.

For several years past unusual or epidemic losses of fish in streams that receive the sewage from beet sugar factories have been reported from time to time, in the press and by complaints addressed to the Board of Fish Commissioners. While in Lenawee county last fall my attention was called to an epidemic of this nature that occurred in the Raisin River during the past summer. Such wholesale destruction of fish was claimed by persons of undoubted veracity that a more thorough investigation was decided upon. Not finding time to personally go into this matter in detail, I later

placed the investigation in the hands of Asst. Superintendent Lydell; and also secured several affidavits by mail. From Mr. Lydell's report and these affidavits it will be seen that many miles of river were poisoned and plague-swept. Animals as tenacious of life as turtles were overcome and laid low. This fact alone leaves no room for doubt that practically all animal life from the lowest forms up, all fish as well as their food, perished under the same death-dealing influences. The evidence is equally as convincing and conclusive that the devastation was caused by poisonous refuse discharged into the river from the plant of a beet sugar factory at or near Blissfield.

While it appears that this refuse was turned loose in unusual volume at the time of the wholesale destruction, being the accumulation of more than one season, yet the evidence shows that the mortality continued to some extent for many weeks, and increased somewhat when the factory started up in the fall.

It may be taken for granted that there is no disposition to impose any unnecessary hardships or handicaps on important industrial enterprises, but it is time to sit up and take notice and to act promptly and vigorously when such enterprises become a constant menace to public health by polluting and poisoning our water courses. It is pertinent to inquire whether it is not entirely practicable to destroy or dispose of the refuse from such plants without in any way impairing their efficiency and without converting our streams into poisoned sewers. So far at least as beet sugar factories are concerned, it is said by those who claim to know that in Germany ample provision for the destruction of refuse and sewage is made in connection with the installation of every plant, and that this indispensable feature is merely a question of dollars and cents. If so, the question of cost should have no consideration whatever when weighed against the far-reaching consequences of stream pollution. It is not so much a question of the food value of the fish destroyed, which in some instances may be relatively unimportant, but the preservation for all time of some degree of purity in our streams and sources of water supply is a matter of vital public concern.

Below is a copy of my letter of instructions to Mr. Lydell and his report, also a copy of the affidavit secured by correspondence. Six of the latter were received. Mr. Lydell also picked up four photographs showing various phases of the epidemic. One of these shows a scow loaded with two tons of dead fish.

D. Lydell, Assistant Superintendent,  
Comstock Park, Mich.:

Dear Sir—At your earliest convenience you are to visit Deerfield, and such other points in that locality as you may find necessary for the purpose of carefully investigating the cause and extent of an epidemic loss of fish that occurred in the Raisin River last summer, and report on same at an early date. Ascertain whether previous epidemics have occurred in recent years, also whether fish are dying to any extent at the present time or have died within the past month or two. It has been reported that the odor of decaying fish became so offensive that it was necessary to hire men to bury them, and that several tons were taken from the river near Deerfield. You will notice by the enclosed clipping that substantially the same conditions prevailed at Petersburg, in Summerfield township, down the river from Deerfield. Losses are also reported at Dundee, some four or five miles below Petersburg. It is also alleged that the fish died freely above Deerfield, as far up as Blissfield, but not at all above the latter point. If this is true

there is strong presumptive evidence that there is some relation between the epidemic and the location of a beet sugar factory on or near the banks of the river, at Blissfield. Gather all the essential facts you can that have any bearing on the situation, by personal interview with eye-witnesses and those who actually collected and buried the fish. Take signed statements or affidavits whenever deemed advisable.

Enclosed find letters of introduction to those who have taken a good deal of interest in this matter and who will assist you in collecting evidence.

I judge that it will be necessary to visit all of the villages herein mentioned and possibly points above and below. Use your own judgment as to that, also as to the other points involved.

Yours very truly,

(Signed) SEYMOUR BOWER,  
Superintendent.

Mr. Seymour Bower, Superintendent Michigan Fish Commission,  
Detroit, Michigan:

Dear Sir—I beg leave to report as below, as per instructions in your letter, in regard to loss and burial of dead fish along the River Raisin in Lenawee county, Michigan.

It seems to be the general opinion of residents along said river and villages adjacent thereto that it was the refuse from the beet sugar factory at Blissfield that caused the enormous loss of fish, for the reason that no losses occurred above the said beet sugar factory.

The first place I visited was the village of Deerfield, in Deerfield township. Mr. Wm. Rusling, of this village, said in the presence of Mr. Burton that he thinks twelve or fourteen tons of fish were buried within three or four miles of this village. They were black bass, suckers, grass pike, carp, redhorse, bullheads and minnows of all descriptions. The first noticed were the fish suffering by coming to the surface and sticking out their noses, apparently seeking air. The fish when collected in some instances were loaded on to large scows, 9 feet wide and 16 feet long. They were then floated to a point where large pits had been excavated, and were there covered with lime and buried.

This point is about twenty miles by river from the sugar factory. The water in the stream was so polluted that it could not be used for any purpose, the farmers not even allowing their stock to get to the stream.

Mr. Burton has confirmed all that is said by Mr. Rusling.

Mr. E. E. Burnam, who has lived in this vicinity sixty-six years, says he never experienced anything that equalled the odor that came from these dead fish. Even the trains when passing through the village closed all the car windows.

Mr. L. A. Roberts says that there were between fifteen and twenty tons of these fish that he personally helped to bury, from only about one mile of the stream.

There were several other crews of men collecting and burying fish at this time, some of them working with dip nets that would hold upwards of twenty-five pounds of fish. These when filled would be taken ashore and immediately buried. They would average about thirty trips per day ashore.

Some few fish died in 1906, but nothing as compared with this season. This is the fourth season that the beet sugar factory has been in operation,

and no dead fish were discovered previous to the establishing of this factory, but it seems that no refuse was allowed to enter the river the first two seasons the factory was in operation.

The water in the river at the present time seems quite clear, and no dead fish are to be seen, neither are there any live ones. The bottom of the river seems to be carpeted with this refuse. It even clings to the twigs, logs and to bottom of boats, and everything that is in the water is covered with this refuse.

The most of the work of burying the dead fish was done July 29th and 30th, but dead fish were seen coming down the river until in October.

The following named persons were employed by the Township Board collecting and burying these fish. They were paid five dollars per day, and the figures were taken from the records of the Township Clerk. (Twenty-seven names are given.)

Mr. T. W. Atkins, Supervisor of Deerfield township, says, "I was personally present and worked with the above named persons while this work was going on."

Dr. Webster Bliss, Health Officer, Deerfield Township, says in part: "It was something awful; the odor was so great that you could hardly stand it to go within twenty rods of the river; that it is undoubtedly the refuse of the sugar factory at Blissfield that caused the loss of fish at this point. The first and big killing came when the company were cleaning out their vats in the latter part of July. Again the fish commenced dying when they started up their factory in the fall. When the fish first commenced dying the water was of a greenish color, but when the factory started the water was of a yellowish color."

The next point visited was Petersburg, about fifteen miles by river below Deerfield. Mr. W. Bacon says the dead fish were not as numerous at this point as at Deerfield. He secured some views of the dead fish along the river bank on July 29th, which accompany this report. He thinks there is only one cause for the fish dying, the refuse from the beet sugar factory at Blissfield. By river from here it is about thirty-five miles to the beet sugar factory.

The certificates of Chauncey Bacon, Ames Cake and Claud McCarty, of Petersburg, are attached to this report.

The following named persons worked at gathering and burying dead fish at Petersburg and vicinity along the River Raisin. (Thirteen names are given.)

Mr. Claud McCarty says no fish of any consequence died below Petersburg. Some dead fish were found below this point, but undoubtedly drifted down from the upper waters.

J. F. Stewart, a farmer at Petersburg, says the conditions were something awful; did not dare to even let his stock go to the river. Refuse even clings to ice along the river, and we do not know what we are going to do for ice the coming summer.

Mr. Charles Ulmer, Marshal at Petersburg, thinks everything in the way of fish life is gone in the Raisin River at this point. Tons of these fish were taken out and buried, both by the township and village authorities. Seven whole wagon loads were taken out of one raceway; about one ton per load. This is nothing compared to the conditions elsewhere farther up the river.

Mr. Rose, President of the Village of Petersburg, says: "Oh, the condition was something awful. It came on so quickly there was no time to do anything except to bury the fish and prevent the spreading of disease."

"When this refuse, or whatever it was, came rolling down the river like a tidal wave, apparently killing all fish life, and even the turtles, as it rolled along, I at once 'phoned all the residents along the stream that could be reached, and asked them to notify others not to let their stock get to the stream, for fear it would make them sick and kill them. The fish when fleeing before this poisonous mass appeared in great distress, as though seeking oxygen, coming to the surface continually, sticking their noses out, then rushing hither and thither, crowding up small streams in great numbers until they were jammed in and smothered."

Dr. W. A. Smith, of Petersburg, Health Officer, says: "There is no doubt in my mind but what the refuse from the sugar factory at Blissfield was the cause of the fish dying in the River Raisin at this point. Tons of fish were taken out and buried."

The next point visited was Blissfield. Mr. James Wilkinson, who lives across the street from the sugar factory, says there is at present a liquified mass running into the stream that would at least fill a four-inch tile. This is apparently the seepage from their silo and "stinks like the devil." There were plenty of fish that died below this point but none were buried here that he knows of. They were allowed to drift down stream.

Mr. A. G. Smead, farmer and acreage writer for the sugar company, said, in the presence of Messrs. Wilkinson and Staddleman, that "the sugar factory had been in operation four seasons. The first season the refuse was run into a large silo, made of planks and covering three or four acres. After the sugar factory had closed down this refuse was cleaned out and carted away. The second season the refuse was run into this silo but not cleaned out."

Instead they put in lime, intending to eat up or destroy this refuse. Apparently all it did was to liquify the whole mass. The third season the refuse was more than the silo would hold. It ran over into open ditches into the river, but not to any great extent; still some fish died this third season, or in 1907. This last summer it seems the silo had not been cleaned, but instead they tried to put more refuse in there, with the result that the whole thing broke away into the open ditches and sewers and thence into the river. This was the accumulation of two years of rotted beet pulp and lime, and the stench was something fearful. No dead fish were seen in the stream above the beet sugar factory at any time of the year.

Some legal action has been taken, I understand, by parties at Monroe and Petersburg, but not being able to ascertain exactly how far this has gone I went to the President of the Village of Petersburg. He said he would find out exactly what had been done in this direction and forward same to your office.

Respectfully submitted,  
(Signed) DWIGHT LYDELL,  
Asst. Superintendent.

COPY OF AFFIDAVIT.

"That between July 29th and August 3rd, 1908, large numbers of dead fish, consisting of carp, black bass, suckers, grass pike, or pickerel, and other kinds of fish, of various sizes and ages, were removed from the Raisin River and along its banks near the Village of Deerfield; that a part of the dead fish in question were floating, part were on or near the bottom, and many others were strewn along its banks; that many of the said fish were in an advanced stage of decomposition, creating an almost unbearable

stench for a considerable distance from the river, and that the said fish were collected and buried by the ton, it being the opinion of deponent that upwards of fifteen (15) tons of dead fish were taken from said river between a point one mile above and two miles below Deerfield."

#### THE SHEEP AND THE GOATS.

Too little attention seems to have been given to the importance and potential value of fish protection by discrimination. Bounties are paid for killing the outcasts and outlawed among animals of the forest; and the thrifty husbandman must wage war against the weeds and thistles that would choke or destroy his crops. This principle of discriminating against that which is noxious or destructive should be taken advantage of in water life whenever and wherever practicable.

Fish that rank high as food or game are persistently pursued, and often in violation of economic as well as statutory law; but dogfish and garpike and their ilk, owing to their lack of food value, enjoy an immunity that gives them an undue advantage. As the natural enemies of high grade fish they and their kind should be attacked and destroyed in every feasible way. The taking, catching or killing of coarse or objectionable or undesirable fish that prey on the spawn or young or food of fish of high rank, should therefore be authorized and encouraged under regulations that will guard against abuses.

#### REPAIRS AND IMPROVEMENTS.

The following repairs and improvements were made at the Paris hatchery in 1907 and 1908, as reported by the overseer, Mr. J. P. Marks:

1907.

*Repairs to residence on Little Buckhorn Creek, west of highway.*—Removed old and put new foundation under kitchen; enlarged cellar from 10 x 10 to 12 x 16 feet; painted and papered bed and living rooms, also kitchen; laid new floors in same; put new window in west side of wing; shingled roof on east side of upright and painted same.

*Residence on Little Buckhorn Creek east of road.*—Raised east wing and repaired foundation; laid new floors in dining room, kitchen and wood shed; built steps in front of upright, also steps and platform on east end of wing; repaired south porch and laid new floor; reshingled and painted roof of upright.

*Overseer's residence.*—Reshingled and painted roofs of upright, also of the north and west porches; put new swing door in place of sliding door at east end of wing; repaired window frames on south and west side of upright.

*Old hatchery.*—Took up old floor and raised building eight inches; put in new concrete foundation eight inches thick and from three to four inches high; laid new wood floor; put new door frame in west end, also large double doors and frame in east end; made concrete steps to front doors also 10 feet of walk 5 feet wide and 4 inches thick between old hatchery and food house.

*Ice house located opposite car house.*—This building was moved and rebuilt on a cement foundation south of the new hatchery, and enlarged from 8 x 10 feet to 10½ x 12½ feet, also painted one coat.

*Repairs to out houses and new vaults.*—Built concrete vault 6 x 10 feet 5 feet deep, with side walls 6 inches thick; put new sills, joists and floors in the out houses, also repaired the roofs; moved and set same over vaults.

*Miscellaneous.*—Fitted, painted and placed new storm windows on new hatchery. Repaired platforms and doors to car house. Made new feed tank 20 feet long and 14 inches deep, 8 inches wide, for old hatchery, and connected same with supply pipe.

*Improvements to ponds and races.*—Built and painted 26 pond shades 6 feet wide and 14 feet long.

Underbrushed and stumped land for concrete fingerling race and ditch for connecting Little Buckhorn Creek with ponds and hatchery.

Excavated for fingerling race 356 feet by 7 feet wide west of ponds, and ditch 1,010 feet long, 3 feet wide, from head of race to ditch leading from Little Buckhorn Creek to Cheney Creek so as to bring Little Buckhorn Creek water to race and present ponds.

Built one-half of proposed fingerling race or 187 feet with concrete side walls 6 inches thick and from 2 to 3 feet deep.

Connected new fingerling race with feed pipe to hatchery in order to use the Little Buckhorn water for hatching purposes, and laid 100 feet of 14 inch pump log to complete the connection.

Built concrete feed race 16 feet long, 3 feet wide, with 8 inch side walls, from creek to pond No. 1, and feed connections between ponds one and two, 10 feet long, with side walls 8 inches thick, 3 feet deep, with top and bottom 5 inches thick.

*Improvements to grounds.*—Set out 1,000 white pine, 500 spruce, 100 elm, 50 Norway pine and 50 white ash trees; graveled driveway from road to car house.

*Other general repairs.*—Repaired break in pipe used for lawn sprinkling which has burst from being frozen during winter; built two 3 x 8 iron screens for the lower wild ponds; repaired walls of feed race below railroad; repaired dam at foot of ice pond on Buckhorn Creek; repaired feed and hatching tanks in new hatchery; cleaned, stenciled and labeled all cans, also painted the inside of all rusty ones; repaired and painted hatchery floor.

1908.

*Repairs and improvements to buildings.*—Removed old paint from outside of new hatchery; sand papered, puttied and painted same two coats. Sand-papered, puttied and painted overseer's residence, food and large ice house, old hatchery, tool house, small ice house and two out houses, all one coat, and steps over railroad two coats.

Shingled and painted roof of upright of barn; made store room for lumber, etc., of shed formerly used for a cow barn.

Painted office three coats and varnished office furniture.

*Repairs and improvements to ponds and raceways.*—Built new top on dam at foot of wild pond north of hatchery.

Removed old wooden spawning races at head of ponds Nos. 1, 2, 3, 5, 6, 7 and 9, and replaced them with concrete, making the walls 8 inches thick and from 3 to 4 feet deep.

Pointed walls of ponds Nos. 1 to 10 with cement; lengthened pond No. 8 ten feet, using cobble stone laid in cement for walls.

Removed all surplus sand from ponds Nos. 1 to 12 and regraveled same.

Made 14 concrete shelves at edge of ponds for garbage boxes; took up old pump log or feed pipe to pond 2 and used same to carry surplus water from new fingerling race; made concrete box screen and slash boards at head of intake to hatchery.

Built concrete pocket at head of new concrete fingerling race 12 x 12 feet with 3 foot side walls for screens and slash boards; rebuilt old and made new covers for spawning races at head of ponds Nos. 1, 2, 3, 5, 6, 7 and 9.

Made new slash board for all new spawning and feed races also iron screens; painted all spawning race covers and running boards two coats.

*Improvements to grounds.*—With the surplus sand taken from ponds, graded between driveway and fence in upper grove.

Raised ground around ponds Nos. 1 to 10 and resodded same.

Repaired and rebuilt 40 feet of cement walk 5 feet wide and 4 inches thick between old hatchery and food house.

Set out 50 ornamental shrubs around grounds, and hedge from overseer's residence to highway.

*Other general repairs.*—Painted democrat wagon; repaired and painted all ladders and put in new rungs; repaired pond shades; put new floor in horse stable.

Painted and varnished kitchen, dining room and parlor floors in overseer's residence.

Removed and replaced broken window lights in old and new hatcheries. Made screen and slash boards for intake to hatchery; painted storm windows to hatchery and overseer's residence.

Painted two lumber wagons, one pair of sleighs and pung, also varnished buggy and democrat wagon.

Repaired and painted all spawning racks for ponds; repaired and rewired 250 fish trays.

*Number and size of buildings and what they are used for.*

- 1 Hatchery known as new hatchery, 40 x 82 feet.
- 1 Hatchery known as old hatchery, 20 x 60 feet.
- 1 Ice house, 18 x 18 feet.
- 1 Ice house, 10½ x 12½ feet.
- 1 Food house, also used for paint shop, 18 x 24 feet.
- 1 Tool house, 10½ x 12½ feet.
- 1 Storage shed, 14 x 20 feet.
- 1 Barn, 24½ x 30 feet, with shed 14 x 24½ feet.
- 1 Overseer's residence, upright 28 x 30 feet, wing 20 x 30 feet.
- 1 Corn crib, 6½ x 16½ feet.
- 1 Employees' residence on Little Buckhorn Creek, 20 x 26½ feet.
- 1 Employees' residence on Little Buckhorn Creek, Upright 16 x 24 feet, wing, 20½ feet.
- 1 Barn, 20 x 38 feet.
- 1 Car house, 20 x 80 feet.
- 6 Outhouses, 4 x 6 feet each.
- 1 14-ft. windmill, 40 feet high from ground to pump water for tank.
- 1 Water tank, base 16 feet from ground, 12 feet deep and 16 feet in diameter.

MILL CREEK.

The following repairs and improvements were made at Mill Creek station during the years 1907 and 1908, as reported by Mr. Lydell:

The permanent improvements at this station have not been very many on account of the small amount of moneys available, although some new work has been done. One new building has been erected for a wagon shed

and storage room, which is 32 feet long by 18 feet wide, and is 13 feet 6 inches high, with a good cement foundation. The upper part of this building is used for storing purposes and the lower part is open on one side and is used for wagons, boats, etc. It has been given one coat of paint and the roof was treated to one coat of shingle stain.

The barn at this station when built was to be used for mainly storage. It was only one story high. The roof of this building has been raised four and one-half feet, making a loft for hay, grain, etc.

Two new boats have been built 14 feet long and 3 feet wide. These boats are used for collecting fry from outside waters. Six of these boats are now in use at this station during the collecting season.

Three retaining screens for use while collecting fry from outside waters were built in 1907. These screens are 6 feet long, 2 feet wide and 2 feet deep, and are covered with galvanized wire of about one-eighth inch mesh.

Four new collecting cans have also been bought. These cans are larger than the common can used for shipping, and are made with a double cover, the outer one being about 6 inches deep. While shipping fish these covers are filled with ice.

Two new galvanized tanks to be used in boats when taking fry from lake or pond have been purchased.

An extension to the chimney at the dwelling has been put up.

A small shanty or camp has been erected at Duck Lake collecting station. This is 12 x 20 feet, is one story high and built of rough lumber, and the roof covered with "Rubberoid" roofing. It is only used about four weeks each season, taking the place of tents that were used prior to the erection of this camp.

One coal stove was purchased for the office.

Two acres of land were purchased from the H. D. Plumb Estate adjoining the present property owned by the Commission. In the winter of 1907 the brush, etc., was cleared from this property, but as no more funds were available, nothing further was done.

Thirty grape vines were purchased and set at intervals along the Page wire fence on the west side of the grounds. Some other shrubbery, such as spirea and hardy hydrangeas have been set out.

One fry tank 12 feet long, 3 feet wide and 2 feet deep was built for perch, and two tanks for hatching perch eggs in were made of galvanized iron. These galvanized tanks are 4 feet 10 inches long, 1 foot 11 inches wide and 2 feet 4 inches deep. Owing to the lack of room in the present hatchery, a platform was constructed on the lawn in front of the building on which this tank and hatching apparatus was placed.

A connecting pipe has been put in from pond No. 1 to pond No. 3. This is a 5-inch iron pipe, and was put in to furnish water to ponds Nos. 3 and 5, while pond No. 4, from which they formerly derived their water supply, was being cleaned. Ponds No. 2 and No. 4 were formerly connected by a narrow neck of water. This neck has been filled in, two separate ponds resulting therefrom, making a wintering or retaining pond of No. 2. A 6-inch iron pipe connecting ponds No. 2 and No. 4 was also put in, with a raceway in pond No. 2. The raceway in pond "D" has been replaced with a new one. The old one was about rotted away.

The main dam at this station has been repaired several times in the last two years, but only temporarily. The east side was replaced with concrete in the latter part of 1907. It is in very poor condition and in immediate need of further repairs.

The springs from which we derive our spring water supply have to be cleaned several times each season. These should be walled up and a concrete bottom put in. The boiler and pump at this station is repaired and inspected once each season.

The screens at the dwelling have been repaired, new wire furnished where needed, and all have been painted.

The roof of the hatchery and ice house have been given two coats of good roof paint.

The wall on the north side of the creek where injured by flood has been repaired and put in good condition. The creek below the present dam became clogged with flood-wood, etc. This has all been cleaned out, the brush cut away and a good wide opening made to allow the water to get away quickly.

The bottom of the old fry tanks in the hatchery rotted away, and have been replaced with cement.

The banks of pond No. 7 have been riprapped with stone to prevent washing away by the waves.

A new base has been put in for the flag pole and the pole painted.

New truss rods have been put on the foot bridge.

All screens for tanks, ponds, etc., have been repaired and painted and put in good condition.

The main pump log that furnishes water to the ponds has been repaired several times in the last two seasons, but is in a dangerous condition and should be replaced.

All cans have been painted inside and the numbers renewed, about six hundred in number.

#### DRAYTON PLAINS.

The following repairs and improvements were made at the Drayton Plains Station during the biennial period ending December 31, 1908, as reported by the overseer, Mr. J. L. Brass.

#### 1907.

*Fencing.*—About 240 rods of wire fence were built, with gates where necessary. This practically completes the boundary lines of the property and includes the enclosure of about four acres of high land now devoted to orchard, hay-field and pasturage for horse after the hay crop is harvested.

*Tree planting.*—In early spring of this year trees were set out for shade and improvement. A list of the number and kind is as follows: Oak, quite large, 2; silver leaf maple, eight year old stock, 36; American elm, two year old stock, 100; catalpa, two year old stock, 50; spruce, seedlings, 100; pine, seedlings, 500; Norway pine, two year old stock, 50.

Great care was exercised in setting out these trees to insure their successful and rapid growth.

*New Barn.*—A new horse barn was also built this year. This was built of cement blocks made on the grounds in a mould purchased for the purpose. An excellent grade of gravel for this work was found when excavating for the barn foundations.

#### 1908.

*Ponds.*—Two new ponds were added to the number this year, making a total of nine. They range in size from 20 x 75 ft., to 225 x 550 ft. The

waters in them vary in depth from 1 ft. to 11 ft. Their total area equals 5.15 acres.

*Miscellaneous Improvements.*—Gravel driveways have been built through the grounds wherever continued driving and trucking have made them necessary.

One thousand feet of public highway that crosses the grounds is kept free from weeds and grass and kept in repair by this station.

The grounds about the buildings have now been graded uniformly and grass is nicely growing on most of it. The poorest portions of the lawn are annually fertilized with rich black muck and other fertilizers.

The banks of the ponds have been repaired as needed and paved with stone below the water line as time permitted.

Extension screens have been provided for all inlets and outlets to ponds. The equipment was painted and repaired when necessary.

#### Number and size of Buildings.

*Overseer's Dwelling.*—Brick and wood; brick part low two-story, 20 x 30 ft.; wood part upright, low two-story, 16 x 20 ft., on north end of brick part; a kitchen built on east side of wood part, 12 x 14 ft.; a wood shed east of kitchen 14 x 14 feet.

*Hatchery Building.*—Large square-timber frame two-story 28 x 48 ft.; on ground floor a room 10 x 16 feet is partitioned off for office; another room 12 x 20 feet is used for ice house; balance of this floor is used for storage of wagons, cans and small tools. Second floor has Commissioners' room, 12 x 18 feet; workshop 14 x 36 feet; balance a general store room fitted with net and clothes lockers. Large attic used for storage of light equipment.

*Horse Barn.*—Built of cement blocks, two-story, 18 x 32 feet, with basement under all. Basement used for storage of light tools, fuel, etc. Ground floor is fitted with enclosed box stall for horse, 9 ft. x 12 ft. Harness and robe room underneath stairway. Balance of floor used for carriage room. A good well of water on this floor. Upper story used for hay, straw and grain bin.

*Boat House.*—One-story frame 16 x 24 feet, containing five boats, one steel row boat and four small flat-bottomed boats built of wood and used for pond and field work.

#### SAULT STE. MARIE.

The following repairs and changes were made during the biennial period, as reported by Mr. H. H. Marks, overseer.

*Changes in Water Supply and Waste.*—In September, 1907, the forebay of the old Edison Power Plant was abandoned and the water cut off at the railroad trestle above, making it necessary to change the connection of our twenty-inch main from the old to the new forebay. In anticipation of this change a section of the water main was laid the year previous, before the embankment was made.

In April, 1908, Mr. L. C. Sabin, General Superintendent of St. Mary's Falls Canal, notified me that the Government would shortly commence to build a cofferdam, which would shut off our water supply. By June first the water supply from our twenty-inch main was cut off by the construction of a clay dam near our intake. In anticipation of the water supply being cut off, the pond fish had previously been transferred and the ponds

abandoned, and we were forced to plan for a new supply and waste for the hatchery proper. These changes had to be made, as the clay dam entirely surrounded the hatchery and grounds. The ponds could not be used, nor could any water be discharged into the enclosure, as it would leak into the lockpit and have to be pumped out. It was therefore decided to lay a five-inch feed pipe from the south penstock of the new Edison plant to the hatchery, also a six-inch tile sewer from the hatchery to the tailrace. Both the feed and sewer pipes were necessarily carried over the top of the clay dam.

*Roofing and Other Repairs.*—In September, 1907, a contract was let for roofing the hatchery with Paroid paper roofing, and this work was completed about the middle of October. Three of the living rooms were papered and a hardwood floor was laid in the sitting room.

*Transfer of Pond Stock.*—The fingerling and yearling brook trout were transferred to Paris in October, 1907, and the adult brook and rainbow trout to the Government Park ponds.

#### *Number and size of Buildings.*

*Main Hatchery.*—Building 40 x 80 feet and two stories high. The ground floor is divided into two hatching rooms, an office and hallway. One hatching room is equipped for hatching whitefish and lake trout. The battery and tanks for whitefish have a capacity of 40,000,000. This room also contains six Clark hatching troughs for lake trout, having a capacity of 4,000,000. The other hatching room is used for trout exclusively, and has a capacity of 5,000,000. The east half of the second story contains six living rooms, occupied by the overseer; the west part of this story is used as a storeroom and carpenter shop. On the east end of the hatchery there is a wing 24 x 30 feet, used for the heating plant, coal bin, ice house, refrigerator, and apparatus for cutting fish food.

*Recommendations.*—On account of negotiations by the Government, which may sooner or later result in permanently cutting off our water supply, I recommend that no improvements or repairs be made for the present.

#### HARRIETTA.

The following repairs and improvements were made at Harrietta, as reported by the overseer, G. C. Dickerson.

1907.

*Improvements to Supply Canal from Slagle Creek to Ponds.*—This canal is 580 feet long. During the summer the sides of the canal were sloped and the top of the banks graded. A concrete bulkhead was built at the head of the canal, also a concrete dam near the foot, to raise the level above the intakes to fry races.

*New Feeding Races for Fry.*—Four new fry races, each 150 feet long and 3½ feet wide, were built of concrete, with a three-foot concrete walk between each race. A 10 x 18 ft. concrete apron was built at the outlet, and a concrete wall on both sides of the feed canal at the head, each 30 feet long. On account of the lay of the ground and of its being mucky and springy, an unusual amount of excavation was necessary; also refilling with sand to make a suitable foundation.

*Miscellaneous.*—Made pond shades and 23 covers for fry races and 10 for spawning races, all painted two coats.

1908.

*New Ponds.*—Built six concrete ponds, each 5 feet wide, 3 feet deep and 82 feet long, with concrete bulkheads at foot connecting with a series of ponds below on a lower level. A concrete walk 5 feet wide is laid across the head of the lower ponds, with steps leading to the highway. The walls of the ponds on the lower level have only been commenced, but the foundations are laid throughout. A large amount of excavating and refilling was required. To strengthen the foundation and bridge quicksand pockets a row of cedar piles was driven on the line of every wall.

*Miscellaneous Repairs and Improvements.*—The ground around the fry races built last fall was graded and sodded, and the cover frames were tarred two coats.

The banks of the pond west of the hatchery were sloped and sodded. A concrete raceway, 4 feet wide and 23 feet long, was built at the head of this pond, also a concrete waste box and flume at the outlet.

A concrete foundation wall was built under the hatchery, and the ground floor room was ceiled overhead. An office was partitioned off in the second story and painted two coats. The hatchery was painted two coats inside and three coats outside. Four new fry troughs were made.

A number of new pond shades were made for ponds north of the highway, also two bulkheads to inlets, with screens for same.

Two carloads of cobblestone have been delivered and placed along the banks of the canal connecting Slagle Creek with the ponds. These are to be used to pave the bottom of the canal to prevent washing. The bottom is of muck or quicksand nearly all the way.

The unsightly sand bluff in front of the residence has been graded down and sodded, and a stone gutter laid between the sodding and the highway.

There are three buildings on the premises, viz: A two-story hatchery, 26 x 38 feet; a barn 20 x 24 feet; and a cottage 28 x 40 feet with an addition 22 x 26 feet.

#### DETROIT.

Under the terms of our lease to the Bureau of Fisheries, all repairs and improvements at the Detroit hatchery are made at the expense of the government.

Extensive as well as expensive improvements were made during the past two years. One of the whitefish batteries, comprising one-half of the hatching facilities of the entire plant, was rebuilt complete, including foot tanks. The eight large tanks in the tank room, covering practically the entire storage capacity for fry, were likewise replaced with new tanks and connections complete.

#### DISTRIBUTION.

Below is a table showing the total output for the years 1907 and 1908, which is all that could reasonably be expected from our facilities in their present stage of development:

#### *Season of 1907.*

Brook trout, fry.....	7,257,500
Rainbow trout, fry.....	344,000
Rainbow trout, fingerlings.....	60,900
Lake trout, fry.....	2,082,000

Wall-eyed pike, fry.....	46,045,000
Large-mouth bass, advanced fry.....	446,000
Large-mouth bass, fingerlings.....	323,250
Small-mouth bass, fry.....	106,000
Small-mouth bass, fingerlings.....	64,600
Warmouth bass, fingerlings.....	74,550
Perch, fry.....	1,220,000
Perch, fingerlings.....	19,325
Bluegills, fingerlings.....	4,600
Grass pike, fingerlings.....	150
Landlocked salmon, fingerlings.....	6,500
Steel-head trout.....	11,000
	<hr/>
	58,083,375

*Season of 1908.*

Brook trout, fry.....	4,903,000
Brook trout, fingerlings.....	117
Rainbow trout, fry.....	1,070,000
Rainbow trout, fingerlings.....	49,000
Lake trout, fry.....	1,057,000
Wall-eyed pike, fry.....	42,875,000
Large-mouth bass, advanced fry.....	1,011,000
Large-mouth bass, fingerlings.....	380,050
Small-mouth bass, fry.....	338,000
Small-mouth bass, fingerlings.....	51,400
Perch, fry.....	2,720,000
Perch, fingerlings.....	8,175
Perch, yearlings.....	350
Perch, adults.....	100
Warmouth bass, fingerlings.....	64,600
Landlocked salmon, fry.....	5,824
Landlocked salmon, yearlings.....	81
Sunfish, fingerlings and adults.....	700
Bluegills, fingerlings and adults.....	700
Grass pike, fingerlings and adults.....	600
	<hr/>
	54,535,697

The term "fry" in the above table refers to fish that have lost the food sac, or nearly so, and are ready to swim up freely and take food. The time required to absorb this sac varies greatly, according to species and water temperatures. In the case of brook trout the sac is relatively large and disappears slowly in the cool or cold water in which the young are carried; hence they are several weeks old when shipped out as fry. The food sac of young black bass and wall-eyed pike is absorbed in a few days. Whitefish, though hatched in cold water, also shad that are hatched in quite warm water, have a food sac so small that the fish swim up freely immediately after hatching.

"Advanced fry" covers the period between the absorption of the food sac or the end of the fry stage until a length of one inch is reached. This is the first feeding stage.

"Fingerlings" mean fish from one inch long to one year old; fingerlings

No. 1 are fish between one and two inches in length; fingerlings No. 2 are fish between two and three inches in length, and so on up to fish one year old.

The above standard was unanimously adopted at the annual meeting of the American Fisheries Society in 1905, on the recommendation of a Committee of which I was a member.

## RECOMMENDATIONS.

I urgently advise that the general plan of expansion and advancement indicated in the opening pages of this report be carried out at the earliest possible date. There are also many hold-over repair items to be taken care of, the urgent nature of which has been explained in detail in former reports.

A number of repairs, such as a new dam and water main at the Mill Creek plant, and new roofs, floors and tanks at Paris, have reached the emergency stage. Every item in the nature of repairs and improvements and extensions included in the estimates for the ensuing biennial period should be approved and provided for. Ranking in importance are the emergency items that are indispensable to the safety and protection of our water supply, hatchery and pond equipment. Next in importance is the addition of every facility that bears directly on increased production, that the supply of young fish may be brought within hailing distance of the demand. If disallowances must be made or items carried forward, let them be such as do not immediately affect production, however desirable and necessary they may be from the standpoint of convenience or long range economies. Under present conditions it will be better by far that lawns should go unmowed and buildings unpainted than to interfere with the production of increased numbers of food and game fishes of the right kind and size.

Respectfully submitted,

SEYMOUR BOWER,  
Superintendent.



## STATE BOARD OF FISH COMMISSIONERS.

Estimates for appropriation for fiscal year ending June 30, 1910, and June 30, 1911.

## CURRENT EXPENSES, YEAR ENDING JUNE 30, 1910.

COMMISSIONERS.	
Traveling expenses to attend meetings of the Board, to inspect stations and to perform other duties as Commissioners.....	\$1,000 00
OFFICE.	
Rent, 12 months @ \$70.....	\$840 00
Stenographer, 12 months @ \$60.....	720 00
Clerk, 52 weeks @ \$10.....	520 00
Stationery and printing.....	400 00
Rent of telephone, 12 months @ \$7.....	84 00
Telegraph, telephone (long distance) and miscellaneous expenses.....	100 00
	\$2,664 00
SECRETARY.	
Salary.....	\$1,800 00
Traveling expenses and subsistence.....	50 00
	\$1,850 00
SUPERINTENDENT.	
Salary.....	\$2,000 00
Traveling expenses and subsistence.....	300 00
	\$2,300 00
TRAVELING AND SPECIAL AGENT.	
Salary.....	\$900 00
Traveling expenses and subsistence.....	900 00
	\$1,800 00

Estimates for current operating expenses, current repairs and special improvements for State Fish Hatcheries and distributing car, for biennial period ending June 30, 1911.

## CURRENT EXPENSES FOR THE FISCAL YEAR ENDING JUNE 30, 1910.

## PARIS STATION.

(For hatching and distributing brook trout, rainbow trout and lake trout.)

Overseer, 12 months @ \$95.....	\$1,140 00
One assistant, 12 months @ \$65.....	780 00
One assistant, 12 months @ \$60.....	720 00
Two assistants, 12 months @ \$50 each.....	1,200 00
One night-watchman, 12 months @ \$50.....	600 00
Temporary labor and extra messenger service.....	300 00
Fish food.....	600 00
Subsistence for team.....	150 00
Traveling and miscellaneous expenses to distribute fish by messengers.....	300 00
Fuel and light.....	250 00
Telephone, telegraph, miscellaneous and incidental.....	250 00
Rebuilding 4 spawning races and 4 sluiceways below railroad, concrete work	350 00
Supply race below railroad, concrete.....	200 00
Concrete floor for main hatchery, including foundation and gutters.....	300 00
New feed tank and hatching troughs for main hatchery.....	250 00
New roof for main hatchery, old hatchery, and tool and food houses, a total of 7,700 square feet of roofing.....	300 00
Painting raceways, fences, water tank, windmill, pond shades and ten buildings.....	250 00
General current repairs to ponds, tanks, troughs and buildings, not included in above.....	100 00
	\$8,040 00

## MILL CREEK STATION.

(For hatching and distributing large-mouth black bass, small-mouth black bass, wall-eyed pike, yellow perch and Warmouth bass.)

Overseer, 12 months @ \$125.....	\$1,500 00
One assistant, 12 months @ \$65.....	780 00
One assistant, 8 months @ \$50.....	400 00
Three assistants 4 months @ \$50 each.....	600 00
One night-watchman, 6 months @ \$50.....	300 00
Extra temporary labor for general messenger and field work during season of collecting and distributing bass.....	200 00
Fuel and light.....	150 00
Fish food.....	200 00
Traveling and incidental expenses to distribute fish by messengers.....	600 00
Collecting stock fish.....	50 00
Subsistence for horse.....	75 00
Telephone, telegraph, miscellaneous and incidental.....	300 00
Current repairs to ponds, buildings and equipment.....	200 00
One heavy wagon.....	50 00
One spring wagon.....	75 00
	\$5,480 00

## DRAYTON PLAINS STATION.

(For hatching and distributing large-mouth black bass and small-mouth black bass.)

Overseer, 12 months @ \$90.....	\$1,080 00
One assistant, 12 months @ \$60.....	720 00
Two assistants, 8 months @ \$50 each.....	800 00
Extra temporary labor and messenger service during hatching and distributing season.....	200 00
Collecting stock fish.....	50 00
Fish food.....	50 00
Fuel and light.....	75 00
Subsistence for horse.....	75 00
Current repairs to equipment, ponds and buildings.....	100 00
Traveling and incidental expenses to distribute fish by messengers.....	250 00
Telegraph, telephone, miscellaneous and incidental.....	200 00
New roof for main building.....	50 00
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	\$3,650 00

## HARRIETTA STATION.

(For hatching and distributing brook trout.)

Overseer, 12 months @ \$90.....	\$1,080 00
One assistant, 12 months @ \$50.....	600 00
One assistant, 12 months @ \$45.....	540 00
One night-watchman, 12 months @ \$50.....	600 00
Temporary labor during distribution season.....	100 00
Fish food.....	600 00
Fuel and light.....	100 00
Traveling and miscellaneous expenses for distributing fish by special messengers.....	150 00
Subsistence for horse.....	75 00
Current repairs to equipment and buildings.....	100 00
Telephone, telegraph, miscellaneous and incidental.....	200 00
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	\$4,145 00

## SAULT STE. MARIE STATION.

(For hatching and distributing brook trout, rainbow trout, lake trout, wall-eyed pike and land-locked salmon.)

Overseer, 10 months @ \$110.....	\$1,100 00
One assistant, 12 months @ \$60.....	720 00
One assistant, 7 months @ \$50.....	350 00
One night-watchman, 5 months @ \$50.....	250 00
Temporary labor for messenger and other work during season of distribution.....	200 00
Fish food.....	50 00
Fuel and light.....	400 00
Traveling and miscellaneous expenses of messengers distributing fish.....	200 00
Telegraph, telephone, miscellaneous and incidental.....	150 00
Repairing hull and machinery of steam launch.....	100 00
For collecting and hatching wall-eyed pike and yellow perch.....	200 00
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	\$3,720 00

## DETROIT STATION.

(For hatching and distributing wall-eyed pike.)

Four men, two months @ \$50 each.....	\$400 00
Two men, 1 month @ \$50 each.....	100 00
Traveling and incidental expenses for distributing fish by messengers.....	200 00
Water rates.....	50 00
Drayage and incidentals.....	100 00
	<hr/>
	\$850 00

## DISTRIBUTION OF FISH BY STATE CAR "FONTINALIS."

Car captain, 6 months @ \$70.....	\$420 00
Two messengers, 6 months @ \$50 each.....	600 00
One cook, 6 months (a regular man from Paris Station).....	0 00
Subsistence for crew of four, 6 months each.....	500 00
Telegrams and incidentals.....	100 00
Traveling expenses of messengers on side trips from car.....	300 00
Fuel and light.....	50 00
Current repairs to body and trucks.....	150 00
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	\$2,120 00

## SPECIAL CAR SERVICE.

Rent of baggage car, 30 days @ \$5.....	\$150 00
One man, 1 month.....	60 00
Two men, 1 month @ \$50 each.....	100 00
Subsistence of crew.....	60 00
Traveling expenses of messengers on side trips from car.....	50 00
Fuel and light.....	10 00
Telegrams and incidentals.....	25 00
	<hr/>
	\$455 00

## CURRENT EXPENSES FOR THE FISCAL YEAR ENDING JUNE 30, 1911.

## COMMISSIONERS.

Traveling expenses to attend meetings of the Board, to inspect stations and to perform other duties as commissioners.....	\$1,000 00
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## OFFICE.

Rent, 12 months @ \$70.....	\$840 00
Stenographer, 12 months @ \$60.....	720 00
Clerk, 52 weeks @ \$10.....	520 00
Stationery and printing.....	400 00
Rent of telephone, 12 months @ \$7.....	84 00
Telegraph, telephone (long distance) and miscellaneous expenses.....	100 00
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	\$2,664 00

## SECRETARY.

Salary.....	\$1,800 00
Traveling expenses and subsistence.....	50 00
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	\$1,850 00

## SUPERINTENDENT.

Salary.....	\$2,000 00
Traveling expenses and subsistence.....	300 00
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	\$2,300 00

## STATISTICAL AND SPECIAL AGENT.

Salary.....	\$900 00
Traveling expenses and subsistence.....	900 00
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	\$1,800 00

## PARIS STATION.

Overseer, 12 months @ \$95.....	\$1,140 00
One assistant, 12 months @ \$65.....	780 00
One assistant, 12 months @ \$60.....	720 00
Two assistants, 12 months @ \$50 each.....	1,200 00
One night-watchman, 12 months @ \$50.....	600 00
Temporary labor and extra messenger service.....	300 00
Fish food.....	600 00
Subsistence of team.....	150 00
Traveling and miscellaneous expenses to distribute fish by messengers.....	300 00
Fuel and light.....	250 00
Telephone, telegraph, miscellaneous and incidental.....	250 00
Enlarging one pond and building spawning race for same, concrete work.....	125 00
Two concrete foot bridges.....	75 00
One concrete wagon bridge below railroad.....	50 00
Hatching troughs for main hatchery.....	250 00
Concrete gutter around hatchery.....	75 00
Concrete foundation and floor for storage shed.....	75 00
Concrete foundation for barn.....	100 00
Concrete foundation for food house.....	100 00
Concrete sidewalk and steps from residence to hatchery and tool house to shed.....	60 00
500 feet $\frac{3}{4}$ -inch lawn hose.....	100 00
To finish painting raceways, fences, water tank, windmill, pond shades and ten buildings.....	300 00
General current repairs to ponds, tanks, troughs and buildings, not included in above.....	100 00
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	\$7,700 00

## MILL CREEK STATION.

Overseer, 12 months @ \$125.....	\$1,500 00
One assistant, 12 months @ \$65.....	780 00
One assistant, 8 months @ \$50.....	400 00
Three assistants, 4 months @ \$50 each.....	600 00
One night-watchman, 6 months @ \$50.....	300 00
Extra temporary labor for general messenger and field work during season of collecting and distributing bass.....	200 00
Fuel and light.....	150 00
Fish food.....	200 00
Traveling and incidental expenses to distribute fish by messengers.....	600 00
Collecting stock fish.....	50 00
Subsistence for horse.....	75 00
100 steel clad 10-gallon cans @ \$3 each.....	300 00
Telephone, telegraph, miscellaneous and incidental.....	300 00
Painting buildings and current repairs to ponds, buildings and equipment.....	400 00
Concrete foundation for barn.....	60 00
Additional sheet piling along river bank below concrete wall and at other points.....	600 00
Concrete abutments and new planking for iron bridge.....	75 00
Concrete border for ponds to prevent washing and destruction of banks.....	600 00
Hot water tank for residence.....	40 00
Lighting plant for hatchery and residence.....	175 00
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	\$7,405 00

## DRAYTON PLAINS STATION.

Overseer, 12 months @ \$90.....	\$1,080 00
One assistant, 12 months @ \$60.....	720 00
Two assistants, 8 months @ \$50 each.....	800 00
Extra temporary labor and messenger service during hatching and distributing season.....	200 00
Collecting stock fish.....	50 00
Fish food.....	50 00
Fuel and light.....	75 00
Subsistence for horse.....	75 00
Current repairs to equipment, ponds and buildings.....	100 00
Traveling and incidental expenses to distribute fish by messengers.....	250 00
Telegraph, telephone, miscellaneous and incidental.....	200 00
100 steel clad 10-gallon cans @ \$3 each.....	300 00
Inside sheeting for main building.....	50 00
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	\$3,950 00

## HARRIETTA STATION.

Overseer, 12 months @ \$90.....	\$1,080 00
One assistant, 12 months @ \$50.....	600 00
One assistant, 12 months @ \$45.....	540 00
One night-watchman, 12 months @ \$50.....	600 00
Temporary labor during distribution season.....	100 00
Fish food.....	600 00
Fuel and light.....	100 00
100 steel clad 10-gallon cans @ \$3 each.....	300 00
Traveling and miscellaneous expenses for distributing fish by special messengers.....	150 00
Subsistence for horse.....	75 00
Painting residence and current repairs to equipment and buildings.....	150 00
Telephone, telegraph, miscellaneous and incidental.....	200 00
Additional hatching troughs and egg trays.....	100 00
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	\$4,595 00

## SAULT STE. MARIE STATION.

Overseer, 10 months @ \$110.....	\$1,100 00
One assistant, 12 months @ \$60.....	720 00
One assistant, 7 months @ \$50.....	350 00
One night-watchman, 5 months @ \$50.....	250 00
Temporary labor for messenger and other work during season of distribution.....	200 00
Fish food.....	50 00
Fuel and light.....	400 00
Traveling and miscellaneous expenses of messengers distributing fish.....	200 00
Telegraph, telephone, miscellaneous and incidental.....	150 00
Painting buildings, outside and inside, two coats.....	200 00
For collecting and hatching wall-eyed pike and yellow perch.....	200 00
For labor and material for extending trolley track from hatchery to foot of rapids.....	400 00
One gas engine for car.....	200 00
Dock for boat landing.....	100 00
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	\$4,520 00

## DETROIT STATION.

Four men, 2 months @ \$50 each.....	\$400 00
Two men, 1 month @ \$50 each.....	100 00
Traveling and incidental expenses for distributing fish by messengers.....	200 00
Water rates.....	50 00
Drayage and incidentals.....	100 00
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	\$850 00

## DISTRIBUTION OF FISH BY STATE CAR "FONTINALIS."

Car captain, 6 months @ \$70.....	\$420 00
Two messengers, 6 months @ \$50 each.....	600 00
One cook, 6 months (a regular man from Paris Station).....	0 00
Subsistence for crew of four, 6 months each.....	500 00
Telegrams and incidentals.....	100 00
Traveling expenses of messengers on side trips from car.....	300 00
Fuel and light.....	50 00
Current repairs to body and trucks.....	350 00
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	\$2,320 00

## SPECIAL CAR SERVICE.

Rent of baggage car, 30 days @ \$5.....	\$150 00
One man, 1 month.....	60 00
Two men, 1 month @ \$50 each.....	100 00
Subsistence for crew.....	60 00
Traveling expenses of messengers on side trips from car.....	50 00
Fuel and light.....	10 00
Telegrams and incidentals.....	25 00
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	\$455 00

## SPECIAL IMPROVEMENTS FOR THE FISCAL YEAR ENDING JUNE 30, 1910.

## PARIS STATION.

To complete cement raceway above present ponds.....	\$150 00
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## MILL CREEK STATION.

Rebuilding dam and replacing water main connecting same with bass ponds To construct bass ponds on two acres of land below and adjoining present ponds.....	\$3,000 00
	1,000 00
	<hr/>
	\$4,000 00

## DRAYTON PLAINS STATION.

360 feet 20-inch sewer pipe to care for surplus water from Judd's Creek during freshets.....	\$360 00
New ponds and connections for increasing output of black bass.....	1,000 00
	<hr/>
	\$1,360 00

## HARRIETTA STATION.

To complete six ponds north of hatchery and grade around same.....	\$500 00
To pave spring water canal and provide concrete dam at head, across Slagle Creek.....	500 00
Series of ponds north of highway.....	1,000 00
	<hr/>
	\$2,000 00

## SPECIAL IMPROVEMENTS FOR THE FISCAL YEAR ENDING JUNE 30, 1911.

## PARIS STATION.

To deepen and rebuild pond north of hatchery, including concrete dam at head and foot, and to provide waste ditch for surplus water from above..	\$300 00
Concrete dam for creating a wild pond on Buckhorn Creek.....	300 00
800 rods wire fence for fencing State lands.....	400 00
Two spawning houses.....	200 00
Heating plant for hatchery.....	500 00
Lighting plant for new and old hatchery and residence.....	180 00
Gas engine and pump for filling water tanks and grinding food, with connections complete.....	250 00
Ice house near car house.....	200 00
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	\$2,330 00

## MILL CREEK STATION.

To complete bass ponds on two acres of land below and adjoining present ponds.....	\$2,000 00
Addition to hatchery.....	2,000 00
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	\$4,000 00

## DRAYTON PLAINS STATION.

Power plant and equipment for hatching wall-eyed pike and yellow perch..	\$1,000 00
Completing new ponds and connections for increasing output of black bass	1,000 00
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	\$2,000 00

## HARRIETTA STATION.

Completing series of ponds north of highway.....	\$2,000 00
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## RECAPITULATION.

## CURRENT EXPENSES.

	First Year.	Second Year.
Commissioners.....	\$1,000 00	\$1,000 00
Secretary.....	1,850 00	1,850 00
Superintendent.....	2,300 00	2,300 00
Statistical and special agent.....	1,800 00	1,800 00
Office of the Board.....	2,664 00	2,664 00
Paris Station.....	8,040 00	7,700 00
Mill Creek Station.....	5,480 00	7,405 00
Drayton Plains Station.....	3,650 00	3,950 00
Harrietta Station.....	4,145 00	4,595 00
Sault Ste. Marie Station.....	3,720 00	4,520 00
Detroit Station.....	850 00	850 00
Distributing car, "Fontinalis".....	2,120 00	2,320 00
Special car service.....	455 00	455 00
	<hr/>	<hr/>
	\$38,074 00	\$41,409 00

## SPECIAL IMPROVEMENTS.

	First Year.	Second Year.
Paris Station.....	\$150 00	\$2,330 00
Mill Creek Station.....	4,000 00	4,000 00
Drayton Plains Station.....	1,360 00	2,000 00
Harrietta Station.....	2,000 00	2,000 00
	<u>\$7,510 00</u>	<u>\$7,330 00</u>
Current for first year, ending June 30, 1910.....	\$38,074 00	
Current for second year, ending June 30, 1911.....	41,409 00	
	<u>Total current for two years.....</u>	<u>\$79,483 00</u>
Special improvements for year ending June 30, 1910.....		7,510 00
Special improvements for year ending June 30, 1911.....		10,330 00
		<u>\$97,323 00</u>

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# FISH PLANTS

1907-1908.

Report of Statistical Agent, Financial Statement,  
and Inventory.

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## Brook Trout Plants, 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Alcona county:</b>				
Little Wolf creek.....	Mitchell	Henry F. Wilson.....	April 9	8,000
Silver creek.....	Mitchell	Henry F. Wilson.....	April 9	6,000
Indian creek.....	Mitchell and Osinecke	Richard Collins.....	April 9	3,000
Buff creek.....	Millen	Richard Collins.....	April 9	4,000
No name.....	Mitchell	C. W. Edwards.....	April 9	6,000
Newton creek.....	Mitchell	A. W. Brown.....	April 9	8,000
Sucker creek.....	27 and 28 N of 8 E.	W. S. Linton.....	April 11	8,000
Buff Brown creek.....	27 N of R 7 E.	John Baird.....	April 11	4,000
West Branch creek.....	27 N of R 6 and 7 E.	John Baird.....	April 11	8,000
North Branch of Pine river.....	Millen	Daniel Lavier.....	April 11	12,000
<b>Allegan county:</b>				
Silver creek.....	Gun Plains	Ed. J. Anderson.....	Mar. 1	3,000
Neeley's creek.....	Gun Plains	Ed. J. Anderson.....	Mar. 1	4,500
Delano's and Abrams creek.....	Gun Plains and Osageo	Wm. Crispe.....	Mar. 1	3,000
Gregg creek.....	Wayland and Martin	Wm. Jones.....	Mar. 1	3,000
Dowd's creek.....	Monterey, Heath & others	C. E. Bond.....	Mar. 1	4,500
Bear creek.....	Monterey and Heath	Carl Symon.....	Mar. 1	4,000
Sand creek.....	Heath and Valley	Adam Potts.....	Mar. 1	4,000
No name.....	Leighton	Alfred S. Nelson.....	Mar. 1	1,500
Roger's creek.....	Allegan	C. N. McDuffie.....	Mar. 1	3,000
<b>Alger county:</b>				
Scott's creek.....	Limestone and Mathias	C. A. Tester.....	April 9	3,000
Grand Marais lake.....	Burt	N. W. Nettleton.....	April 22	6,000
Headwaters of W. Br. of Sucker creek.....	Burt	C. Williams.....	April 22	3,000
Sucker creek.....	Burt	Thos. J. McCann.....	April 22	10,500
Grand Marais creek.....	Burt	Thos. J. McCann.....	April 23	4,500
Sloop creek.....	Rock River	H. R. Harris.....	April 23	6,000
Au Train river.....	Rock River	H. R. Harris.....	April 23	7,500
Miner's river.....	Munising	H. R. Harris.....	April 23	4,500
Indian river.....	Munising	Wm. Cox.....	May 3	7,500
<b>Alpena county:</b>				
Kelley, Moore and Bolton creeks.....	Several	C. W. Edwards.....	April 9	18,000
Davis and Simon's creeks.....	Ossineke	R. E. Ellsworth.....	April 9	14,000
King creek.....	Wilson	A. W. Brown.....	April 9	6,000
Jewett creek.....	Green	A. W. Brown.....	April 9	4,000
Berlinsky creek.....	Ossineke	A. W. Brown.....	April 9	6,000
Norwegian creek.....	Alpena	A. W. Brown.....	April 9	3,000
Sixteen.....	Alpena	Henry Bolton.....	April 11	2,000
Devil river.....	Ossineke and Sanborn	J. H. Cobb.....	April 11	10,000
No name.....	Montgomery and Long Rapids	Samuel Cannon.....	April 11	6,000
Indian river.....	Rapids	Wm. Cox.....	May 3	7,500
<b>Antrim county:</b>				
Headwaters of Cedar river.....	Mancelona	C. L. Bailey.....	Mar. 27	18,000
Cascade creek.....	Chestonia	H. W. Slout.....	Mar. 27	3,000
Cedar river.....	Mancelona and others	John W. Verdier.....	Mar. 27	6,000
S. Barnes creek.....	Echo	Solon Barnes.....	Mar. 30	1,500
Jas. Barnes creek.....	Echo	James Barnes.....	Mar. 30	3,000
Henning creek.....	Echo	John Henning.....	Mar. 30	1,500
LeValey creek.....	Echo	Fresman Le Valey.....	Mar. 30	2,000
Sabin creek.....	Echo	William Sabin.....	Mar. 30	1,500
No name.....	Jordan	J. H. Koker.....	Mar. 30	2,000
Koker creek.....	Jordan	J. H. Koker.....	Mar. 30	3,000
Koker creek.....	Jordan	J. H. Koker.....	Mar. 30	1,500
Cold creek.....	Custer	Austin B. Wooton.....	Mar. 30	4,000
Cedar river.....	Kerney	Austin B. Wooton.....	Mar. 30	8,000
Ogletree creek.....	Crystal Lake and Banks	John Mueckle.....	Mar. 30	8,000
Cady creek.....	Central lake	W. S. Richardson.....	Mar. 30	4,000
Noyes creek.....	Banks	W. A. Boss.....	Mar. 30	2,000
Dennis creek.....	Banks	W. A. Boss.....	Mar. 30	3,000
Noyes creek.....	Banks	W. A. Boss.....	Mar. 30	1,500
Barker and Thompson's creeks.....	Jordan	Empey Brothers.....	Mar. 30	9,000
No name.....	Warner	Will A. Stone.....	Mar. 30	4,000
Tower creek.....	Echo	J. H. Edgerton.....	Mar. 30	2,000
Chas. Parker creek.....	Jordan	David Tower.....	Mar. 30	3,000
Derwood Willson creek.....	Echo	Charles Parker.....	Mar. 30	1,500
E. Barnes creek.....	Echo	Derwood Willson.....	Mar. 30	1,500
Wm. Spence creek.....	Echo	E. Barnes.....	Mar. 30	1,500
Pencil creek.....	Banks	William Spence.....	Mar. 30	3,000
Dyer creek.....	Banks	Wm. Slough.....	Mar. 30	3,000
Campbell's creek.....	Banks	C. S. Campbell.....	Mar. 30	3,000
Moore creek.....	Banks	C. S. Campbell.....	Mar. 30	4,000
John Smith creek.....	Echo	John H. Smith.....	Mar. 30	1,500

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Antrim county.—Continued.</b>				
No name.....	Banks	John H. Smith.....	Mar. 30	2,000
Hillman's creek.....	Banks	L. Van Skiver.....	Mar. 30	3,000
Boss creek.....	Banks	L. Van Skiver.....	Mar. 30	4,000
Or creek.....	Banks	L. Van Skiver.....	Mar. 30	4,000
St. Clair creek.....	Banks	L. Van Skiver.....	Mar. 30	4,000
McMellen creek.....	Echo	Duncan McMellen.....	Mar. 30	1,500
Beal creek.....	Echo	Asa Beal.....	Mar. 30	2,000
Hartwell creek.....	Echo	W. H. McAlister.....	Mar. 30	2,000
McAlister creek.....	Echo	W. H. McAlister.....	Mar. 30	2,000
Sixteen creek.....	Echo	Edman Willson.....	Mar. 30	2,000
Edman Willson creek.....	Echo	Edman Willson.....	Mar. 30	1,500
Gilman Willson creek.....	Echo	Edman Willson.....	Mar. 30	1,500
Norman Beal creek.....	Echo	Perl Beal.....	Mar. 30	1,500
Sand Hill creek.....	Echo	Henry Greshman.....	Mar. 30	1,500
Clark creek.....	Echo	Ed. Clark.....	Mar. 30	1,500
Petrie creek.....	Echo	Walter Petrie.....	Mar. 30	1,500
Button creek.....	Echo	German Button.....	Mar. 30	2,000
Mitchell creek.....	Milton	F. S. Wilson.....	April 11	3,000
Paradise creek.....	Milton	F. S. Wilson.....	April 11	3,000
<b>Arenac county:</b>				
Cedar creek.....	Turner	Joseph Clukey.....	April 11	8,000
Cedar creek.....	Mason	Rollin J. Spofford.....	April 11	3,000
Big creek.....	Mason, Turner and Au Gres	C. D. Brooks.....	April 11	12,000
Deed Branch.....	Deep River and Arenac	C. D. Brooks.....	April 11	10,000
Town Line.....	Mason and Clayton	C. D. Brooks.....	April 11	6,000
Plains creek.....	Mason	C. D. Brooks.....	April 11	4,000
Turner creek.....	Turner and Mason	James Carrigan.....	April 11	8,000
<b>Baraga county:</b>				
Branch of Michigamme river.....	48-31	E. W. MacPherran.....	April 30	3,000
Perch creek.....	48-35	E. W. MacPherran.....	April 30	3,000
Branch of Michigamme river.....	48-31	E. W. MacPherran.....	April 30	3,000
Nestoria creek.....	48-32	E. W. MacPherran.....	April 30	4,500
Sidnaw creek.....	48-32	E. W. MacPherran.....	April 30	3,000
Sidnaw creek.....	48-32	E. W. MacPherran.....	April 30	3,000
Sidnaw creek.....	48-32	E. W. MacPherran.....	April 30	3,000
Branch of Sturgeon river.....	48-34	E. W. MacPherran.....	April 30	3,000
Branch of Sturgeon river.....	48-34	E. W. MacPherran.....	April 30	3,000
Sidnaw creek.....	48-34	E. W. MacPherran.....	April 30	3,000
Branch of Sturgeon river.....	48-34	E. W. MacPherran.....	April 30	3,000
Branch of Sturgeon river.....	48-34	E. W. MacPherran.....	April 30	3,000
Branch of Sturgeon river.....	48-34	E. W. MacPherran.....	April 30	3,000
Ravine river.....	Arvon	W. L. Mason.....	April 30	4,500
Clear creek.....	Baraga	W. L. Mason.....	April 30	3,000
Meadow brook.....	L'Anse	W. L. Mason.....	April 30	3,000
Fall's river.....	L'Anse and Baraga	W. L. Mason.....	April 30	6,000
Slate river.....	Arvon	W. L. Mason.....	April 30	6,000
Bull brook.....	L'Anse	W. L. Mason.....	April 30	3,000
Spurr river.....	Spurr	Arthur Frachette.....	May 3	3,000
Spurr river.....	Spurr	G. J. Schwendeman.....	May 3	1,500
Three Lakes river.....	Spurr	Win. A. Garner.....	May 3	3,000
Canal creek.....	Spurr	Peter Trudell, Jr.....	May 10	1,500
No name.....	Spurr	Peter Trudell, Jr.....	May 10	1,500
Chief creek.....	Spurr	Peter Trudell, Jr.....	May 10	3,000
Sturgeon river.....	Laird, Elm River, Baraga and Chassell	J. M. Cahoon.....	May 10	12,000
<b>Barry county:</b>				
Stie Cool brook.....	Barry	M. Branstetter.....	Mar. 1	1,500
Cedar creek.....	Hope and Barry	Frank Doster.....	Mar. 1	3,000
Briggs brook.....	Woodland	Med Manning.....	Mar. 1	3,000
Bostwick creek.....	Hope and Barry	Ellis B. Faulkner.....	Mar. 1	1,500
McCollom creek.....	Hope	Edgar Otis.....	Mar. 1	3,500
Fall creek.....	Hope	Andrew Carpenter.....	Mar. 1	2,000
Verbridge creek.....	Hope	E. R. Conrad.....	Mar. 1	3,000
Silver brook.....	Plainwell	Chas. A. Wise.....	Mar. 1	3,000
Crooked brook.....	Hope	F. H. Skinner.....	Mar. 4	3,000
Tamarack creek.....	John L. Jones	John L. Jones.....	Mar. 6	2,000
Horn creek.....	Hope and Baltimore	Kep Silsbee.....	Mar. 6	3,000
West creek.....	Hastings and Rutland	Geo. W. Stowell.....	Mar. 6	2,000
Fall creek.....	Several	F. H. Barlow.....	Mar. 6	6,000
Hersey creek.....	Hastings	Jay Blakney.....	Mar. 6	2,000
Clear creek.....	Castleton	W. A. Smith.....	Mar. 6	2,000
Hill creek.....	Yankes Spgs and Irving	W. J. Michael.....	Mar. 16	3,000
Mink or Collins creek.....	Lutland	A. N. McCorty.....	Mar. 30	3,000
Glass creek.....	Hope and Rutland	L. McCorty.....	Mar. 30	4,500

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Benzie county:</b>				
Amidon creek.....		Edw. Smock.....	Mar. 5	9,000
Betsy river.....		Edw. Smock.....	Mar. 5	12,000
Little Betsy creek.....		Edw. Smock.....	Mar. 5	9,000
Heron creek and others.....	Joyfield and Blaine.....	Ben Little and Wm. J. Geddes.....	Mar. 15	6,000
Perry's creek.....	Benzonia.....	D. E. Burns.....	Mar. 15	6,000
Crystal creek.....	Benzonia.....	D. E. Burns.....	Mar. 15	6,000
Platte river.....	Inland, Homestead and Benzonia.....	F. A. Mitchell.....	Mar. 26	30,000
North Branch.....	Platte.....	John Parker.....	Mar. 26	3,000
Otter creek.....	Lake.....	E. R. Dailey.....	Mar. 26	3,000
Carter's creek.....	Homestead.....	I. P. Covey.....	Mar. 26	7,500
Collison creek.....	Homestead.....	I. P. Covey.....	Mar. 26	4,500
Platte river.....	Homestead, Benzonia, Inland and Almira.....	I. P. Covey.....	Mar. 26	15,000
Brundage creek.....	Inland.....	I. P. Covey.....	Mar. 26	6,000
North Platte creek.....	Platte.....	I. P. Covey.....	Mar. 26	4,500
South Branch.....	Homestead.....	I. P. Covey.....	Mar. 26	6,000
Platte river.....		H. D. Alley, Sec'y.....	Mar. 26	22,500
Betsy river.....	Thompsonville.....	Mich. Fish Commission.....	Mar. 26	12,000
Otter creek.....	Lake.....	Wm. Carter.....	Mar. 26	3,000
<b>Berrien county:</b>				
Blue creek.....	Bainbridge and Benton.....	A. Ricby.....	Feb. 25	7,500
Raddiffe creek.....	Benton.....	G. B. Gehlert.....	Feb. 25	5,000
Ox creek.....	Benton.....	G. B. Gehlert.....	Feb. 25	3,000
Farmer's creek.....	Berrien and Pipestone.....	Tago Nony.....	Feb. 25	4,500
Smith's creek.....	Watervliet.....	Frank Tucker.....	Feb. 25	2,000
Brandywine creek.....	Niles.....	E. E. Woodford.....	Feb. 25	4,500
Jinkins creek.....	Niles.....	Myron E. Marrs.....	Feb. 25	1,500
Buckhorn creek.....	Royalton.....	Clyde M. Rockey.....	Feb. 25	3,000
Dickenson creek.....	St. Joseph.....	Frank Herring, Sr.....	Feb. 25	3,000
Yellow creek.....	Royalton.....	Frank Herring, Sr.....	Feb. 25	3,000
Hickory creek.....	Lincoln, St. Joe and Lake.....	Frank Herring, Sr.....	Feb. 25	6,000
Ester's creek.....	Buchanan.....	J. W. Isbell.....	Feb. 25	3,000
Common creek.....	Oronoke.....	J. W. Isbell.....	Feb. 25	4,500
McCord's creek.....	Benton.....	J. W. Isbell.....	Feb. 25	3,000
Edison creek.....	Oronoke.....	W. J. Luckner.....	Feb. 25	2,000
Lemon creek.....	Oronoke.....	W. J. Luckner.....	Feb. 25	3,000
Stevens creek.....	Pipestone.....	Samuel Jones.....	Mar. 1	1,500
Pipestone creek.....	Pipestone.....	Samuel Jones.....	Mar. 1	3,000
Mill creek.....	Watervliet.....	E. A. Sweeting.....	Mar. 16	8,000
Common and Ester's creeks.....	Severl.....	Frank Herring, Sr.....	Mar. 16	16,500
<b>Branch county:</b>				
No name.....	Coldwater.....	F. T. Tappan.....	Mar. 6	3,000
Kinderhook creek.....	Kinderhook.....	F. T. Tappan.....	Mar. 6	3,000
Sherman creek.....	Batavia.....	H. F. Bailey.....	Mar. 6	4,500
Stancer creek.....	Union.....	W. H. Hubbard.....	Mar. 6	1,500
Branch creek.....	Coldwater.....	Lewis F. Haight.....	Mar. 6	1,500
Shinnemous creek.....	Batavia.....	C. D. Warner.....	Mar. 6	1,500
Sheneman creek.....	Batavia.....	Milton McCurley.....	Mar. 25	3,000
Dunk's creek.....	Sherwood.....	C. H. Lovell.....	Mar. 26	2,000
<b>Calhoun county:</b>				
Baker's creek.....	Burlington and others.....	H. J. Farmer.....	Feb. 26	2,000
Lowell creek.....	Burlington and others.....	D. D. Buell.....	Feb. 26	2,000
Harsh brook.....	Burlington and others.....	I. J. Banford.....	Feb. 26	2,000
Baker's creek.....	Burlington and others.....	D. D. Buell.....	Feb. 26	2,000
Richardson's creek.....	Leroy and Athens.....	Chas. H. Lowell.....	Feb. 26	3,000
Vosburg creek.....	Burlington.....	Morris Jones.....	Feb. 26	2,000
Allen brook.....	Burlington.....	H. T. Carpenter.....	Feb. 26	1,500
Thompson creek.....	Burlington.....	H. T. Carpenter.....	Feb. 26	2,000
Piell creek.....	Burlington.....	H. T. Carpenter.....	Feb. 26	2,000
Olds creek.....	Athens.....	A. E. Carpenter.....	Feb. 26	1,500
Wey creek.....	Le Roy.....	Cookson Long.....	Feb. 26	1,500
Marble's creek.....	Burlington.....	Burt Long.....	Feb. 26	2,000
McShannon creek.....	Le Roy.....	Frank Hurd.....	Mar. 4	3,000
Doubleday creek.....	Le Roy.....	Wm. Doubleday.....	Mar. 4	2,000
Nixon or Seidoff brook.....	Athens.....	Frank E. Nixon.....	Mar. 4	2,000
Richardson creek.....	Athens.....	George Hawley.....	Mar. 4	2,000
Corey's creek.....	Leroy.....	Donald Houghton.....	Mar. 4	1,500
Hunt stream.....	Leroy.....	W. J. Hagelshaw.....	Mar. 4	1,500
Corey creek.....	Leroy.....	M. S. Emmons.....	Mar. 4	3,000
Wilder creek.....	Eckford.....	J. A. Eslow.....	Mar. 4	3,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Calhoun county—Continued.</b>				
Talmadge brook.....	Marshall and Fredonia.....	E. L. Holmes.....	Mar. 4	3,000
Champion brook.....	Emmet.....	Carl G. Schuff.....	Mar. 4	1,500
Eagle brook.....	Marshall.....	Stephen J. Rathbun.....	Mar. 4	2,000
Rishel's creek.....	Leroy.....	Vern E. Rishel.....	Mar. 4	3,000
Pigeon creek.....	Marshall.....	J. F. Garwood.....	Mar. 4	2,000
Bear creek.....	Marshall.....	J. F. Garwood.....	Mar. 4	3,000
Shannon brook.....	Leroy.....	Fred S. Hall.....	Mar. 4	1,500
Record creek.....	Leroy.....	H. G. Shannon.....	Mar. 4	3,000
Kelsey creek.....	Leroy.....	C. W. Willis.....	Mar. 4	3,000
Shannon creek.....	Leroy.....	E. J. Cross.....	Mar. 4	3,000
Gould creek.....	Leroy.....	John Glaw.....	Mar. 4	3,000
Kelsey brook.....	Leroy.....	John Glaw.....	Mar. 4	3,000
Morgan brook.....	Emmet.....	W. H. Skinner.....	Mar. 4	1,500
Gulf brook No. 2.....	Bedford.....	W. H. Skinner.....	Mar. 4	3,000
Seven Mile brook.....	Bedford.....	W. H. Skinner.....	Mar. 4	3,000
Helmer's brook.....	Battle Creek.....	Geo. H. Williams.....	Mar. 4	3,000
Servis creek.....	Leroy.....	E. H. Watrus.....	Mar. 4	2,000
Elmer's brook.....	Leroy.....	E. H. Watrus.....	Mar. 4	1,500
Pine creek.....	Leroy.....	Wm. Scheffhauser.....	Mar. 4	2,500
Fuller brook.....	Leroy.....	Wm. Scheffhauser.....	Mar. 4	2,500
Wheeler creek.....	Athens.....	Chas. Parks.....	Mar. 6	2,000
Connant creek.....	Burlington.....	Chas. Parks.....	Mar. 6	3,000
<b>Cass county:</b>				
Continental creek.....	La Grange.....	C. H. Kimmerle.....	Feb. 26	3,000
Shaw's creek.....	Jefferson.....	C. H. Kimmerle.....	Feb. 26	3,000
Kinsey creek.....	Howard.....	Myron E. Marrs.....	Feb. 26	4,500
No name.....	La Grange.....	R. W. Hain.....	Feb. 26	5,000
Glenwood creek.....	Wayne.....	Fred Phillips.....	Mar. 1	6,000
Hampton creek.....	Wayne.....	Fred Phillips.....	Mar. 1	3,000
Atwood creek.....	Wayne.....	Fred Phillips.....	Mar. 1	3,000
Carmen creek.....	Wayne.....	Fred Phillips.....	Mar. 1	1,500
Broadhurst creek.....	Wayne.....	Fred Phillips.....	Mar. 1	3,500
Big Dowagiac creek.....	Wayne, Silver Creek and Pokagon.....	Fred Phillips.....	Mar. 1	7,500
Kenney creek.....	Wayne.....	Fred Phillips.....	Mar. 1	1,500
Starral creek.....	Wayne.....	Fred Phillips.....	Mar. 1	1,500
Davis creek.....	Pokagon.....	Fred Phillips.....	Mar. 1	1,500
Mcomber creek.....	Silver creek.....	Fred Phillips.....	Mar. 1	1,500
Cleddennan creek.....	Silver creek.....	Fred Phillips.....	Mar. 1	1,500
Anthony creek.....	Silver creek.....	Fred Phillips.....	Mar. 1	1,500
Yaw creek.....	Silver creek.....	Fred Phillips.....	Mar. 1	1,500
Silver creek.....	Silver creek.....	Fred Phillips.....	Mar. 1	3,000
Pokagon creek.....	Pokagon.....	Fred Phillips.....	Mar. 1	4,500
Peavine and McKinney creeks.....	Pokagon.....	Fred Phillips.....	Mar. 1	6,000
Cook's Lake creek.....	Wayne and Silver creek.....	Chris A. Hux.....	Mar. 1	1,500
Pine Lake creek.....	Wayne and Silver creek.....	S. P. Mosher.....	Mar. 1	1,500
Pokagon creek.....	Pokagon and La Grange.....	M. W. Merritt.....	Mar. 1	6,000
No name.....	Pokagon.....	Jay F. Mendenhall.....	Mar. 1	4,500
Little Dowagiac creek.....	La Grange, Volina and others.....	H. D. Clark.....	Mar. 1	1,500
Ireland creek.....	Marcellus, Volina and others.....	S. W. Emmons.....	Mar. 1	7,500
Kimmerle creek.....	Silver creek.....	F. H. Essig.....	Mar. 1	3,000
Shuret creek.....	La Grange.....	F. H. Essig.....	Mar. 1	1,500
Gage creek.....	La Grange.....	Geo. A. Race.....	Mar. 1	1,500
Tyron creek.....	Wayne.....	J. H. Schmitt.....	Mar. 1	1,500
Rocky river.....	Wayne and Silver creek.....	C. L. Schmitt.....	Mar. 1	1,500
Sheldon's creek.....	Marcellus.....	C. S. Jones.....	Mar. 4	4,500
Conkin creek or head of Rocky river.....	Marcellus.....	B. F. Mikel.....	Mar. 4	3,000
<b>Charlevoix county:</b>				
Boyne river.....	Boyne Valley.....	J. L. A. Galster.....	Mar. 27	22,500
Boyne river.....	Boyne Valley.....	J. L. A. Galster.....	April 15	30,000
Head Branches of Boyne river.....	Boyne Valley.....	J. J. Robbins.....	Mar. 27	15,000
Deer creek.....	South Arm.....	Harry Simmons.....	Mar. 30	6,000
Brown's Barber's and Monroe creeks.....	South Arm.....	Harry Simmons.....	Mar. 30	14,000
Jordan river.....	South Arm.....	W. A. Stroebel.....	Mar. 30	10,000
Brown creek.....	South Arm.....	W. A. Stroebel.....	Mar. 30	2,000
Bartholomew creek.....	Echo.....	Carl Stroebel.....	Mar. 30	10,000
Deer creek.....	Wilson and South Arm.....	Carl Stroebel.....	Mar. 30	6,000
Monroe creek.....	South Arm.....	A. M. Haight.....	Mar. 30	4,000
Warner's creek.....	South Arm.....	Ellis G. Malpass.....	Mar. 30	3,000
Irman creek.....	Echo.....	D. D. Denney.....	Mar. 30	3,000
St. Clair creek.....	Echo.....	C. S. Campbell.....	Mar. 30	3,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Charlevoix county.—Continued.</b>				
McGough's creek.....	Marion.....	L. D. Bartholomew.....	Mar. 30	4,500
Storm's creek.....	Marion and Charlevoix.....	L. D. Bartholomew.....	Mar. 30	4,500
Nowland's creek.....	Marion and Evaline.....	L. D. Bartholomew.....	Mar. 30	4,500
Bear creek.....		W. B. Stimson.....	April 1	24,000
<b>Cheboygan county:</b>				
Lower Little Pigeon.....	Koehler and Walker.....	M. A. McHenry.....	April 5	8,000
Sturgeon river.....	Ellis and Mentor.....	C. E. Haak.....	April 5	24,000
E. Branch of Little Sturgeon river.....	Koehler and Tuscarora.....	J. W. Lester.....	April 5	6,000
W. Branch of Little Sturgeon.....	Tuscarora, Koehler and others.....	J. W. Lester.....	April 5	8,000
Big Sturgeon river.....	Tuscarora and others.....	H. R. Field.....	April 5	20,000
Nigger creek.....	Burt.....	W. R. Deputy.....	April 5	8,000
Little Black river.....		C. L. Marquette.....	April 5	8,000
Elliot creek.....	Benton.....	Wm. E. Shoemaker.....	April 5	8,000
Little Black river.....	Beaugrand.....	Arthur R. Massey.....	April 5	6,000
Church creek.....	Forest.....	Neil Smith.....	April 9	3,000
Welch creek.....	Forest and Waverly.....	Neil Smith.....	April 9	3,000
Buzzell creek.....	Forest.....	Neil Smith.....	April 9	3,000
Bowen's creek.....	Forest.....	Neil Smith.....	April 9	2,000
Milligan creek.....	Waverly and Forest.....	Neil Smith.....	April 9	4,000
McPherran creek.....	Forest.....	J. M. Clark.....	April 9	4,000
McMister creek.....	Forest and Nunda.....	J. M. Clark.....	April 9	6,000
Gregg creek.....	Forest.....	J. M. Clark.....	April 9	4,000
Silver creek.....	Forest.....	J. M. Clark.....	April 9	4,000
Davis creek.....	Forest.....	J. M. Clark.....	April 9	4,000
Gillier creek.....	Forest.....	J. M. Clark.....	April 9	2,000
Walcher creek.....	Forest and Waverly.....	J. M. Clark.....	April 9	2,000
Milligan creek.....	Waverly.....	J. M. Clark.....	April 9	10,000
Stewart's creek.....	Waverly.....	J. M. Clark.....	April 9	2,000
Bowen's creek.....	Forest.....	J. M. Clark.....	April 9	4,000
<b>Crawford county:</b>				
North Branch of Au Sable river.....	Maple Forest.....	T. E. Douglas.....	April 2	24,000
Town Line creek.....	25 N R 1 W.....	Orlando F. Barnes.....	April 3	3,000
Thompson creek.....	25 N R 1 W.....	Orlando F. Barnes.....	April 3	3,000
Two Small creeks.....	25 N R 1 W.....	Orlando F. Barnes.....	April 3	3,000
Douglas creek.....	T 25 N R 1 W.....	Clarence D. Clark.....	April 3	4,500
Barnes creek.....	T 25 N R 1 W.....	Clarence D. Clark.....	April 3	4,500
Haymarsh creek.....	25 N Range 2 W.....	E. A. Trumbull.....	April 3	4,000
Au Sable river.....	Several.....	R. Hanson.....	April 3	30,000
Au Sable river.....	Graying.....	J. C. Burton, F. H. Glover.....	April 5	24,000
East Branch Au Sable river.....	Graying.....	J. C. Burton, F. H. Glover.....	April 5	16,000
Au Sable river.....	Graying.....	J. C. Burton, F. H. Glover.....	April 15	30,000
<b>Chippewa county:</b>				
Chub creek.....	Rudyard and St. Ignace.....	J. C. Sess.....	April 9	3,000
Bear creek.....	Rudyard and Forest Lake.....	J. C. Sess.....	April 9	4,500
Brisket creek.....	Rudyard.....	J. C. Sess.....	April 9	6,000
Trout brook.....	Rudyard and Trout Lakes.....	J. C. Sess.....	April 9	6,000
Pine river.....	Rudyard and others.....	J. C. Sess.....	April 9	9,000
Sweetbriar creek.....	Rudyard.....	Chase S. Osborne.....	April 22	3,000
Trapper's creek.....	Trout Lake.....	Chase S. Osborne.....	April 22	3,000
East Branch Tahquemanon river.....	Several.....	Chase S. Osborne.....	April 22	9,000
Lagoon creek.....	Pickford.....	J. A. Cameron.....	May 15	3,000
Esigs creek.....	Pickford.....	J. A. Cameron.....	May 15	3,000
<b>Clare county:</b>				
Mostellar creek.....	Hayes.....	E. F. Wilson.....	Mar. 11	6,000
Town Line lake inlet.....	Hamilton.....	Andrew Hagen.....	Mar. 11	3,000
Mid Branch Cedar river.....	Hamilton.....	Eldredge and Terry.....	Mar. 11	4,500
Little Long creek.....	Hayes.....	I. J. Thompson.....	Mar. 11	2,000
McKellar creek.....	Grant.....	L. F. Leonard.....	Mar. 11	3,000
Shackell creek.....	Surrey.....	L. F. Leonard.....	Mar. 11	3,000
Halden creek.....	Surrey.....	Asa Leonard.....	Mar. 11	3,000
Shackell creek.....	Surrey.....	Asa Leonard.....	Mar. 11	2,000
Bear Run.....	Lincoln.....	D. W. Holland.....	Mar. 11	1,500
Smith creek.....	Surrey.....	E. H. Smith.....	Mar. 11	1,500
South Branch of Tobacco river.....	Surrey and Grant.....	E. H. Smith.....	Mar. 11	3,000
Hall creek.....	17-5.....	L. Weisman.....	Mar. 11	2,000
Branch of Tobacco river.....	Surrey.....	R. V. Howard.....	Mar. 11	2,000
Thirteen creek.....	Surrey.....	Geo. W. Graham.....	Mar. 11	1,500
Norrway creek.....	Redding.....	R. L. Anderson.....	Mar. 19	4,500

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Clare county.—Continued.</b>				
North Branch Tobacco river.....	Arthur and Hatton.....	A. M. Malone.....	Mar. 29	4,500
Clear brook.....	Arthur.....	Wm. C. Cornell.....	Mar. 29	4,500
Beaver and Brennan creeks.....	Arthur and Hatton.....	J. A. Hawkins.....	April 8	6,000
North Branch Tobacco river.....	Arthur.....	W. C. Cornell.....	April 8	6,000
<b>Clinton county:</b>				
Lost creek.....	Dallas.....	Jos. B. Miller.....	Mar. 8	1,500
Fuller creek.....	Dallas.....	Jos. B. Miller.....	Mar. 8	1,500
School Section creek.....	Essex.....	Geo. H. Soule.....	Mar. 8	4,500
Strong creek.....	Watertown.....	Bruce D. Douglas.....	Mar. 15	3,000
<b>Delta county:</b>				
Eighteen Mile creek.....	Nahma.....	W. R. Callaway.....	April 9	6,000
Thompson river.....	Severla.....	W. R. Callaway.....	April 9	9,500
Ogonts creek.....	Mason.....	W. R. Callaway.....	April 9	15,000
Deer river.....	Masonville.....	W. R. Callaway.....	April 9	6,000
Whitefish river.....	Severla.....	W. R. Callaway.....	April 9	9,000
Scott's river.....	Severla.....	W. R. Callaway.....	April 9	9,000
Rapid river.....	Severla.....	W. R. Callaway.....	April 9	9,000
Day's river.....	Nahma.....	Thos. B. Davis.....	April 9	4,500
Black creek.....	Nahma.....	Thos. B. Davis.....	April 9	7,500
Eighteen Mile creek.....	Nahma.....	Thos. B. Davis.....	April 9	6,000
Mallman creek.....	Nahma.....	Thos. B. Davis.....	April 9	6,000
Blake's creek.....	T 39 R 24.....	Wm. Blake.....	April 16	3,000
Sturgeon and Nahma.....	Brampton and Nahma.....	Timothy Killian.....	April 19	18,000
Ten Mile creek.....	Ford and Black Rivers.....	Timothy Killian.....	April 19	6,000
Squaw creek or brook.....	Baldwin.....	Timothy Killian.....	April 19	4,500
West Branch Whitefish river.....	Masonville and others.....	Timothy Killian.....	April 19	4,500
Whitefish and Ford rivers.....		Timothy Killian.....	April 19	18,000
<b>Dickinson county:</b>				
Black creek.....	Norway and Waucedah.....	G. E. Bergeron.....	April 11	6,000
Merryman creek.....	Breitung.....	R. C. Browning.....	April 11	3,000
Fern creek.....	Norway.....	James H. Bush.....	April 11	4,500
Blueberry creek.....	Sagola.....	R. E. Boll.....	April 19	1,500
Little Blueberry creek.....	Sagola.....	R. E. Boll.....	April 19	1,500
Squaw creek.....	Sagola.....	R. E. Boll.....	April 19	4,500
Headwaters of the Main Ford River.....	Sagola.....	R. E. Boll.....	April 19	4,500
North Branch of Ford river.....	Sec. 28, 43-27.....	I. Stephenson Co.....	April 19	4,500
Ford river.....	43-29.....	I. Stephenson Co.....	April 19	7,500
Flat Rock river and tribs. and Bob's creek.....	43-30.....	I. Stephenson Co.....	April 19	6,000
Pine creek.....	Breitung and Norway.....	J. E. Knight.....	April 19	6,000
Cassidy creek.....	Norway.....	Richard M. Sampson.....	May 15	6,000
Breen creek.....	Norway.....	Richard M. Sampson.....	May 15	7,500
Water Works creek.....	Norway City limits.....	Michael St. Peter.....	May 15	3,000
<b>Easton county:</b>				
Spring brook.....	Benton.....	E. R. Britten.....	Mar. 6	4,500
Thornapple river and headwaters.....	Benton.....	Frank J. Johnston.....	Mar. 8	7,500
Jennison creek.....	Eagle.....	Fred L. Baey.....	Mar. 15	2,000
<b>Emmett county:</b>				
Carp river.....	Carp Lake.....	O. C. Cope.....	Mar. 27	22,500
McPhee's creek.....	Littlefield and Maple river.....	W. W. Fairbairn.....	Mar. 27	3,000
Curtis creek.....	Littlefield.....	Wm. Curtis.....	Mar. 27	10,000
Heber creek.....	Little France.....	Wm. Curtis.....	Mar. 27	10,000
Minnehah creek.....	Petoskey.....	Wm. Curtis.....	Mar. 27	10,000
Maple river.....	Maple River.....	W. B. Stimson.....	April 1	100,000
Maple river.....	Maple River.....	W. B. Stimson.....	April 15	40,000
<b>Genesee county:</b>				
Swartz, Denton and Hamilton creeks.....	Fenton.....	J. Max Davis.....	Mar. 8	12,000
<b>Gladwin county:</b>				
Sugar river.....	Putnam.....	F. L. Prindle.....	April 3	10,000
Cedar river, McNella and Busch creeks.....	Sherman, Sage & Grant.....	F. L. Prindle.....	April 3	14,000
<b>Gogebic county:</b>				
Tamarack river.....	Watersmeet.....	J. R. Moore.....	April 11	4,500
East branch of east branch of Ontonagon river.....	Watersmeet.....	Geo. E. Moore.....	April 11	4,500
Spring creek.....	Watersmeet.....	Geo. E. Moore.....	April 11	3,000
Sargent creek.....	Watersmeet.....	B. H. Darling.....	April 11	3,000
Camp Two creek.....	Watersmeet.....	B. H. Darling.....	April 11	3,000
Ontonagon river.....	Watersmeet.....	B. H. Darling.....	April 11	7,500
Duck creek.....	Watersmeet.....	B. H. Darling.....	April 11	3,000



Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Gogebic county.—Continued.</b>				
Crooked creek.....	Watersmeet.....	A. D. Johnston.....	April 11	3,000
Morrison creek.....	Watersmeet.....	A. D. Johnston.....	April 11	6,000
Duck creek.....	Watersmeet.....	A. D. Johnston.....	April 11	3,000
Henderson creek.....	Watersmeet.....	A. D. Johnston.....	April 11	3,000
Dellias creek.....	Watersmeet.....	A. D. Johnston.....	April 11	3,000
Ciscoe outlet.....	Watersmeet.....	A. D. Johnston.....	April 11	3,000
Beut's creek.....	Watersmeet.....	A. D. Johnston.....	April 11	12,000
Benton's creek.....	Watersmeet.....	A. D. Johnston.....	April 11	4,500
Tenderfoot creek.....	Marenisco.....	A. D. Johnston.....	April 11	9,000
State river.....	Marenisco.....	A. D. Johnston.....	April 11	10,500
Wellington creek.....	Marenisco.....	A. D. Johnston.....	April 11	7,500
Little Presque Isle.....	Bessemer.....	A. D. Johnston.....	April 11	7,500
Langford's creek.....	Watersmeet.....	Marvin Hughitt, Jr.....	April 11	9,000
No name.....	Ironwood.....	Fred Thield.....	April 26	3,000
Little Spring creek.....	Bessemer and Ironwood.....	Richard Banfield.....	April 26	1,500
Hoffman's creek.....	Bessemer and Ironwood.....	Frank A. Miller.....	April 26	1,500
Sutherland's creek.....	Ironwood.....	D. E. Sutherland.....	April 26	3,000
Burch creek.....	Ironwood.....	F. J. Sullivan.....	April 26	3,000
Mattson creek.....	Ironwood.....	Geo. D. Hough.....	April 26	3,000
Spring creek.....	Ironwood.....	G. M. Cornell.....	April 26	4,500
Mullett creek.....	Ironwood.....	P. H. Mullen.....	April 26	1,500
Foley's creek.....	Ironwood.....	John Ryan.....	April 26	3,000
McKenzie creek.....	Ironwood.....	David F. Foley.....	April 26	3,000
Honey creek.....	Ironwood.....	David F. Foley.....	April 26	4,500
Kennedy creek.....	Ironwood.....	J. A. Rupp.....	April 26	3,000
Hoves creek.....	Ironwood.....	M. A. Fitzsimmons.....	April 26	3,000
Big Coon creek.....	Ironwood.....	O. F. Staebler.....	April 26	4,500
Shawnee creeklet.....	Ironwood.....	O. F. Staebler.....	April 26	4,500
Cedar creek.....	Ironwood.....	O. F. Staebler.....	April 26	3,000
Fisher's brook.....	Ironwood.....	O. F. Staebler.....	April 26	3,000
Little Coon creek.....	Ironwood.....	O. F. Staebler.....	April 26	1,500
Powder Mill creek.....	Bessemer.....	O. F. Staebler.....	April 26	3,000
Water Works creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	6,000
Pine creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	3,000
Messie's creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	7,500
Eight Mile creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	3,000
Crystal creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	8,000
Black river.....	Bessemer.....	J. A. Vogtlin.....	April 26	7,500
Clear creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	7,500
Branch of Black river and Black river.....	Bessemer.....	J. A. Vogtlin.....	April 26	7,500
Spring creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	7,500
Powder, Seaman, Spring and Water Works creeks.....	Bessemer.....	J. A. Vogtlin.....	April 26	3,000
Cox creek.....	Bessemer.....	J. A. Vogtlin.....	April 26	4,500
Trib. to Lake Ruth.....	Bessemer.....	J. A. Vogtlin.....	April 26	7,500
Trib. to Lake Ruth.....	48—45.....	E. W. MacPherran.....	April 30	1,500
Branch of Presque Isle river.....	48—14.....	E. W. MacPherran.....	April 30	3,000
Trib. to Lake Ruth.....	48—47.....	E. W. MacPherran.....	April 30	3,000
Trib. to Lake Ruth.....	48—46.....	E. W. MacPherran.....	April 30	3,000
Trib. to Lake Ruth.....	48—15.....	E. W. MacPherran.....	April 30	3,000
<b>Grand Traverse county:</b>				
Boardman river.....		Ralph S. Hastings.....	Mar. 28	22,500
Boardman river.....		Traverse City Rod & Gun Club.....	Mar. 28	22,500
Acme creek.....	Acme.....	Traverse City Rod & Gun Club.....	Mar. 28	3,000
Mitchell creek.....	East Bay.....	Traverse City Rod & Gun Club.....	Mar. 28	3,000
Wynkoop's Spring brook.....	Paradise.....	A. B. Stinson.....	Mar. 28	4,500
Jackson creek.....	Paradise.....	A. B. Stinson.....	Mar. 28	4,500
Hill's brook.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	1,500
Malcom Keffer Spring brook.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	1,500
Slauter House creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	3,000
Potter creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	6,000
Clark creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	3,000
Hiddlecomb's creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	3,000
Beaver Meadow creek.....	Mayfield.....	Kingsley Sportsman's Club.....	Mar. 28	6,000
Mayfield brook.....	Mayfield.....	Kingsley Sportsman's Club.....	Mar. 28	3,000
Harrison brook.....	Mayfield.....	Kingsley Sportsman's Club.....	Mar. 28	6,000
Parker creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	4,500
Brownson brook.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	6,000
Gray's creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	1,500
East creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	3,000
Taber creek.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	9,000
		Kingsley Sportsman's Club.....	Mar. 28	4,500

Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Grand Traverse county.—Continued.</b>				
Newmarsh spring brook.....	Paradise.....	Kingsley Sportsman's Club.....	Mar. 28	4,500
Whitewater creek.....	Acme.....	Ralph D. White.....	Mar. 30	6,000
Mill creek.....	Whitewater.....	W. H. Ayres.....	Mar. 30	3,000
Headwaters of Boardman river.....		W. B. Stinson.....	April 1	40,000
Uba creek.....		F. S. Wilson.....	April 11	3,000
Trib. to Boardman river.....	Paradise and others.....	Leland Tripp.....	April 15	50,000
<b>Graatiot county:</b>				
Bullock creek.....	Summer.....	Burton J. Gee.....	Mar. 8	3,000
Ayres creek.....	Summer.....	Burton J. Gee.....	Mar. 8	3,000
Pine creek.....	Summer.....	F. J. Graham, M. D.....	Mar. 8	3,000
<b>Hillsdale county:</b>				
Goose creek and tribs.....	Somerset.....	Guy L. Speer.....	Mar. 6	8,000
Headwaters of Grand river.....	Somerset and Liberty.....	Guy L. Speer.....	Mar. 6	8,000
No name.....	Somerset.....	Frank Carney.....	Mar. 6	3,000
Sand creek.....	Allen and Litchfield.....	L. C. Feighner.....	Mar. 6	8,000
Headwaters of Kalamazoo river.....	Scipio.....	L. C. Feighner.....	Mar. 25	4,500
Piper creek.....	Wheatland.....	C. H. Baker.....	Mar. 6	6,000
Clement creek.....	Pittsford.....	C. H. Baker.....	Mar. 6	4,500
Hodges spring brook.....	Scipio.....	A. B. Sanderson.....	Mar. 6	1,500
Clough creek.....	Hillsdale and Fayette.....	Arnold M. Knight.....	Mar. 6	3,000
Branch of Raisin river.....	Somerset.....	W. L. Bickford.....	Mar. 6	3,000
Doty Dam.....	Litchfield and Home.....	C. Rihlet.....	Mar. 25	4,500
<b>Houghton county:</b>				
Craverat creek.....	Hancock.....	E. H. Wright.....	May 7	12,000
Middle branch of Elm river.....	Elm River.....	E. H. Wright.....	May 7	7,500
Misery river.....	Elm River.....	E. H. Wright.....	May 7	12,000
Sleeping river.....	Elm River.....	E. H. Wright.....	May 7	15,000
North branch Salmon Trout river.....	Adams.....	E. H. Wright.....	May 7	6,000
Elm river.....	Elm River.....	Geo. Williams.....	May 7	10,500
Burt creek.....	Elm River.....	Geo. Williams.....	May 7	9,000
West branch Pilgrim river.....	Portage.....	Peter Henderson.....	May 7	4,500
Peas creek.....	Hancock.....	Peter Henderson.....	May 7	1,500
Shingle creek.....	Hancock.....	John D. Crawford.....	May 7	1,500
Price's creek.....	Hancock.....	Oscar Ongie.....	May 7	1,500
Ronlesau creek.....	Hancock.....	J. H. Hixox.....	May 7	3,000
Gooseneck and Spring creek.....	Oscoda.....	J. H. Edwards.....	May 7	4,500
Swede Town creek.....	Franklin.....	Frank Leroy.....	May 7	1,500
St. John's creek.....	Hancock.....	L. E. Gagner.....	May 7	3,000
Swede Town creek.....	Hancock.....	Alex. Stevenson.....	May 7	3,000
West branch Santy's creek.....	Elm River.....	John Duncan.....	May 7	7,500
13 Mile creek.....	Elm River.....	Carlos D. Sheldon.....	May 7	7,500
Arcadian Mill Pond.....	Torch Lake.....	John C. Wormer.....	May 7	3,000
East branch Salmon Trout river.....	Portage and Adams.....	H. M. Keever.....	May 7	4,500
Huron creek.....	Portage.....	Robert H. Shields.....	May 7	3,000
Middle branch Fire Steel river.....	Elm River.....	Lewis H. Richardson.....	May 7	6,000
Stock creek.....	Hancock.....	A. D. Edwards.....	May 7	4,500
Hennes creek.....	Portage.....	Charles Smith.....	May 7	4,500
Trib. to west branch La Chance's creek.....	Torch Lake.....	J. Kimfelt.....	May 7	4,500
West branch Sarcen's creek.....	Torch Lake.....	Carl F. Kinge.....	May 7	1,500
Sarcen's creek.....	Torch Lake.....	Lincoln Burgan.....	May 7	1,500
Bagey creek.....	Torch Lake.....	Frank Rader.....	May 7	1,500
West branch Bagey's creek.....	Torch Lake.....	Albert Rader.....	May 7	3,000
East branch Bagey's creek.....	Torch Lake.....	Silas Dunstan.....	May 7	3,000
East branch Sarcen's creek.....	Torch Lake.....	Dr. A. G. Goggin.....	May 7	1,500
La Chance's creek.....	Torch Lake.....	M. J. Harrington.....	May 7	4,500
East branch Little Rabbit creek.....	Torch Lake.....	Herm Kelper.....	May 7	1,500
Trib. to McCullen's creek.....	Torch Lake.....	Jos. Wise.....	May 7	4,500
Reumen's creek.....	Torch Lake.....	John Reider.....	May 7	3,000
The Saw Mill creek.....	Torch Lake.....	F. Mitchell.....	May 7	3,000
Blondo's creek.....	Torch Lake.....	Sam James.....	May 7	1,500
East branch Blondo's creek.....	Torch Lake.....	John B. Hodger.....	May 7	1,500
West branch Blondo's creek.....	Torch Lake.....	J. M. Armstrong.....	May 7	3,000
East branch Traprock river.....	Schoolcraft.....	Hubbell Rod & Gun Club.....	May 7	3,000
Hungarian creek.....	Oscoda.....	Hubbell Rod & Gun Club.....	May 7	7,000
McCollum creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 7	3,000
Armstrong creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 7	3,000
Little Rabbit river.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 7	3,000
Quinze creek.....	Oscoda.....	Hubbell Rod & Gun Club.....	May 7	3,000
Traprock river.....	Schoolcraft.....	Hubbell Rod & Gun Club.....	May 7	4,500
Otter creek.....	Laird.....	J. C. Hansen.....	May 10	4,500
Otter river.....	Portage, Chassell and Laird.....	L. H. Aitkin.....	May 10	3,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Houghton county.—Continued.</b>				
Santies creek.....	Laird and Elm River.	Milton R. Dickens.....	May 10	7,500
Thirteen Mile creek.....	Laird and Stanton.....	N. E. Kanouse.....	May 10	7,500
West Branch of Otter creek.....	Laird.....	J. C. Weissmiller.....	May 10	7,500
Silver river.....	Laird.....	B. T. Barry.....	May 10	9,000
North Branch Otter river.....	Laird and Portage.....	R. S. Sheldon.....	May 10	12,000
North Branch Sturgeon river.....	Laird.....	R. S. Sheldon.....	May 10	9,000
Nisula creek.....	Laird.....	August Nisula.....	May 10	1,500
West Branch Sturgeon river.....	Laird.....	W. D. Calverly.....	May 10	9,000
Huron Dam.....	Portage.....	H. G. Major.....	May 13	4,500
Pilgrim river.....	Portage.....	H. G. Major.....	May 13	1,500
Six Mile creek.....	Portage.....	H. G. Major.....	May 13	3,000
Cole's creek.....	Adams.....	H. G. Major.....	May 13	4,500
Pike river.....	Chassell and Portage.....	H. G. Major.....	April 13	4,500
North branch Elm river.....	Stanton.....	Carl Runge.....	May 13	3,000
North branch Elm river.....	Stanton.....	Dr. F. Runge.....	May 13	3,000
The Graverod.....	Stanton.....	Robert McAllister.....	May 13	3,000
Breneau creek.....	Laird and Elm River.....	J. C. Bertrand.....	May 13	9,000
Pilgrim river.....	Portage.....	I. N. Haas.....	May 13	3,000
Seven Mile creek.....	Portage.....	J. R. Porargue.....	May 13	3,000
McGuire's creek.....	Calumet.....	Adolph Malherbe.....	May 13	3,000
Allouez Dam creek.....	Calumet.....	I. J. Kitchen.....	May 13	1,500
Traverse river.....	Calumet.....	Fred J. Ford.....	May 13	3,000
Little Traverse river.....	Schoolcraft and Calumet.....	Michael J. Kemp.....	May 13	3,000
Hill's creek.....	Schoolcraft.....	W. R. Bradford.....	May 13	3,000
McGun's creek.....	Calumet.....	Edward Bost.....	May 13	3,000
Swede Town creek.....	Calumet.....	Harry Herman.....	May 13	3,000
Branch of Ontonagon river.....	Calumet.....	P. O'Brien.....	May 13	3,000
Branch of Sturgeon river.....	47—35.....	E. M. MacPherran.....	May 30	1,500
Headwaters of Otter river.....	57—35.....	E. W. MacPherran.....	May 30	3,000
Headwaters of Pike river.....	Laird.....	O. W. Robinson.....	May 30	4,500
Stoney creek.....	Chassell.....	O. W. Robinson.....	May 30	4,500
Spring creek.....	Duncan and Bates.....	Wm. Kroll.....	May 30	3,000
Hope creek.....	Duncan and Bates.....	Wm. Kroll.....	May 30	1,500
Spargo creek.....	Duncan and Bates.....	Wm. Kroll.....	May 30	3,000
Beaver creek.....	Duncan.....	Wm. Kroll.....	May 30	6,000
Shane creek.....	Duncan.....	Wm. Kroll.....	May 30	7,500
Smith creek.....	Duncan.....	Wm. Kroll.....	May 30	4,500
White creek.....	Duncan.....	Wm. Kroll.....	May 30	4,500
White creek.....	Duncan.....	Wm. Kroll.....	May 30	3,000
Jumbo creek.....	Duncan and Bates.....	Wm. Kroll.....	May 30	3,000
<b>Huron county:</b>				
Allen creek.....	Sandy Beach.....	Bela W. Jenks.....	April 6	12,000
<b>Ingham county:</b>				
Willow creek.....	Vevay.....	L. C. Webb.....	Mar. 16	4,500
<b>Ionia county:</b>				
Pople brook.....	Ronald.....	Clark Reimer.....	Mar. 7	3,000
Faxon creek.....	Lyons.....	Joseph B. Miller.....	Mar. 8	1,500
Spire's Fletcher and Struble creeks.....	Lyons and others.....	Jess E. Tarbell.....	Mar. 8	4,500
Brown brook.....	North Plains and Ronald.....	Hiram M. Brown.....	Mar. 8	2,000
No name.....	Berlin.....	Frank Eddy.....	Mar. 8	1,500
Tibbet's creek.....	Berlin.....	Chas. Stein.....	Mar. 8	4,500
Hunt's creek.....	Boston and Berlin.....	John Wallington.....	Mar. 8	1,500
Pearshall creek.....	Boston and Keene.....	John Wallington.....	Mar. 8	1,500
Hawnt's creek.....	Boston.....	John Wallington.....	Mar. 8	1,500
Dexter creek.....	Easton.....	John Wallington.....	Mar. 8	1,500
Steven's creek.....	Keene and Easton.....	John Wallington.....	Mar. 8	1,500
Arnold's creek.....	Easton.....	John Wallington.....	Mar. 8	1,500
Williams creek.....	Otisco and Keene.....	Fred Condon.....	Mar. 15	2,000
Spalding's creek.....	Danby.....	H. Derby, L. Wilhelm.....	Mar. 15	2,000
Campbell creek.....	Portland.....	H. Derby, L. Wilhelm.....	Mar. 15	2,000
Torrance creek.....	Portland.....	H. Derby, L. Wilhelm.....	Mar. 15	2,000
Rice's creek.....	Danby.....	H. Derby, L. Wilhelm.....	Mar. 15	2,000
Monroe creek.....	Portland.....	H. Derby, L. Wilhelm.....	Mar. 15	2,000
Dilley's creek.....	Portland.....	H. Derby, L. Wilhelm.....	Mar. 15	2,000
Maynard creek.....	Portland.....	H. Derby, L. Wilhelm.....	Mar. 15	2,000
Water Spring brook.....	Otisco.....	C. M. Wise.....	Mar. 15	3,000
Spencer creek.....	Orleans.....	I. L. Hubbell.....	Mar. 15	4,500
Cannon's creek.....	Otisco.....	Dr. Jos. F. Pinkham.....	Mar. 15	3,000
Sealey creek.....	Otisco and Grattan.....	Dr. Jos. F. Pinkham.....	Mar. 15	3,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Iosco county:</b>				
East branch Au Gres river.....	Deposit, Sherman and others.....	J. A. Jackson.....	April 11	20,000
Kennedy creek.....	Grant and Sherman.....	J. A. Jackson.....	April 11	8,000
Silver, Gates and Cold creek.....	Grant and Sherman.....	C. W. Luce.....	April 16	30,000
<b>Iron county:</b>				
Deadman's creek.....	Crystal Falls.....	B. W. Goodsell.....	April 11	3,000
Deer river.....	Crystal Falls.....	Arvid Bjork.....	April 11	9,000
Morrison creek.....	Atkinson and Iron River.....	I. W. Byers.....	April 11	3,000
Iron river.....	Iron River.....	I. W. Byers.....	April 11	4,500
Iron River.....	Iron River.....	J. R. Lyons.....	April 11	10,500
Raymond creek.....	Mansfield.....	Geo. A. Moll.....	April 19	3,000
Head of Ford river.....	Mansfield.....	Fred Gage.....	April 19	1,500
Net river.....	Hemetite.....	Geo. Premo.....	April 26	15,000
New York creek.....	Hemetite.....	Geo. Premo.....	April 26	3,000
Little Hemlock.....	Hemetite.....	Geo. Premo.....	April 26	4,500
Holmes creek.....	Crystal Falls.....	Geo. Premo.....	April 26	4,500
Hemlock river.....	Hemetite.....	Geo. Premo.....	April 26	13,500
Deer river and tributaries above Deer lake.....	Crystal Falls.....	C. G. Campbell.....	May 15	3,000
Brule river.....	Crystal Falls.....	F. G. Hood & Co.....	May 15	15,000
<b>Isabella county:</b>				
Shafter's creek.....	Deerfield.....	Robert Hyslop.....	Mar. 6	3,000
Hensbatah creek.....	Deerfield.....	Robert Hyslop.....	Mar. 6	6,000
Upper Coldwater creek.....	Nottawa.....	Robert Hyslop.....	Mar. 6	6,000
Walker creek.....	Sherman.....	Robert Hyslop.....	Mar. 6	4,000
Walker creek.....	Coldwater and Sherman.....	R. Aylsworth.....	Mar. 6	4,000
Coldwater river.....	Gilmore, Nottawa and Deerfield.....	R. Aylsworth.....	Mar. 6	8,000
Jenner creek.....	Union.....	Geo. A. Chatterton.....	Mar. 11	1,500
Wheeler creek.....	Union.....	Geo. A. Chatterton.....	Mar. 11	3,000
Hibon creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	3,000
Zucker creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	3,000
Seymour creek.....	Gilmore.....	Geo. L. Granger.....	Mar. 11	3,000
Ingier creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	3,000
Wheeler creek.....	Union.....	Geo. L. Granger.....	Mar. 11	3,000
Sammon's creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	3,000
Thison creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 11	3,000
Coomer brook.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	3,000
Phillip's creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	4,500
Stoney creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	3,000
Campau creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 11	3,000
Labun creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 11	3,000
Perry creek.....	Gilmore.....	Geo. L. Granger.....	Mar. 11	3,000
Fussman creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 11	3,000
Wood's creek.....	Gilmore.....	Geo. L. Granger.....	Mar. 11	3,000
Tupman creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 11	4,500
Sucker creek.....	Gilmore.....	W. Hayward.....	Mar. 11	3,000
No name.....	Rolland.....	Ausel Moody.....	Mar. 13	1,500
Remok creek.....	Rolland.....	Ausel Moody.....	Mar. 13	1,500
Skunk creek and tributaries.....	Rolland.....	Ausel Moody.....	Mar. 13	7,500
Squaw creek.....	Bloomfield.....	P. J. Theisen.....	Mar. 13	3,000
Densmore creek.....	Rolland.....	H. L. Densmore.....	Mar. 13	1,500
Pumfrey creek.....	Rolland.....	H. L. Densmore.....	Mar. 13	1,500
Pony creek.....	Rolland and Bloomfield.....	H. L. Densmore.....	Mar. 13	4,500
Pine river.....	Rolland.....	H. L. Densmore.....	Mar. 13	7,500
Sawdy creek.....	Rolland.....	Newman Smith.....	Mar. 13	1,500
Boyer creek.....	Rolland.....	Newman Smith.....	Mar. 13	1,500
Bacock creek.....	Rolland.....	Newman Smith.....	Mar. 13	1,500
Demont Lake creek.....	Rolland.....	Newman Smith.....	Mar. 13	3,000
H. P. Smith creek.....	Rolland.....	Newman Smith.....	Mar. 13	1,500
West branch of Pine river.....	Rolland.....	Newman Smith.....	Mar. 13	4,500
West branch of Pine river.....	Rolland.....	Newman Smith.....	Mar. 13	6,000
Skunk creek and S. branch Pine river.....	Rolland.....	Neils C. Masson.....	Mar. 13	3,000
Ingden creek.....	Bloomfield.....	P. J. Theisen.....	Mar. 13	6,000
Headwaters of Little Salt.....	Lincoln.....	Geo. J. Poole.....	Mar. 29	6,000
Hubel creek.....	Isabella.....	Harry Hubel.....	Mar. 29	2,000
<b>Jackson county:</b>				
Spring brook.....	Hanover and Concord.....	F. W. McKenzie.....	Feb. 26	4,500
Tributaries to Kalamazoo river.....	Pulaski.....	F. W. McKenzie.....	Feb. 26	1,500
Petersen creek.....	Summit.....	C. M. Brown.....	Feb. 26	4,500
Spring brook.....	Devereaux.....	J. A. Eslow.....	Mar. 4	7,500
Spring brook No. 2.....	Concord.....	J. A. Eslow.....	Mar. 4	3,000
Picket's creek.....	Parma.....	J. A. Eslow.....	Mar. 4	3,000

Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Jackson county.—Continued.</b>				
Willow creek.	Grass Lake.	C. B. Coe.	Mar. 4	2,000
Grass Lake creek.	Grass Lake.	C. R. Smith.	Mar. 4	4,500
Ferguson's creek.	Grass Lake.	Geo. E. Ferguson.	Mar. 4	1,500
Reed creek.	Norvell.	M. O. Reed.	Mar. 4	1,500
Chayer and Swezey creeks.	Norvell.	F. W. Schofield.	Mar. 6	3,000
Cleland brook.	Hanover.	Wells W. Dew.	Mar. 6	3,000
Thompson brook.	Hanover.	Jeff Strale.	Mar. 6	2,000
Skinner and Rumsdell creeks.	Hanover.	W. C. Burdett.	Mar. 6	3,000
Marsh brook.	Norvell.	Fred Maurer.	Mar. 6	3,000
Headwaters of Kalamazoo river.	Hanover.	Geo. E. Beebe.	Mar. 6	6,000
Inlet to Brill's lake.	Leoni.	Geo. E. Beebe.	Mar. 6	3,000
Spring brook.	Parma and Springport.	Geo. E. Beebe.	Mar. 6	6,000
Sandstone creek.	Sandstone and Blackman.	Geo. E. Beebe.	Mar. 6	3,000
Wade creek.	Tompkins.	Geo. E. Beebe.	Mar. 6	7,500
Cutler creek.	Spring Arbor.	Geo. E. Beebe.	Mar. 6	7,500
Rice creek.	Parma.	Geo. E. Beebe.	Mar. 6	3,000
Snyder's creek.	Sandstone and Summit.	Geo. E. Beebe.	Mar. 6	3,000
Leoni creek.	Leoni.	Geo. E. Beebe.	Mar. 6	3,000
Willow creek.	Liberty.	Geo. E. Beebe.	Mar. 6	3,000
Fronch creek.	Summit.	Geo. E. Beebe.	Mar. 6	6,000
Beard's creek.	Leoni.	Vernon J. Elliott.	Mar. 25	4,500
Beaver Dam creek.	Sandstone.	G. L. Hunn.	Mar. 25	3,000
Winegar creek.	Parma.	G. L. Hunn.	Mar. 25	3,000
<b>Kalamazoo county:</b>				
Delano creek.	Cooper.	Chas. A. Wise.	Mar. 1	2,000
Yetter creek.	Several.	J. P. Follmer.	Mar. 1	6,000
Spring Run.	Several.	C. P. Pursel.	Mar. 1	6,000
Well's and Harper's creeks.	Schoolcraft.	Harry E. Neeley.	Mar. 1	3,000
Den Bleyker creek.	Comstock and Kalamazoo.	Ben O. Bush.	Mar. 1	3,000
Sumner creek.	Comstock.	G. Van Bochove & Bro.	Mar. 1	2,000
Meredith creek.	Portage.	G. Van Bochove & Bro.	Mar. 1	4,500
Hampden creek.	Schoolcraft.	Abe Van Bochove.	Mar. 1	2,000
Hampden creek.	Portage.	Louis L. Ballou.	Mar. 1	2,000
Campbell's creek.	Richland.	Louis L. Ballou.	Mar. 1	2,000
Asylum creek.	Kalamazoo.	Louis L. Ballou.	Mar. 1	3,000
Froke's creek.	Schoolcraft.	John E. Papst.	Mar. 4	1,500
Howland creek.	Charleston.	Marvin Gates.	Mar. 4	2,000
Mygatt creek.	Ross.	Wm. Parks.	Mar. 4	2,000
Hinton brook.	Charleston.	Wm. Parks.	Mar. 4	6,000
Four Mile creek.	Charleston.	H. D. Stretor.	Mar. 4	1,500
Hinton creek.	Comstock.	H. D. Stretor.	Mar. 4	1,500
Earl's creek.	Climax.	White Bros. & Co.	Mar. 4	4,500
No name.	Climax.	White Bros. & Co.	Mar. 4	6,000
Dornice creek.	Pavillion.	White Bros. & Co.	Mar. 4	6,000
Thil Race creek.	Climax.	White Bros. & Co.	Mar. 4	4,500
Guches creek.	Climax.	White Bros. & Co.	Mar. 4	4,500
<b>Kalkaska county:</b>				
Boardman river.	Whitewater.	Geo. G. White.	Mar. 30	10,000
Rapid river.	Clearwater.	C. M. Thinkham.	Mar. 30	12,000
Barker creek.	Clearwater.	G. D. Hammond.	Mar. 30	1,500
Headwaters of Rapid river.	Clearwater.	W. B. Stimson.	April 1st	30,000
Rugg pond.	Rapid river.	F. S. Wilson.	April 11	2,000
Rapid river.	Rapid river.	F. S. Wilson.	Mar. 11	16,000
Twenty-two creek.	Union.	Kingsley Sports'n's Club.	April 28	7,500
<b>Kent county:</b>				
Dutchman creek.	Tyrone.	F. R. Hayward.	Mar. 4	4,000
Barber creek.	Tyrone.	F. R. Hayward.	Mar. 4	1,500
Fenton creek.	Tyrone.	F. R. Hayward.	Mar. 4	3,000
Post creek.	Tyrone.	F. R. Hayward.	Mar. 4	15,000
Snow creek.	Tyrone.	F. R. Hayward.	Mar. 4	1,500
Spring brook.	Lowell.	Fred Jacobi.	Mar. 4	1,500
Kinyon creek.	Lowell.	Fred Jacobi.	Mar. 4	2,000
Koph creek.	Lowell.	Fred Jacobi.	Mar. 4	3,000
Baird creek.	Vergennes.	Fred Jacobi.	Mar. 8	3,000
Cherry creek.	Lowell.	Fred Jacobi.	Mar. 8	3,000
Water's creek.	Vergennes.	John Miller.	Mar. 8	1,500
Wood creek.	Vergennes.	Fred Condon.	Mar. 8	3,000
Cherry creek.	Lowell.	Fred Jacobi.	Mar. 8	1,500
Ryan creek.	Grand Rapids.	Geo. C. Bratt.	Mar. 14	1,500
Honey creek.	Grand Rapids.	Geo. C. Bratt.	Mar. 14	3,000
Hawthorne creek.	Plainfield.	Geo. C. Bratt.	Mar. 14	1,500
Indian Mill creek.	Walker.	Geo. C. Bratt.	Mar. 14	1,500

Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Kent county.—Continued.</b>				
Hill creek.	Ada.	Geo. C. Bratt.	Mar. 14	1,500
Hawkin creek.	Ada.	John M. Bennett.	Mar. 14	1,500
Ronan creek.	Ada.	John M. Bennett.	Mar. 14	1,500
Boylard's creek.	Ada.	John M. Bennett.	Mar. 14	1,500
Boyer creek.	Plainfield.	John M. Bennett.	Mar. 14	3,000
Honey creek.	Ada.	John M. Bennett.	Mar. 14	1,500
No name.	Plainfield.	John M. Bennett.	Mar. 14	3,000
Leavitt creek.	Ada.	John M. Bennett.	Mar. 14	3,000
Stropes and Berriger creeks.	Okakfield and Eureka.	E. A. Kemp.	Mar. 15	3,000
Beaver creek.	Okakfield and Eureka.	C. M. Wise.	Mar. 15	4,500
Stevens creek.	Okakfield.	C. M. Wise.	Mar. 15	3,000
Hutchin's creek.	Okakfield.	F. J. Cole.	Mar. 15	3,000
Black creek.	Nelson and Spencer.	F. E. Shattuck.	Mar. 16	6,000
Duke creek.	Nelson and Solon.	F. E. Shattuck.	Mar. 16	4,500
McFall's creek.	Solon.	Earl Rasco.	Mar. 16	1,500
Maston creek.	Spencer.	Geo. Lawson.	Mar. 16	1,500
Green's creek.	Solon.	C. A. Green.	Mar. 16	3,000
Spring creek.	Solon.	W. H. Wheeler.	Mar. 16	3,000
Dep creek.	Solon.	W. H. Wheeler.	Mar. 16	3,000
Becker creek.	Courtland.	W. H. Wheeler.	Mar. 16	3,000
Austin creek.	Courtland.	W. H. Wheeler.	Mar. 16	3,000
Big Cedar creek.	Nelson, Solon & Algoma.	W. H. Wheeler.	Mar. 16	6,000
Duke creek.	Nelson and Solon.	W. H. Wheeler.	Mar. 16	7,500
Little Cedar creek.	Nelson, Courtland & Algoma.	W. H. Wheeler.	Mar. 16	4,500
Gork's creek.	Plainfield.	F. L. Spooner.	Mar. 16	6,000
Mill creek.	Plainfield and Alpine.	F. L. Spooner.	Mar. 16	9,000
Egypt creek.	Ada.	E. J. Killian.	Mar. 16	3,000
Upper Bear creek.	Cameron.	Fay B. Huntley.	Mar. 16	3,000
Peck's creek.	Walker and Talmadge.	Fay B. Huntley.	Mar. 16	3,000
Blackskin creek.	Walker.	Fay B. Huntley.	Mar. 16	3,000
Jewel creek.	Wyoming.	Bernie McCarthy.	Mar. 16	2,000
Spring creek.	Solon and Nelson.	F. E. Shattuck.	Mar. 16	3,000
Snie's creek.	Sparta.	Leslie Watson.	Mar. 18	3,000
Wabnis creek.	Okakfield.	C. G. Keeler.	Mar. 26	6,000
Harvard creek.	Spencer.	Ed. Griswold.	Mar. 26	6,000
Crinion creek.	Okakfield.	Freeman Addis.	Mar. 26	4,500
Silver creek.	Sparta.	A. J. Boorum.	Mar. 29	1,500
Reed creek.	Algoma and Sparta.	A. J. Boorum.	Mar. 29	3,000
Cedar creek.	Algoma.	Geo. E. Rector.	Mar. 30	3,000
Stegman creek.	Courtland.	Geo. E. Rector.	Mar. 30	1,500
Miner creek.	Algoma.	Geo. E. Rector.	Mar. 30	1,500
<b>Keeweenaw county:</b>				
Gratiot river.		Douglas Boulton.	May 13	4,500
Tobacco river.		Caesar Borgo.	May 13	4,500
West branch Gratiot river.		James E. Fisher.	May 13	3,000
Black creek.		W. M. Lyon.	May 13	6,000
Ameek creek.	Allouez.	Judge Jackalo.	May 13	6,000
Montreal river and tribs.		P. D. MacNaughton.	May 13	7,500
Montreal river and tribs.	Grant.	Albert J. Davey.	May 13	7,500
Montreal creek and tribs.	Copper Range.	Joseph A. Ten Broeck.	May 13	7,500
Montreal creek and tribs.	Copper Harbor.	L. M. Rutledge.	May 13	7,500
Mink creek.	Copper Harbor.	Mortimer S. North.	May 13	3,000
French Annie creek.	Copper Harbor.	R. H. Read.	May 13	3,000
Garden brook.	Copper Range.	S. L. Dibble.	May 13	3,000
Manganese creek.	Copper Range.	J. A. Macauley.	May 13	3,000
Brennan's creek.	Grant.	John Gries.	May 13	3,000
Mason's creek.	Allouez.	E. H. Manger.	May 13	3,000
Mosquito creek.	Copper Range.	H. E. Williams.	May 10	3,000
Silver creek.		John H. Paull.	May 13	3,000
Traverse river.		Frank V. Bargaust.	May 13	4,500
Eagle river.	Eagle Harbor.	J. E. Shepard.	May 13	3,000
Trap Rock river.	Allouez & Schoolcraft.	E. W. Adams, M. D.	May 13	4,500
Tobacco river.	Grant.	Morgan Williams.	May 13	7,500
Traverse river.	Grant and Schoolcraft.	Dr. H. E. Sangster.	May 13	6,000
Meadow creek.	Allouez.	Chas. J. Webb.	May 13	6,000
Montreal river.	Grant.	Peter Charrier.	May 13	4,500
Jacob creek.	Eagle Harbor and Grant.	Joseph Jeffery.	May 13	1,500
Indian river.	Sherman.	John C. Vivian.	May 13	7,500
Silver river.	Sherman.	Rob't Vivian.	May 13	1,500
	Sherman.	W. R. Vivian.	May 13	3,000
	Eagle Harbor.	F. Beeswinger.	Mar. 13	3,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Lapeer county:</b>				
Guiles creek.....	Elba.....	Byron Guiles.....	Mar. 8	3,000
Inlet to Seven Ponds.....	Dryden.....	T. W. Van Kleek.....	Mar. 8	3,000
Indian creek.....	Imlay, Almont & Attica.....	Seth J. Hall.....	Mar. 8	4,500
Gravel creek.....	North Branch.....	H. G. Frees.....	Mar. 8	7,500
Cedar creek.....	No. Branch & Burnside.....	E. J. Thrasher.....	Mar. 8	3,000
Hough creek.....	Arcadia, Goodland and Burnside.....	E. J. Thrasher.....	Mar. 8	7,500
Black creek.....	Attica and Imlay.....	E. J. Thrasher.....	Mar. 8	6,000
White's creek.....	Deerfield.....	E. J. Thrasher.....	Mar. 8	4,500
Smith creek.....	Hadley.....	E. J. Thrasher.....	Mar. 25	1,500
Mott creek.....	Hadley.....	E. J. Thrasher.....	Mar. 25	3,000
Riddle creek.....	Deerfield.....	E. J. Thrasher.....	Mar. 25	3,000
Hunter's creek.....	Metamora and Lapeer.....	E. J. Thrasher.....	Mar. 25	7,500
Carpenter's creek.....	Mayfield.....	E. J. Thrasher.....	Mar. 25	3,000
Headwaters of Mill creek.....	Attica, Arcadia and Goodland.....	E. J. Thrasher.....	Mar. 25	7,500
Miller creek.....	Deerfield and Rich.....	E. J. Thrasher.....	Mar. 25	6,000
Haerle creek.....	Hadley and others.....	E. J. Thrasher.....	Mar. 25	6,000
Chapin brook.....	Deerfield and Rich.....	E. J. Thrasher.....	Mar. 25	4,500
Crawford creek.....	Oregon and Marathon.....	John Pyles.....	Mar. 25	7,500
McDonald creek.....	Oregon.....	Chas. Russell.....	Mar. 25	3,000
Lawrence creek.....	Oregon.....	Geo. Lawrence.....	Mar. 25	4,500
Booth creek.....	Metamora.....	C. C. Stevens.....	Mar. 25	1,500
Pine creek.....	Dryden and Metamora.....	C. C. Stevens.....	Mar. 25	3,000
Berrie creek.....	Metamora.....	C. C. Stevens.....	Mar. 25	4,500
Reed's brook.....	Metamora.....	C. L. Randall.....	Mar. 25	3,000
Borsig brook.....	Metamora.....	C. L. Randall.....	Mar. 25	3,000
Geo. Gleason creek.....	Metamora and Lapeer.....	George Gleason.....	Mar. 25	6,000
South branch Flint river.....	Dryden and others.....	George Gleason.....	Mar. 25	7,500
<b>Lake county:</b>				
North branch of P. M. river.....	Pleasant Plains.....	H. W. Davis.....	Mar. 20	15,000
Middle branch of P. M. river.....	Pleasant Plains.....	H. W. Davis.....	Mar. 20	12,000
Sanborn or Farnsworth creek.....	Pleasant Plains.....	H. W. Davis.....	Mar. 20	9,000
Middle branch Marquette river.....	Yates & Pleasant Plains.....	H. W. Davis.....	April 13	20,000
Baker, Loree, Lacey and Stearns creeks.....	Cherry Valley.....	Geo. M. Baylis.....	Mar. 20	12,000
Sweetwater creek.....	Elk.....	C. Hagerman.....	Mar. 20	4,500
Middle branch of P. M. river.....	Charles, Cherry Valley & Pleasant Plains.....	C. Hagerman.....	Mar. 20	12,000
Sanborn creek.....	17-13.....	C. Hagerman.....	Mar. 20	9,000
Switzer creek and springs.....	Cherry Valley.....	C. Hagerman.....	Mar. 20	3,000
Blood's creek.....	Cherry Valley.....	C. Hagerman.....	Mar. 20	4,500
Pine river.....	Burdell.....	H. W. Marsh.....	Mar. 23	18,000
Baldwin creek.....	Elk.....	H. W. Marsh.....	Mar. 23	18,000
Sauble river.....	Elk.....	H. W. Marsh.....	Mar. 23	21,000
Little river or north branch of Manistee.....	Ellsworth.....	H. W. Marsh.....	Mar. 23	15,000
Little Manistee river.....	Ellsworth.....	H. W. Marsh.....	Mar. 23	21,000
Pine and Little Manistee rivers.....	Dover, Ellsworth & Newkirk.....	Geo. Cutler.....	Mar. 23	46,000
Little Manistee and Sable rivers.....	Webster and Elk.....	Alice Kelley.....	Mar. 23	16,000
Middle branch.....	17 N. R. 12 West.....	J. H. Booth.....	Mar. 27	12,000
Denneher and Jenks creeks.....	Pleasant Plains.....	H. C. Crosby.....	Mar. 29	12,000
<b>Leelanau county:</b>				
Knox creek.....	Empire.....	E. R. Dailey.....	Mar. 26	3,000
Albrecht pond.....	Empire.....	D. H. Day.....	Mar. 26	3,000
No name.....	Solon.....	F. Nunemaker.....	Mar. 26	3,000
Second creek.....	Cleveland.....	Joseph Serson.....	Mar. 26	3,000
Clear brook.....	Solon and Kasson.....	John Nolan.....	Mar. 26	3,000
Third creek.....	Solon and Kasson.....	John Nolan.....	Mar. 26	3,000
First creek.....	Solon.....	John Nolan.....	Mar. 26	2,000
Mausau creek.....	Leelanau.....	D. Mendenhall.....	Mar. 28	3,000
Leo creek.....	Leelanau.....	D. Mendenhall.....	Mar. 28	3,000
Northport creek and pond.....	Leelanau.....	G. M. Dame.....	Mar. 28	6,000
Hondeck creek.....	Leelanau and Leland.....	G. M. Dame.....	Mar. 28	6,000
Ennis or Haines creeks.....	Leelanau.....	G. M. Dame.....	Mar. 28	6,000
Gill Pier creek and Big Spring.....	Leelanau.....	G. M. Dame.....	Mar. 28	6,000
Messeau's creek and pond.....	Sutton's Bay.....	G. M. Dame.....	Mar. 28	8,000
<b>Lenawee county:</b>				
Lime creek.....	Medina.....	O. E. Green.....	Mar. 25	7,500
Silver creek.....	Seneca.....	Chas. M. Butler.....	Mar. 25	6,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Livingston county:</b>				
Cranberry creek.....	Deerfield.....	T. F. Sweeney.....	Mar. 8	3,000
Denton creek.....	Tyrone.....	J. Max Davis.....	Mar. 8	3,000
Cornell creek.....	Tyrone.....	Wm. H. Callaghan.....	Mar. 8	3,000
Runyon creek.....	Tyrone.....	Hammond P. Perry.....	Mar. 8	2,000
Ore creek.....	Hartland and Brighton.....	B. T. O. Clark.....	Mar. 15	9,000
Warden's creek.....	Brighton & Genoa.....	B. T. O. Clark.....	Mar. 15	2,000
Stewart's creek.....	Hamburg.....	B. T. O. Clark.....	Mar. 15	2,000
Beech's creek.....	Brighton.....	B. T. O. Clark.....	Mar. 15	2,000
Walker's creek.....	Genoa and Hamburg.....	B. T. O. Clark.....	Mar. 15	4,000
Hummel creek.....	Green Oak.....	B. T. O. Clark.....	Mar. 15	2,000
Willard Beech creek.....	Brighton.....	B. T. O. Clark.....	Mar. 15	4,000
Burnham creek.....	Brighton and Genoa.....	B. T. O. Clark.....	Mar. 15	2,000
Woodruff creek.....	Hartland and Brighton.....	B. T. O. Clark.....	Mar. 15	6,000
Spring brook.....	Lyon and Green Oak.....	B. T. O. Clark.....	Mar. 15	8,000
McDonnell creek.....	Brighton.....	B. T. O. Clark.....	Mar. 15	2,000
South spring brook.....	Green Oak.....	B. T. O. Clark.....	Mar. 15	2,000
Weicher's creek.....	Genoa.....	B. T. O. Clark.....	Mar. 15	2,000
No name.....	Hartland.....	H. W. Franklin.....	Mar. 20	3,000
Preston creek.....	Tyrone.....	John Lyons.....	April 18	1,500
Shlaweas creek.....	Genoa.....	N. N. Sweet.....	April 27	3,000
<b>Luce county:</b>				
West heart creek.....	McMillen.....	R. C. Bradley.....	April 22	12,000
Two Branch Sage river.....	Pentland.....	D. C. McLeod.....	April 9	6,000
<b>Macomb county:</b>				
Lockwood creek.....	Washington.....	H. Glasford.....	Mar. 9	1,500
Freeman's creek.....	Bruce.....	H. W. Bradley.....	Mar. 9	3,000
Hosner creek.....	Bruce.....	H. W. Bradley.....	Mar. 9	1,500
Troop's creek.....	Bruce.....	H. W. Bradley.....	Mar. 9	1,500
Benjamin's creek.....	Washington.....	H. W. Bradley.....	Mar. 9	3,000
Moor creek.....	Richmond.....	F. W. McCall.....	Mar. 21	6,000
<b>Mackinac county:</b>				
Headwaters of Main Sage river.....	Hendricks.....	D. N. McLeod.....	April 9	6,000
Black river.....	Garfield.....	W. R. Callaway.....	April 9	9,000
Crow river.....	Newton.....	W. R. Callaway.....	April 9	9,000
Sage river.....	Hendricks.....	I. R. Edmans.....	May 14	4,500
Hendrie River.....	Hendricks.....	I. R. Edmans.....	May 14	4,500
<b>Marquette county:</b>				
West branch Escanaba river.....	Wells.....	E. W. Cottrell.....	April 19	15,000
North branch Escanaba river.....	44-26.....	I. Stephenson Co.....	April 19	9,000
Chandler brook.....	31-42-24.....	I. Stephenson Co.....	April 19	7,500
Ford river and tribs.....	43-26.....	I. Stephenson Co.....	April 19	3,000
North branch Ford river and Flat Rock.....	5-42-26.....	I. Stephenson Co.....	April 19	12,000
Chocolay river.....	West Branch.....	H. R. Harris.....	April 23	24,000
Garlic river.....	Powell.....	H. R. Harris.....	April 23	7,500
The Pup.....	Powell.....	H. R. Harris.....	April 23	3,000
Alder creek.....	Powell.....	H. R. Harris.....	April 23	3,000
Little Garlic.....	Powell.....	H. R. Harris.....	April 23	4,500
Wilson creek.....	Powell.....	H. R. Harris.....	April 23	3,000
Plugs creek.....	Chocolay.....	J. E. Burtless.....	May 3	1,500
Spring brook.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Cherry creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Little Garter creek.....	Marquette.....	J. E. Burtless.....	May 3	3,000
Thornton creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Ormsbee creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Johnson's creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Kellan's creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Harlow creek.....	Marquette.....	J. E. Burtless.....	May 3	3,000
Whitstone creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Morgan creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Schwitzer creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Guelph creek.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Little Dead river.....	Marquette.....	J. E. Burtless.....	May 3	1,500
Brown's creek.....	Marquette.....	Frank G. Jenks.....	May 3	1,500
Middle Island creek.....	Marquette.....	G. F. St. John.....	May 3	3,000
Headwaters of Horton's Mill creek and small lakes.....	Negaunee and Marquette.....	Fred H. Begole.....	May 3	7,500
Both, Burn's and headwaters of Little Garlic.....	49-N. R. 26 W.....	H. H. Williams.....	May 3	9,000
The Spruce.....	Michigan.....	O. E. P. Wood.....	May 3	3,000
No name.....	Michigan.....	Joe Comer.....	May 3	3,000
Trout Falls creek and Spurr river.....	Republic.....	C. W. Munson.....	May 3	12,000
Spruce river.....	Republic.....	C. W. Munson.....	May 3	4,500

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Marquette county.—Continued.</b>				
Michiganme river.....	Republic.	C. W. Munson.....	May 3	12,000
Beaver creek.....	Republic.	C. W. Munson.....	May 3	12,000
Bruso creek.....	Republic.	H. Bengston.....	May 3	6,000
Allen's creek.....	Humboldt.	D. T. Morgan.....	May 3	3,000
Captain's creek.....	Humboldt.	D. T. Morgan.....	May 3	3,000
West branch Escanaba river.....	Republic.	H. R. Gamble.....	May 3	7,500
Black river.....	Republic and Humboldt.	H. R. Gamble.....	May 3	7,500
Second river.....	Humboldt.	J. T. Pasco.....	May 3	3,000
Escanaba river.....	Humboldt.	J. T. Pasco.....	May 3	3,000
O'Neil's creek.....	Marquette.	J. T. Pasco.....	May 3	9,000
No name.....	Sands.	B. J. Goodman.....	May 3	3,000
Spring creek.....	Sands.	B. J. Goodman.....	May 3	1,500
No name.....	Sands.	B. J. Goodman.....	May 3	1,500
Ropes creek.....	48-27.	Carl Tellefsen.....	May 3	3,000
Little Dead river.....	49-27.	Carl Tellefsen.....	May 3	1,500
Wabman's creek.....	Ishpeming and Eby.	Geo. A. Newett.....	May 3	4,500
Dear creek.....	Ishpeming and Negaunee.	Geo. A. Newett.....	May 3	4,500
Mullin's creek.....	Ishpeming.	Geo. A. Newett.....	May 3	3,000
Escanaba river.....	Ishpeming, Eby and Humboldt.	Geo. A. Newett.....	May 3	3,000
Little Carp creek.....	Marquette and Negaunee.	Geo. A. Newett.....	May 3	12,000
Laughing Whitefish river.....	Ontonagon.	Jay W. Spear.....	May 3	3,000
North branch Ford river.....	43-26.	John R. Gordon.....	May 10	15,000
		I. L. Stephenson Co.....	April 19	4,500
<b>Manistee county:</b>				
Hatch's creek.....	Cleon and Springdale.	F. A. Mitchell.....	April 11	18,000
Bear creek.....	Springdale, Maple Grove and Brown.	F. A. Mitchell.....	Mar. 14	27,000
Claybank creek.....	Manistee.....	T. A. Brown.....	Mar. 14	7,500
Pine creek.....	Stronach and Eden.....	R. G. Peters.....	Mar. 14	6,000
Cedar creek.....	Maple Grove and Marilla.	T. G. Trimble.....	Mar. 14	9,000
Kaiser creek.....	Bear Lake and Maple Grove.	T. G. Trimble.....	Mar. 14	4,500
Beaver creek.....	Maple Grove.....	T. G. Trimble.....	Mar. 14	6,000
Pine creek.....	Brown and Stronach.....	T. G. Trimble.....	Mar. 14	7,500
Wilson's creek.....	Brown.....	Peter Schneider.....	Mar. 14	3,000
No name.....	Onekama.....	H. Ward Leonard.....	Mar. 14	3,000
Chief creek.....	Brown.....	Peter Schneider.....	Mar. 14	3,000
<b>Mason county:</b>				
Quinn creek.....	Summit.....	C. F. Lewis and G. T. Sands.....	Mar. 11	4,500
Nickerson creek.....	Summit.....	C. F. Lewis and G. T. Sands.....	Mar. 11	4,500
Freeman creek.....	Grant.....	Thos. S. Stephens.....	Mar. 14	7,500
Percival creek.....	Freesoil.....	Thos. S. Stephens.....	Mar. 14	3,000
Ryder's creek.....	Freesoil.....	Thos. S. Stephens.....	Mar. 14	4,500
Old Freesoil creek.....	Grant.....	C. B. Sherman.....	Mar. 14	4,500
Black creek.....	Sherman.....	F. D. Winnie.....	Mar. 14	3,000
Little Sauble river.....	Sherman.....	F. D. Winnie.....	Mar. 23	4,500
Silver creek.....	Sherman.....	F. D. Winnie.....	Mar. 23	3,000
Big Sauble river.....	Sherman.....	F. D. Winnie.....	Mar. 23	10,000
Branches of Weldon creek.....	Sheridan and Sherman.	J. N. Mack.....	Mar. 20	9,000
Bemis creek.....	Logan.....	W. M. Buffenbarger.....	Mar. 20	3,000
Carr creek.....	Logan.....	W. M. Buffenbarger.....	Mar. 20	4,500
Buck creek.....	Branch.....	C. Hagerman.....	Mar. 20	3,000
Weldon creek.....	Branch and Custer.....	C. Hagerman.....	Mar. 20	6,000
Black creek.....	Custer.....	J. J. Kehoe.....	Mar. 20	6,000
Lincoln river.....	Sherman.....	F. D. Winnie.....	Mar. 14	9,000
<b>Mecosta county:</b>				
Little Buckhorn creek.....	Green.	Mich. Fish Commission.....	Feb. 20	30,000
Little Buckhorn creek.....	Green.	Mich. Fish Commission.....	April 30	15,000
Big Buckhorn creek.....	Green.	Mich. Fish Commission.....	April 30	10,000
Cheney creek.....	Green.	Mich. Fish Commission.....	April 30	15,000
Paris creek.....	Green.	Mich. Fish Commission.....	April 30	10,000
Sandberg creek.....	Green.	Mich. Fish Commission.....	April 30	5,000
Harrick creek.....	Green.	Mich. Fish Commission.....	April 30	5,000
Abbey creek.....	Sheridan and Sherman.	R. Aylsworth.....	Mar. 6	4,500
Vliet creek.....	Colfax.....	Joseph Zimmer.....	Mar. 13	3,000
West-branch Pine river.....	Rolland.....	Newman Smith.....	Mar. 13	6,000
Black creek.....	Mill brook.....	Wm. A. Kidd.....	Mar. 13	4,500
Statfield creek.....	Mill brook.....	Peter Theisen.....	Mar. 13	3,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Mecosta county.—Continued.</b>				
Bamber creek.....	Sheridan.....	Peter Theisen.....	Mar. 13	6,000
Bingen creek.....	Wheatland.....	Peter Theisen.....	Mar. 13	3,000
Poney creek.....	Wheatland.....	Peter Theisen.....	Mar. 13	7,500
Indian creek.....	Sheridan.....	Peter Theisen.....	Mar. 13	9,000
West branch Pine river.....	Wheatland.....	Peter Theisen.....	Mar. 13	3,000
Ingram creek.....	Wheatland.....	Peter Theisen.....	Mar. 13	3,000
Abbey creek.....	Sheridan and Sherman.	G. A. Colgrove.....	Mar. 13	3,000
Squaw creek.....	Sheridan and Sherman.	C. E. Hatfield.....	Mar. 13	3,000
Little Muskegon river.....	Morton, Martiny and Hinton.	B. S. Henry.....	Mar. 13	9,000
Dye creek.....	Hinton.....	B. S. Henry.....	Mar. 13	3,000
West branch Little Muskegon river.....	Hinton.....	B. S. Henry.....	Mar. 13	6,000
Gilbert's creek.....	Morton and Martiny.....	B. S. Henry.....	Mar. 13	3,000
Morton and Martiny.....	Morton and Martiny.....	Ray Carman.....	Mar. 13	4,500
Pointer creek.....	Morton and Martiny.....	John Miller.....	Mar. 13	3,000
Marshfield creek.....	Colfax.....	J. W. Miller.....	Mar. 13	3,000
Sylvester creek.....	Colfax.....	Frank J. Rossmann.....	Mar. 15	3,000
No name.....	Morton and Hinton.....	W. A. Robbins.....	Mar. 15	1,500
Hinton.....	Hinton.....	C. W. Vining.....	Mar. 15	3,000
Thompson creek.....	Hinton.....	C. W. Vining.....	Mar. 15	3,000
Rhine creek.....	Big Rapids.....	E. C. Newcombe.....	Mar. 16	6,000
Mitchell creek.....	Big Rapids.....	J. W. Morton.....	Mar. 16	4,500
Tributaries to Little Muskegon river.....	Deerfield.....	Bert Buckley.....	Mar. 16	6,000
Cold Spring or Ganong creek.....	Big Rapids and Mecosta.....	C. D. Carpenter.....	Mar. 16	4,500
Falass creek or Betts creek.....	Mecosta.....	C. D. Carpenter.....	Mar. 16	3,000
<b>Menominee county:</b>				
Holmes creek.....	Holmes.....	Martin Farrell.....	April 9	3,000
East branch Pembina and Hay creeks.....	Holmes.....	Peter Laeroix.....	April 9	3,000
Pembina creek.....	Holmes.....	Theodore Knapp.....	April 9	4,500
Camp Two creek.....	Meyer.....	G. W. Earle.....	April 11	1,500
Camp Twelve creek.....	Meyer and Holmes.....	Elbert J. Clement.....	April 11	3,000
Vesper creek.....	Meyer.....	John H. Loomis.....	April 11	1,500
Camp Thirteen creek.....	Meyer.....	B. L. Mack.....	April 11	1,500
Holmes creek.....	Meyer.....	Byron J. Kent.....	April 11	3,000
Morrison's creek.....	Meyer.....	A. J. Kremer.....	April 11	1,500
Hay creek.....	Meyer and Holmes.....	J. D. Hayes.....	April 11	3,000
Camp Seven creek.....	Meyer.....	J. D. Hayes.....	April 11	3,000
Birch creek.....	Menominee.....	H. G. Bertholdt.....	April 16	4,500
Sucker creek.....	Menominee.....	A. A. Juttner.....	April 16	3,000
West branch of Little river.....	Menominee.....	R. A. Kirkham.....	April 16	4,500
Little river.....	Mellen.....	John Shote.....	April 16	6,000
Big brook.....	Menominee.....	R. A. Kirkham.....	April 16	6,000
Bear creek.....	Menominee.....	John Shote.....	April 16	6,000
Big creek.....	Menominee.....	John Shote.....	April 16	6,000
East branch Hay creek.....	Menominee.....	C. M. Hansen.....	April 16	4,500
Little Hay creek.....	Stephenson.....	R. C. Feister.....	April 16	4,500
Warner's brook.....	Stephenson.....	W. P. Kezar.....	April 16	1,600
Elward creek.....	Stephenson.....	W. P. Kezar.....	April 16	4,500
West branch Hay creek.....	Stephenson.....	Napoleon Lacomb.....	April 16	1,500
Hay creek.....	Stephenson and Holmes.....	S. Crawford & Sons.....	April 16	4,500
Sunny brook.....	Stephenson.....	W. A. Carlye.....	April 16	4,500
Holland brook.....	Stephenson.....	C. G. Walton.....	April 16	6,000
Spring creek.....	Stephenson and Cedarville.....	C. G. Walton.....	April 16	4,500
Branches and tributaries of Big and Little creeks.....	Nadeau.....	Peter Ganigan.....	April 16	3,000
Miller's brook, Frazer's Run and Holmes creek.....	Nadeau.....	Peter Ganigan.....	April 16	6,000
Wilson creek.....	Spaulding and Nadeau.....	G. T. Werline.....	April 16	12,000
Wilson and Forty-seven creeks.....	Spaulding, Nadeau and Cedarville.....	G. T. Werline.....	April 16	9,000
	Harris and Spaulding.....	J. L. Musson.....	April 16	4,500
	Harris.....	David Harris.....	April 16	4,500
<b>Missaukee county:</b>				
Clam river.....	Riverside and others.....	Hon. C. A. Brott.....	Mar. 7	24,000
Hopkins creek.....	Bloomfield and Caldwell.....	Chas. H. Bostick.....	Mar. 27	6,000
Morris creek.....	Caldwell.....	Chas. H. Bostick.....	Mar. 27	6,000
Golden creek.....	Caldwell.....	Chas. H. Bostick.....	Mar. 27	3,000
Haymarsh creek.....	West Branch and Enterprise.....	Chas. A. Miller.....	April 5	12,000
<b>Montcalm county:</b>				
Dickerson creek.....	Sidney and others.....	C. R. Sydman.....	Mar. 7	9,000
Bochman creek.....	Day and Sidney.....	T. S. Earle.....	Mar. 7	3,000
Sucker creek.....	Douglas and Pine.....	T. S. Earle.....	Mar. 7	3,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Montcalm county.—Continued.</b>				
Hemingway creek	Day and Douglas	T. S. Earle	Mar. 7	4,500
Lucas stream	Stanton, Sidney and Evergreen	T. S. Earle	Mar. 7	3,000
Chapin creek	Evergreen	N. W. Newhouse	Mar. 7	6,000
Hooker creek	N. W. Newhouse	N. W. Newhouse	Mar. 7	4,500
Fish creek	Day and Ferris	Wm. O. Rogers	Mar. 8	10,000
Sucker brook	Evergreen and Bloom	Wm. O. Rogers	Mar. 8	8,000
Lucas creek	Douglas	J. F. Tabor, M. D.	Mar. 8	3,000
Hemingway creek	Day and Douglas	J. F. Tabor, M. D.	Mar. 8	4,500
Wiles creek	Ferris and Montcalm	F. J. Graham	Mar. 8	3,000
Wolf creek	Home	J. J. Wait	Mar. 13	4,500
Skunk creek	Home	J. J. Wait	Mar. 13	3,000
Pine river	Home	J. J. Wait	Mar. 13	7,500
Wright creek	Home	J. J. Wait	Mar. 13	9,000
Sachet's creek	Home	J. J. Wait	Mar. 13	3,000
South branch Pine river	Home	J. J. Wait	Mar. 13	3,000
Wolf creek	Richard and Home	E. F. Curtis	Mar. 13	3,000
Sachet's creek	Home	J. J. Wait	Mar. 13	4,500
Inlet to Muscelonge lake	Maple Valley	J. J. Wait	Mar. 13	4,500
Horton Lake creek	Montcalm	Jensen Brothers	Mar. 15	3,000
Little Horton Lake creek	Montcalm	W. E. Rasmussen	Mar. 15	3,500
Horton creek	Montcalm	W. E. Rasmussen	Mar. 15	1,500
No name	Montcalm	W. E. Rasmussen	Mar. 15	3,000
Kortes creek	Montcalm	Otis Johnson	Mar. 15	1,500
West Lake creek	Pine	F. D. Briggs	Mar. 15	4,500
Proderick creek	Pine	F. D. Briggs	Mar. 15	4,500
West Branch creek	Pine	F. D. Briggs	Mar. 15	3,000
Hutchin's creek	Pine	F. D. Briggs	Mar. 15	3,000
Hunter's creek		C. L. and C. B. Rarden	Mar. 15	3,000
Snaky Run	Fairplains	C. L. and C. B. Rarden	Mar. 15	4,500
Turk Lake creek	Montcalm	C. L. Rarden	Mar. 15	6,000
Salt Marsh creek	Fairplains and Eureka	C. L. Rarden	Mar. 15	3,000
Beveridge creek	Fairplains and Eureka	C. L. Rarden	Mar. 15	3,000
Deckeron creek	Fairplains and Otisco	E. A. Kemp	Mar. 15	9,000
Brandy creek	Winfield	Dr. J. F. Pinkham	Mar. 15	9,000
Tamarack creek	Cato and Winfield	C. W. Vining	Mar. 15	3,000
Stoney creek	Cato and Winfield	C. W. Vining	Mar. 15	9,000
Cedar creek	Belvidere	B. F. Randall	Mar. 15	4,500
Black creek	Belvidere	R. and O. Fleck	Mar. 15	12,000
Tamarack creek	Belvidere and Millbrook	R. Fleck	Mar. 15	4,500
Rice creek	Reynolds	W. H. Lovely	Mar. 15	12,000
Alley creek	Pierson	J. G. Buck	Mar. 16	3,000
Grant creek	Pierson	Frederick Ashley	Mar. 16	3,000
Brandy creek	Pierson	F. E. Shattuck	Mar. 16	1,500
Rust creek	Winfield	James Briggs	Mar. 16	6,000
Outlet to Crystal lake	Winfield	James Briggs	Mar. 16	7,500
Handy creek	Crystal	C. W. LaDu	Mar. 26	3,000
Church creek	Reynolds	A. M. Cook	Mar. 30	4,500
	Winfield	J. A. Collins	Mar. 30	4,500
<b>Montmorency county:</b>				
Bullock creek	Rust	Richard Collins	April 9	4,000
Cool creek	Rust and Hillman	Richard Collins	April 9	8,000
Brush creek	Hillman	A. H. Briggs	April 9	8,000
East Branch	Metz and Belknap	J. M. Clark	April 9	10,000
Tomahawk creek	Metz, Belknap and Forest	J. M. Clark	April 9	6,000
Black river	J. M. Clark	J. M. Clark	April 9	26,000
No name	Montmorency and Long Rapids	Samuel Cannon	April 11	4,000
Gilchrist creek	Rust and others	William Krebs	April 11	16,000
<b>Muskegon county:</b>				
Merkes creek	Casnovia	J. O. Fraleigh	Mar. 4	3,000
Gilbert's creek	Casnovia	J. O. Fraleigh	Mar. 4	1,500
South Crookery creek	Casnovia	F. R. Hayward	Mar. 4	8,000
North Crookery creek	Casnovia	F. R. Hayward	Mar. 4	16,000
Little Bear creek	Dalton, Laketon & Muskegon	E. D. Magoon	Mar. 11	6,000
Silver creek	Blue Lake & Whitehall	E. D. Magoon	Mar. 11	8,000
Duck creek	Dalton and Fruitland	E. D. Magoon	Mar. 11	6,000
Big Black creek	Muskegon	E. D. Magoon	Mar. 18	7,500
Norris creek	Ravenna, Sullivan and Fruitland	E. D. Magoon	Mar. 18	7,500
Little Black creek	Muskegon	E. D. Magoon	Mar. 18	7,500
Ryerson creek	Muskegon	E. D. Magoon	Mar. 18	3,000
Cleveland creek	Blue Lake	E. D. Magoon	Mar. 18	12,000
Green's creek	Fruitland and Laketon	E. D. Magoon	Mar. 18	6,000

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Muskegon county.—Continued.</b>				
Cedar creek	Holton and Cedar Creek	E. D. Magoon	Mar. 18	10,500
Mosquito creek	Egelston	E. D. Magoon	Mar. 18	7,500
Stream on Secs. 4 and 5	Fruitland	Alfred Burland	Mar. 11	1,500
The Mill Pond	Whitehall	Alfred Burland	Mar. 11	3,000
Birch creek	Fruitland	Alfred Burland	Mar. 11	1,500
Carlson creek	Joseph Apoll	Joseph Apoll	Mar. 11	6,000
Flower creek	Montague	E. J. Burdick	Mar. 11	4,500
Coon creek	Montague	W. E. Osmun	Mar. 11	3,000
Flower creek	Muskegon & White River	Adam Born	Mar. 11	4,500
Sand creek	Blue Lake and Otto	Adam Born	Mar. 11	7,500
No name	Fruitland & Whitehall	J. E. Harrington	Mar. 13	1,500
Skeel's creek	Holton & Greenwood	Peter Jensen	Mar. 18	7,500
Cedar creek	Holton	Stephen Skeels	Mar. 18	10,500
North branch Skeel's creek	Holton	Chas. Jensen	Mar. 18	3,000
<b>Newaygo county:</b>				
Reynold's creek	Ensley	David Curtis	Mar. 16	3,000
Penoyer creek	Brook	S. D. Thompson	Mar. 18	4,500
Coalbrook creek	Everett	S. D. Thompson	Mar. 18	3,000
Biglow creek	Brooks Everett and Wilcox	S. D. Thompson	Mar. 18	7,500
White river	Wilcox	Branch Brothers	Mar. 18	12,000
Headwaters of White river	Wilcox	W. D. Hopkinson	Mar. 18	12,000
No name	Home	W. M. Jacques	Mar. 29	2,000
Trib. to Cedar creek	Troy	W. M. Jacques	Mar. 29	2,000
Meadow Lands brook	Home or 16—13	W. M. Jacques	Mar. 29	2,000
Winepasog creek	Home	W. M. Jacques	Mar. 29	6,000
South branch Pere Marquette river		Peter Currie, L. S. Griswold & H. I. Dresher	April 20	30,000
<b>Oakland county:</b>				
Headwaters of Huron river	Springfield & White Lake	W. C. Ainsley	Mar. 8	4,500
Headwaters of Huron river	White Lake & Springfield	B. T. Cooley	Mar. 8	4,500
Stoney creek	Addison, Bruce and Washington	H. W. Bradley	Mar. 9	4,500
Johnston creek	Milford	Wm. P. Johnston	Mar. 20	1,500
Petitbone creek	Milford	F. B. Hatch	April 20	3,000
Field's creek	Milford and Commerce	R. S. Potts	Mar. 20	3,000
Huron river and tribs.	Milford	T. H. Padley	Mar. 20	9,000
Robinson creek	Oxford	Albert E. Marshall	Mar. 25	1,500
Trib. to Paint creek	Oxford	Robert Marshall	Mar. 25	1,500
Lanning creek	Oxford	Robert Marshall	Mar. 25	3,000
Baldwin creek	Oxford	A. R. Bellaire	Mar. 25	1,500
Duck creek	Groveland	A. R. Bellaire	Mar. 25	4,500
Shadbolc creek	Orion	A. R. Bellaire	Mar. 25	3,000
Tanner's creek	Oxford	C. L. Randall	Mar. 25	1,500
Thurston's brook	Oakland	L. A. Randall	Mar. 25	3,000
Moyer's stream	Oxford	W. D. Miller	Mar. 25	1,500
Hummer creek	Orion	Andrew Sutherland	Mar. 25	1,500
Irish creek	Independence	E. J. Holland	Mar. 25	1,500
Townsend stream	Oxford	E. J. Holland	Mar. 25	3,000
Duck creek	Brandon & Groveland	B. G. Woolman	April 18	4,500
No name	Bloomfield	J. H. Bortle	April 18	6,000
No name	Bloomfield, Troy & Avon	J. H. Bortle	April 18	6,000
<b>Oceana county:</b>				
Pentwater river and tribs	Hart, Elbridge & Ferry	Frank P. Hillbourn	Mar. 11	12,000
Danielson creek	Hart	Frank P. Hillbourn	Mar. 11	4,500
Donaldson creek	Hart	Chas. R. Foote	Mar. 11	3,000
Lambert brook	Golden	Ira C. Ford	Mar. 11	3,000
Silver Lake creek	Golden	Edwin A. Post	Mar. 11	3,000
Miles creek	Golden	Edwin A. Post	Mar. 11	3,000
Weaver creek	Golden	Edwin A. Post	Mar. 11	3,000
Hunter A. creek	Golden	Edwin A. Post	Mar. 11	3,000
Meyer's creek	Golden	Edwin A. Post	Mar. 11	3,000
Pentwater river and tribs	Elbridge and Hart	Rufus W. Skeels	Mar. 11	12,000
Stony creek	Shelby and Benona	C. L. Churchill	Mar. 11	9,000
Hotby creek	Shelby and Benona	C. L. Churchill	Mar. 11	6,000
Robinson creek	Shelby, Benona & Ferry	C. L. Churchill	Mar. 11	6,000
Dorrance creek	Shelby and Benona	C. E. Ellis	Mar. 11	6,000
Big creek	Hart, Shelby & Benona	C. E. Ellis	Mar. 11	7,500
Robinson creek	Shelby	C. E. Ellis	Mar. 11	4,500
Burke creek	Shelby and Benona	C. E. Ellis	Mar. 11	1,500
Cedar creek	Weare and Crystal	C. F. Lewis & G. F. Sands	Mar. 11	7,500
Amly creek	Weare	C. F. Lewis & G. F. Sands	Mar. 11	3,000
Men's creek	Weare	C. F. Lewis & G. F. Sands	Mar. 11	1,500

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Oceana county.—Continued.</b>				
Duman creek	Weare	C. F. Lewis & G. F. Sands	Mar. 11	3,000
Hobby creek	Shelby and Benona	Harry L. Andrus	Mar. 11	2,000
Sand creek	Greenwood	H. E. Morris	Mar. 11	4,500
East Carleton creek	Grant	C. L. Burdick	Mar. 11	3,000
Sand creek	Grant	Chas. Smith	Mar. 11	7,500
Beaer creek	Otto	Thomas Cartright	Mar. 11	4,500
Carleton creek	Grant	Chas. Kruger	Mar. 11	6,000
Carleton creek	Grant	Maney Wilkison	Mar. 11	6,000
Little Carleton creek	Grant and Shelby	J. B. Conger	Mar. 11	7,500
Carleton creek	Shelby and Grant	J. B. Conger	Mar. 11	4,500
Piper creek	Shelby and Benona	A. E. Souter	Mar. 11	3,000
Cushman creek	Greenwood	S. L. Skeels	Mar. 18	7,500
Warren creek	Hart	R. De Vries	April 13	4,500
Lambrix creek	Golden	H. C. Newton	April 13	4,500
<b>Ogemaw county:</b>				
West branch Rifle river	West Branch	John Tolfree	April 3	18,000
East branch Tittabawassee river	Horton	John Tolfree	April 3	18,000
Middle branch of Tittabawassee river	Edwards & Clement	John Tolfree	April 3	8,000
Klacking creek	Klacking, West Branch & Ogemaw	John Tolfree	April 3	8,000
Weideman creek	West Branch	John Tolfree	April 3	6,000
Mansfield creek	Edwards	John Tolfree	April 3	6,000
Piper creek	Klacking & Cumming	John Tolfree	April 3	10,000
Wood's creek	West Branch	John Tolfree	April 3	4,500
Crapo creek	West Branch	John Tolfree	April 3	3,000
Hayes stream	West Branch	Thomas W. Hayes	April 3	1,500
No name	West Branch	Thomas W. Hayes	April 3	1,500
Green's creek	West Branch	Thomas W. Hayes	April 3	3,000
Vaughan creek	Rose and Cumming	James Naylor	April 11	4,000
Oyster creek	Rose	James Naylor	April 11	8,000
Gamble creek	Rose and Cumming	James Naylor	April 11	4,000
Benshetel creek	Goodar	M. E. Roe	April 11	4,000
Stewart creek	Goodar	Fred G. Wood	April 11	4,000
Watson creek	Goodar	Fred G. Wood	April 11	4,000
Trout creek	Goodar	Fred G. Wood	April 11	2,000
Thompson creek	Goodar	S. B. Warren	April 11	6,000
<b>Ontonagon county:</b>				
Mineral river	Carp Lake	Alex. W. McKenzie	May 10	4,500
Pine creek	Carp Lake	Geo. D. Robinson	May 10	3,000
Beaer creek	Ontonagon	Curtis L. Holoopeter	May 10	3,000
Floodwood creek	Ontonagon	Ira E. Bush	May 10	3,000
Beaver creek	Carp Lake	John F. Dreiss	May 10	3,000
Deer creek	Ontonagon	Chas. F. Roosen	May 10	4,500
Mill creek	Ontonagon	Chas. F. Roosen	May 10	4,500
Silver creek	Greenland	I. O. Molander	May 10	3,000
Little Sleeping river	Bohemia	James H. Heard	May 10	6,000
Fire Steel river	Ontonagon	F. W. Hahn	May 10	7,500
Middle branch of Paddy's creek	Ontonagon	F. W. Hahn	May 10	3,000
Second creek	Ontonagon	Daniel Wier	May 10	3,000
Cranberry creek	Ontonagon	Daniel Wier	May 10	7,500
Flint Steel river	Ontonagon	Alfred Rollansbee	May 10	7,500
Half Way creek	Ontonagon	James B. Corgan	May 10	3,000
Little Iron river	Carp Lake	James B. Corgan	May 10	7,500
Little Cranberry river	Ontonagon	T. A. Green	May 10	3,000
Town Line creek	Ontonagon and Carp Lake	T. A. Green	May 10	3,000
First Creek	Ontonagon	W. A. Jamison	May 10	3,000
Paddy's creek	Ontonagon	Fred E. Levend	May 10	3,000
Sucker creek	Rockland	J. W. Craig	May 10	1,500
Cushman creek	Rockland	J. W. Craig	May 10	1,500
Vogtlin creek	Rockland	Wm. P. Vogtlin	May 10	4,500
Sucker creek	Rockland	Wm. P. Vogtlin	May 10	4,500
Davey's creek	Rockland	Simon Bohan	May 10	1,500
Rubicon creek	Bohemia	Joseph Ouellette	May 10	3,000
Rosseau creek	Bohemia	J. D. Van Slyck	May 10	3,000
Baltimore creek	Stannard	J. N. Howlett	April 26	4,500
Deer creek	McMillan	Ed Schmitt	April 26	1,500
Spring creek	Haight	Almer B. Payne	April 26	3,000
Ten Mile creek	Haight	C. G. Morse	April 26	3,000
Bluff Creek	Haight	C. G. Morse	April 26	4,500
Clear creek	McMillan	Moore & McKerchen	April 26	7,500
Silver creek	McMillan	Alexander Turner	April 26	6,000
Mersaw creek	Matchwood	D. A. Kooker	April 30	9,000
Bergland creek	Matchwood	G. A. Bergland	April 30	4,500

## Brook Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Ontonagon county.—Continued.</b>				
Ontonagon river	McMillan	J. F. Fogelsong	April 30	9,000
Baltimore creek	McMillan	J. F. Fogelsong	April 30	6,000
Sisson and Lilly creeks	McMillan	J. F. Fogelsong	April 30	6,000
Ten Mile river	McMillan	J. F. Fogelsong	April 30	4,500
Branch of Trout creek	47—37	E. W. MacPherran	April 30	1,500
Branch of Ontonagon river	48—41	E. W. MacPherran	April 30	4,500
Baltimore creek	48—39	E. W. MacPherran	April 30	3,000
Perch creek	48—40	E. W. MacPherran	April 30	3,000
Branch of Ontonagon river	47—38	E. W. MacPherran	April 30	3,000
Merryweather creek	48—41	E. W. MacPherran	April 30	4,500
<b>Osceola county:</b>				
Hoffmeyer creek	Osceola	C. J. Mills	Mar. 20	3,000
Twin creek	Osceola	C. J. Mills	Mar. 20	6,000
Grindstone creek	Hartwick and Sylvan	C. J. Mills	Mar. 20	6,000
Sweet's creek and tributaries	Richmond	John Sweet	Mar. 27	1,500
Upper Sweet creek	Richmond	Louis H. Norman	Mar. 27	4,500
Jersey creek	Richmond	Louis H. Norman	Mar. 27	3,000
Johnson creek	Richmond and Chase	J. C. Holden	Mar. 27	7,500
Hewitt creek and tributaries	Richmond and Chase	J. C. Holden	Mar. 27	3,000
Hurst creek	Richmond and Lincoln	J. C. Holden	Mar. 27	3,000
Srain and Johnson creeks	Lincoln	L. W. Purchase	Mar. 27	6,000
North Jersey creek	Lincoln	L. W. Purchase	Mar. 27	15,000
Hersey creek	Lincoln	W. P. Young	Mar. 27	12,000
Arnold creek	Cedar and Lincoln	W. P. Young	Mar. 27	3,000
Beaver creek	Leroy	Geo. W. Kellogg	Mar. 27	7,500
Ghoet creek	Marion	Patrick White	Mar. 29	6,000
Glazier creek	Marion	Patrick White	Mar. 29	9,000
Highland creek	Highland	Patrick White	Mar. 29	9,000
Middle Branch Muskegon river	Marion	Patrick White	Mar. 29	18,000
<b>Osceola county:</b>				
Headwaters of Pigeon river	Livingston	Dr. N. L. Parmater	April 5	18,000
Main Sturgeon river	Livingston, Corwith and Nunda	D. M. Sly	April 5	18,000
Black river	Dover, Corwith & others	D. M. Sly	April 5	18,000
West branch of Sturgeon river	Corwith and Wilmot	D. M. Sly	April 5	10,000
Pigeon river	Dover, Corwith & Nunda	D. M. Sly	April 5	12,000
Sturgeon river	Corwith	D. M. Sly	April 16	30,000
Pigeon river	32 and 33, 1 and 2 W.	C. E. Cornwell	April 5	14,000
Trih. to Pigeon river at Cornwell's Mill	Corwith	C. E. Cornwell	April 5	4,000
Little Pigeon river	32—1 W.	R. W. Moore	April 5	10,000
<b>Oscoda county:</b>				
Stewart creek	Thompson	S. B. Warren	April 11	8,000
<b>Ottawa county:</b>				
Pine creek	Holland and Olive	C. M. Hausen	Feb. 25	8,000
Little Sand creek	Talmadge	Geo. C. Bratt	Mar. 14	1,500
Big Sand creek	Talmadge	Geo. C. Bratt	Mar. 14	6,000
No name	Talmadge	Geo. C. Bratt	Mar. 14	1,500
Big Pigeon river	Olive	C. McKinley	Mar. 18	6,000
<b>Presque Isle county:</b>				
Rainy river	Allis and North Allis	J. M. Clark	April 9	12,000
Little Rainy river	Allis	J. M. Clark	April 9	3,000
East branch of Rainy river	North Allis	J. M. Clark	April 9	6,000
Glazier's creek	Allis	J. M. Clark	April 9	3,000
Roger's creek	North Allis	J. M. Clark	April 9	2,000
Stony creek	Allis and North Allis	J. M. Clark	April 9	8,000
Gray's creek	Allis and Forest	J. M. Clark	April 9	2,000
<b>Roscommon county:</b>				
Big creek	Roscommon	Jos. Nichols & Jas Gilmore	April 3	3,000
Wolf creek	Roscommon	Henry H. Woodruff	April 3	12,000
Backus creek	Denton & Markey	Geo. Hartughe	April 3	8,000
South branch Au Sable river	Richfield & South Branch	Wm. F. Johnston	April 3	24,000
<b>Sanilac county:</b>				
Lambert creek	Sanilac	Jas. P. Morgan	Mar. 21	4,500
London creek	Sanilac	Wm. Wilsie	Mar. 21	4,500
Indian creek	Lexington	Wm. Wilsie	Mar. 21	4,500
Basler creek	Sanilac	George Platts	Mar. 21	4,500

## Brook Trout Plants, 1907.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Shiawassee county:</b>				
No name.....	Shiawassee.....	Hon. A. B. Cook.....	April 18	6,000
<b>Schoolcraft county:</b>				
Fuescher and Roberts creeks.....	Inwood.....	John P. Huebscher.....	April 9	9,000
Gulliver creek.....	Doyle.....	Geo. Ghent.....	April 9	7,500
Bear creek.....	Doyle.....	W. R. Callaway.....	April 9	7,500
East branch Fox river.....	Seney.....	Chas. O'Connor.....	April 22	6,000
Fox river.....	Seney.....	Chas. O'Connor.....	April 22	10,500
<b>St. Clair county:</b>				
West branch Pine river.....	Wales.....	G. W. Reish.....	Mar. 21	4,500
Masson creek.....	Mar. 21	Lincoln Avery.....	Mar. 21	4,500
Masson's creek.....	Kenocsee.....	Wm. Mason & Wm. Ardiel.....	Mar. 21	3,000
<b>St. Joseph county:</b>				
Hog creek.....	Lockport.....	Carl Klocke.....	Feb. 26	6,000
Portage river.....	Lockport.....	Warren Klocke.....	Feb. 26	7,500
Rock river.....	Flowerfield.....	Warren Klocke.....	Feb. 26	4,500
Keer creek.....	Lockport.....	Warren Klocke.....	Feb. 26	3,000
School creek.....	Flowerfield.....	Wm. J. Sloyer.....	Mar. 4	4,500
Spring Lake creek.....	Flowerfield.....	J. P. Foust.....	Mar. 4	4,500
No name.....	Lockport.....	C. R. Jackson.....	Mar. 6	3,000
Coon Holler creek.....	Flowerfield.....	C. R. Jackson.....	Mar. 6	3,000
Robinson creek.....	Sherman.....	Frank Kenyon.....	Mar. 6	4,500
<b>Tuscola county:</b>				
Mill creek.....	Dayton.....	C. L. Schram.....	April 16	1,500
Hunt's creek.....	Dayton.....	Ed. D. Cartwright.....	April 16	1,500
Sucker creek.....	Dayton.....	Arthur Haines.....	Mar. 21	6,000
No name.....	Dayton.....	Arthur Haines.....	Mar. 21	1,500
Herb creek.....	Freemont.....	Arthur Haines.....	Mar. 21	4,500
Houten creek.....	Freemont.....	Richard Wells.....	Mar. 21	4,500
Bear creek.....	Dayton.....	W. D. Mathews.....	Mar. 21	6,000
<b>Van Buren county:</b>				
Cold Spring brook.....	South Haven.....	Dr. C. W. Andrews.....	Feb. 25	3,000
Allen brook.....	Lawrence.....	Edward Allen.....	Feb. 25	1,500
Spring brook.....	Hartford.....	C. W. Danc.....	Feb. 25	3,000
Baker creek.....	Lawrence.....	C. W. Danc.....	Feb. 25	3,000
Fassett creek.....	Hamilton.....	C. W. Danc.....	Feb. 25	1,500
Brush creek.....	Lawrence.....	Clark Brothers.....	Feb. 25	6,000
Cutler brook.....	Lawrence.....	Clark Brothers.....	Feb. 25	1,500
Carter creek.....	Paw Paw creek.....	W. D. Clark.....	Feb. 25	3,000
Antwerp spring brook.....	Antwerp, Almena & Waverly.....	W. G. Weigle.....	Feb. 25	3,000
East branch Paw Paw river.....	Paw Paw and Antwerp.....	R. D. Loveland.....	Feb. 25	6,000
Hart's creek.....	Hartford.....	W. A. Palmer.....	Feb. 25	3,000
Four branches of Mill creek.....	Keeler and Watervliet.....	W. A. Palmer.....	Feb. 25	6,000
Hyde's creek.....	Lawrence and Hartford.....	W. A. Palmer.....	Feb. 25	3,000
Pine creek.....	Hartford and Keeler.....	W. A. Palmer.....	Feb. 25	6,000
Hall spring brook.....	Almena.....	Chas. A. Wise.....	Mar. 1	3,000
Paw Paw river.....	Antwerp.....	Chas. C. Giddings.....	Mar. 1	3,000
Cold brook.....	Antwerp.....	Chas. C. Giddings.....	Mar. 1	3,000
Shepard creek.....	Lawrence and Hamilton.....	Irvin McGowan.....	Mar. 1	1,500
Fassett creek.....	Hamilton.....	Irvin McGowan.....	Mar. 1	1,500
Cullmaine creek.....	Lawrence.....	Irvin McGowan.....	Mar. 1	3,000
North branch Dowagiac creek.....	Wayne and others.....	F. H. Coddling.....	Mar. 1	6,000
Mill creek.....	Geneva.....	J. F. Tolles.....	Mar. 30	3,000
<b>Washtenaw county:</b>				
Schultz creek.....	Dexter.....	Sanuel Schultz.....	Mar. 4	3,000
Mallett's creek.....	Pittsford.....	F. H. Tickner.....	Mar. 4	4,500
Iron creek.....	Manchester.....	A. J. Walters.....	Mar. 6	6,000
<b>Wayne county:</b>				
Orchard Hill spring brook.....	Plymouth.....	D. W. Packard.....	Mar. 15	3,600
<b>Wexford county:</b>				
Wheeler creek and branches.....	Wexford.....	G. A. Brigham.....	Mar. 14	12,000
Buttermilk creek.....	Greenwood.....	Chas. H. Bostick.....	Mar. 27	3,000
Silver creek.....	Collax.....	Chas. H. Bostick.....	Mar. 27	4,500
Chase creek.....	Liberty.....	Chas. H. Bostick.....	Mar. 27	3,000
Little Filer creek.....	Greenwood.....	R. B. De France.....	Mar. 28	3,000
Big Filer creek.....	Greenwood.....	R. B. De France.....	Mar. 28	4,500
Rose creek.....	Heads in Henderson.....	A. C. Pessenden.....	Mar. 29	6,000
Wheeler creek.....	Cherry Grove.....	A. C. Pessenden.....	Mar. 29	6,000
Clam river.....	Springville & Wexford.....	Mich. Fish Com.....	April 26	9,000
Fletcher creek.....	Springville & Wexford.....	Mich. Fish Com.....	April 26	9,000
Total.....				7,257,500

## Brook Trout Plants, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Alcona county:</b>				
Wolf creek.....	Mitchell.....	John A. Pettee.....	April 15	3,000
Silver creek.....	Mitchell.....	John A. Pettee.....	April 15	6,000
<b>Allegan county:</b>				
Silver creek.....	Gun Plains.....	Ed. J. Anderson.....	Mar. 7	2,000
Delano's and Abrams' creeks.....	Gun Plains and Otsego.....	Wm. Crispe.....	Mar. 7	2,000
Gregg creek.....	Wayland & Martin.....	Wm. Jones.....	Mar. 7	2,000
No name.....	Leighton.....	Alfred S. Nelson.....	Mar. 7	1,000
Mauer's creek.....	Clyde.....	W. H. Whitbeck.....	Mar. 17	4,500
Mann's creek.....	Manlius.....	C. L. Fosdick.....	Mar. 17	4,500
Bear creek.....	Heath.....	E. E. Walsh.....	April 4	6,000
Dowd's creek.....	Monterey, Heath & Salm.....	C. E. Bond.....	April 4	3,000
<b>Alpena county:</b>				
Sixteen creek.....	Alpena.....	Henry Bolton.....	April 9	1,500
Green.....	Alpena.....	A. W. Brown.....	April 14	3,000
Jewett creek.....	Alpena.....	A. W. Brown.....	April 14	3,000
Norwegian creek.....	Alpena.....	A. W. Brown.....	April 14	4,500
King creek.....	Wilson.....	A. W. Brown.....	April 14	4,500
Breen creek.....	Green.....	Fred Ward.....	April 15	6,000
<b>Antrim county:</b>				
Jordan river.....	Chestonia and Jordan.....	A. C. Fenn.....	Mar. 23	22,500
Cold creek.....	Custer.....	A. C. Fenn.....	Mar. 23	3,000
Custer and Helena.....	C. L. Bailey.....	Mar. 23	3,000	
Finch creek.....	Mancelona.....	C. L. Bailey.....	Mar. 23	12,000
Headquarters of Cedar river.....	C. W. Crapo.....	Mar. 23	2,000	
Solon creek.....	Custer.....	J. W. Verdier.....	Mar. 23	6,000
Cedar river.....	Mancelona.....	H. W. Sloat.....	Mar. 25	2,000
Cascade creek.....	Chestonia.....	Henry Verdier.....	Mar. 25	2,000
Barker and Thompson's creek.....	Jordan.....	Europey Brothers.....	April 1	4,500
McAllister creek.....	Echo.....	W. H. McAllister.....	April 1	1,000
Norman Beal creek.....	Echo.....	Peri Beal.....	April 1	1,000
Beal creek.....	Echo.....	Asa Beal.....	April 1	1,000
Petrie creek.....	Echo.....	Walter Petrie.....	April 1	1,000
Clark creek.....	Echo.....	Ed Clark.....	April 1	1,000
Sand Hill creek.....	Echo.....	Henry Greshman.....	April 1	1,000
Gilman Willson creek.....	Echo.....	Gilman Willson.....	April 1	1,000
Edman Willson creek.....	Echo.....	Edman Willson.....	April 1	1,000
E. Barnes creek.....	Echo.....	E. Barnes.....	April 1	1,000
William Spence creek.....	Echo.....	William Spence.....	April 1	1,500
McMulin creek.....	Echo.....	Duncan McMellen.....	April 1	1,000
Derwood Willson creek.....	Echo.....	Derwood Willson.....	April 1	1,000
Charles Parker creek.....	Echo.....	Charles Parker.....	April 1	1,000
No name.....	Echo.....	J. H. Edgerton.....	April 1	1,000
Kocher creek.....	Jordan.....	Mrs. J. H. Kocher.....	April 1	1,000
No name.....	Jordan.....	J. H. Kocher.....	April 1	1,000
Henning creek.....	Echo.....	John Henning.....	April 1	1,000
Button creek.....	Button creek.....	German Button.....	April 1	2,000
La Valey creek.....	Echo.....	Freeman La Valey.....	April 1	1,000
Sabin creek.....	Echo.....	William Sabin.....	April 1	1,000
S. Barnes creek.....	Echo.....	Solon Barnes.....	April 1	1,000
James Barnes creek.....	Echo.....	James Barnes.....	April 1	2,000
Hillman's creek.....	Banks.....	L. Van Skiver.....	April 1	2,000
Penfil creek.....	Banks.....	Wm. Slough.....	April 1	2,000
Noyes creek.....	Banks.....	W. A. Boss.....	April 1	1,000
Dyer creek.....	Banks.....	C. S. Campbell.....	April 1	2,000
Campbell's creek.....	Banks.....	C. S. Campbell.....	April 1	2,000
John Smith creek.....	Echo.....	John Smith.....	April 1	1,000
Cady creek.....	Central Lake.....	W. S. Richardson.....	April 1	3,000
Morlan creek.....	Central Lake.....	O. P. Barber.....	April 1	1,000
Burdick creek.....	Central Lake.....	O. P. Barber.....	April 1	1,000
Shanty creek.....	Custer.....	A. B. Wooton.....	April 1	1,000
No name.....	Forest Home.....	A. B. Wooton.....	April 1	1,000
Cedar river.....	Kerney.....	A. B. Wooton.....	April 1	6,000
Paradise creek.....	Milton.....	F. S. Wilson.....	April 1	2,000
Mitchell creek.....	Milton.....	F. S. Wilson.....	April 1	2,000
<b>Arenac county:</b>				
Cedar creek.....	Turner.....	Joseph Clukey.....	April 15	6,000
Dead branch.....	Deep river and Arenac.....	C. D. Brooks.....	April 15	7,500
Plains creek.....	Mason.....	C. D. Brooks.....	April 15	3,000
Town Line creek.....	Mason and Clayton.....	C. D. Brooks.....	April 15	4,500
Big creek.....	Mason, Turner & Au Gres.....	C. D. Brooks.....	April 15	9,000
Cedar creek.....	Mason.....	Rollin J. Spofford.....	April 15	6,000



## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Alger county:</b>				
Grand Marais Lake	Burt.	N. W. Nettleton	Mar. 14	4,500
Headwaters of west branch of Sucker creek	Burt.	C. Williams	Mar. 14	3,000
Sucker creek	Burt.	T. J. McCann	Mar. 14	7,500
Grand Marais creek	Burt.	T. J. McCann	Mar. 14	3,000
Big Indian creek	Au Train	Will F. Cox	Mar. 14	6,000
Cold Spring creek	Au Train	Will F. Cox	Mar. 14	1,500
Furnace creek	Munising	H. A. St. John	Mar. 15	4,500
Buck creek	Munising	H. A. St. John	Mar. 15	3,000
Stutt's creek		H. A. St. John	Mar. 15	3,000
Bohemian creek		H. A. St. John	Mar. 15	3,000
Anna river	Munising	H. A. St. John	Mar. 15	4,500
Branches of North Manistee river		H. A. St. John	Mar. 15	7,500
Slopneck creek	Rock River	H. R. Harris	Mar. 15	6,000
Au Train river	Rock River	H. R. Harris	Mar. 15	7,500
Miner's river	Munising	H. R. Harris	Mar. 15	6,000
<b>Baraga county:</b>				
Cliff creek	Spurr	Peter Trudell, Jr.	May 5	1,500
Outlet of Trout creek	Spurr	Peter Trudell, Jr.	May 5	1,500
Outlet of Three Lakes	Spurr	Peter Trudell, Jr.	May 5	3,000
McDonald creek	Spurr	Peter Trudell, Jr.	May 5	1,500
Canal creek	Spurr	Peter Trudell, Jr.	May 5	1,500
Nestoria creek	Spurr	Peter Trudell, Jr.	May 5	1,500
Sidway creek	48-32	E. W. MacPherran	May 5	21,000
Branch of Sturgeon river	48-34	E. W. MacPherran	May 5	3,000
Streams about 27½ Mile Post	48-34	E. W. MacPherran	May 5	4,500
Perch creek	48-25	E. W. MacPherran	May 5	3,000
Six Mile creek	Baraga	Joseph Getzen	May 8	3,000
Hersey creek	Baraga	Joseph Getzen	May 8	3,000
Gallagher creek	Baraga	John A. Cochran	May 8	3,000
Clear creek	Baraga	John A. Cochran	May 8	3,000
Pine creek	Baraga	John A. Cochran	May 8	3,000
Carp river	Baraga	John A. Cochran	May 8	3,000
Cosgrove's creek	Baraga	Louis Robillard	May 8	3,000
Blumbago creek	Baraga	Sol Lavock	May 8	3,000
Sturgeon river	Laird, Elm River and others.	J. M. Cahoon	May 8	7,500
<b>Barry county:</b>				
Cedar creek	Hope and Barry	Frank Doster	Mar. 7	2,000
Briggs brook	Woodland	Mel Manning	Mar. 7	2,000
Stite cool brook	Barry	M. Branstetter	Mar. 7	1,000
Bostwick creek	Hope and Barry	Ellis E. Faulkner	Mar. 7	1,000
Verbridge creek	Hope	E. R. Conrad	Mar. 7	2,000
McCormick creek	Hope	Edgar Otis	Mar. 7	1,000
Mink or Collins creek	Rutland	A. N. McCorty	Mar. 7	2,000
Glass creek	Hope and Rutland	L. McCorty	Mar. 7	2,000
Fall creek	Hope	Andrew Carpenter	Mar. 7	1,000
Shepherd creek	Orangeville	Frank E. Harper	Mar. 7	1,000
Hough creek	Orangeville	Frank E. Harper	Mar. 7	1,000
Crooked brook		F. H. Skinner	Mar. 13	2,000
Ellis brook	Assyria	Geo. H. Williams	Mar. 13	4,000
Hersey creek	Hastings	Jay Blakney	Mar. 16	1,000
Fall creek	Several	F. H. Barlow	Mar. 16	4,000
Tamarack creek		John L. Lyons	Mar. 16	1,000
West creek	Hastings and Rutland	Geo. W. Stowell	Mar. 16	1,000
Horn creek	Hope and Baltimore	Keo Silsbee	Mar. 16	2,000
Lane creek	Rutland	Shirley Menness	Mar. 16	1,000
Murry creek	Baltimore	C. H. Osborne	Mar. 16	2,000
Smith or Irving brook and Travis brook	Travis	W. J. Michael	Mar. 16	3,000
Hill creek	Yankee Springs & Irving	W. J. Michael	Mar. 16	2,000
Last Chance creek	Yankee Springs and Thorn apple	W. J. Michael	Mar. 16	3,000
Mitchell brook	Irving and Rutland	W. J. Michael	Mar. 16	2,000
Bentley creek	Hastings	Fred C. Foster	Mar. 16	1,000
Heney creek	Hastings	Jay Blakney	Mar. 16	1,000
<b>Berrien county:</b>				
Pipestone creek	Pipestone	Samuel Jones	Mar. 10	2,000
Sevens creek	Pipestone	Samuel Jones	Mar. 10	1,000
Smith's creek	Watervliet	Frank Tucker	Mar. 17	1,500
Farmer's creek	Berrien and Pipestone	Tage Mony	Mar. 17	4,500
Hip Hollow creek	Berrien	Dr. R. C. Allen	Mar. 17	1,500
Blue creek	Bainbridge and Benton	A. Ricaby	Mar. 17	4,500
Lemon creek	Oronoko	W. J. Luckner	Mar. 17	3,000
Edison creek	Oronoko	W. J. Luckner	Mar. 17	1,500

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Berrien county.—Continued.</b>				
Branch of Hickory creek	St. Joseph	W. J. Luckner	Mar. 17	3,000
Smith or Price creek	Buchanan	W. J. Luckner	Mar. 17	1,500
McCords creek	Benton	J. W. Isbell	Mar. 17	3,000
Ester's creek	Buchanan	J. W. Isbell	Mar. 17	2,000
Common creek	Oronoko	J. W. Isbell	Mar. 17	3,000
Walton creek	Niles	A. F. Herring	Mar. 17	3,000
Townsend creek	Berrien	Claud Herring	Mar. 17	3,000
Dickinson creek	St. Joseph	Frank Herring	Mar. 17	2,000
Hickory creek	Lincoln, St. Joe & Lake	Frank Herring, Sr.	Mar. 17	3,000
Yellow creek	Royalton	Frank Herring, Sr.	Mar. 17	2,000
Brandywine creek	Niles	E. E. Woodford	Mar. 24	2,000
Jinks creek	Niles	Myron E. Marrs	Mar. 24	1,000
<b>Branch county:</b>				
Stancer creek	Union	W. W. Hubbard	Mar. 14	1,000
Sheneman creek	Batavia	Milton McCurley	Mar. 24	2,000
Sheneman creek	Batavia	C. D. Warner	Mar. 24	1,000
No name	Coldwater	F. T. Tappan	Mar. 24	2,000
Haines creek	Batavia	Clinton Smead	Mar. 24	2,000
<b>Benzie county:</b>				
Heron creek and others	Joyfield and Blaine	B. Little & D. Geddes	Mar. 25	6,000
Perry's creek	Benzonia	D. E. Burns	Mar. 25	3,000
Crystal creek	Benzonia	D. E. Burns	Mar. 25	3,000
Betsy river		F. A. Mitchell	April 1	18,000
Platte river	Inland, Homestead and Benzonia	F. A. Mitchell	April 24	27,000
Platte river		Traverse City Rod & Gun Club	April 3	12,000
South Branch	Homestead, Benzonia, Inland and Almira	I. P. Covey	April 3	12,000
Spring brook or Colton creek	Homestead	I. P. Covey	April 3	4,500
Brundage creek	Inland	I. P. Covey	April 3	3,000
Carter's creek	Homestead	I. P. Covey	April 3	4,500
North Platte creek	Platt	I. P. Covey	April 3	6,000
Collision creek	Homestead	I. P. Covey	April 3	4,500
Other creek	Platte	F. R. Dailey	April 3	3,000
Other creek	Lake	Wm. M. Carter	April 4	3,000
North Branch	Almira	John Parker	April 4	3,000
Rosa creek	Almira	Daniel S. Willard	April 7	3,000
Ransom creek	Almira	G. F. Decker	April 7	3,000
<b>Calhoun county:</b>				
Chamberlain drain	Homer	C. Riblet	Mar. 12	2,000
Rishel's creek	Leroy	Vern E. Rishel	Mar. 12	2,000
Shannon brook	Leroy	Fred S. Hall	Mar. 12	1,000
Record	Leroy	Fred S. Hall	Mar. 12	1,000
McShannon brook	Leroy	Frank Hurd	Mar. 12	1,000
Doubleday creek	Leroy	William Doubleday	Mar. 12	1,000
Fuller creek	Leroy	Wm. F. Schafhauser	Mar. 12	1,000
Pine creek	Leroy	Wm. F. Schafhauser	Mar. 12	5,000
Corey creek	Leroy	M. S. Emmons	Mar. 12	2,000
Corey's creek	Leroy	Donald Houghton	Mar. 12	1,000
Nixon or Seidorff brook	Athens	Frank E. Nixon	Mar. 12	1,000
Hunt stream	Leroy	W. J. Hagelshaw	Mar. 12	1,000
Shannon creek	Leroy	C. W. Willis	Mar. 12	2,000
Kelsey creek	Leroy	H. G. Shannon	Mar. 12	2,000
Kelsey brook	Leroy	John Glaw	Mar. 12	2,000
Morgan brook	Leroy	John Glaw	Mar. 12	1,000
Servis creek	Leroy	John Glaw	Mar. 12	1,000
Davis creek	Leroy	E. H. Watrous	Mar. 12	1,000
Richardson's creek	Leroy	E. H. Watrous	Mar. 12	1,000
Gould creek	Athens	George Harvey	Mar. 12	1,000
Helmer's brook	Battle Creek	E. J. Cross	Mar. 12	2,000
Seven Mile brook	Bedford	Geo. H. Williams	Mar. 13	3,000
Pigeon creek	Bedford	W. H. Skinner	Mar. 12	2,000
Eagle brook	Bedford	Smith Bramble	Mar. 13	3,000
Minges creek	Emmett	Stephen J. Rathbun	Mar. 13	1,000
Seven Mile creek	Bedford	H. R. Kingsman	Mar. 13	2,000
Gulf creek	Emmett	Geo. A. Southerton	Mar. 13	2,000
Wood creek	Emmett	Chas. C. Green	Mar. 13	1,000
Richardson's creek	Newton	C. M. Hall	Mar. 14	1,000
Wheeler creek	Leroy and Athens	Chas. H. Lowell	Mar. 14	2,000
Wrey creek	Athens	Chas. Parks	Mar. 14	1,000
	Leroy	Cookson Long	Mar. 14	1,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Calhoun county.—Continued.</b>				
Harsh brook	Burlington.	J. J. Banford	Mar. 14	1,000
Turtle Lake Outlet	Burlington.	A. H. Marsh	Mar. 14	1,000
Lowell creek	Burlington.	D. D. Buell	Mar. 14	1,000
Baker's creek	Burlington.	D. D. Buell	Mar. 14	1,000
Allan brook	Burlington.	C. H. Lowell	Mar. 14	1,000
Hazelnut creek	Burlington.	H. T. Carpenter	Mar. 14	1,000
Olds creek	Newton.	H. T. Carpenter	Mar. 14	1,000
Thompson creek	Athens.	A. E. Carpenter	Mar. 14	2,000
Talmadge brook	Newton.	J. R. Patterson	Mar. 14	2,000
Bear creek	Marshall and Fredonia.	E. L. Holmes	Mar. 14	2,000
Rice creek	Marshall.	J. F. Garwood	Mar. 14	2,000
Brace Lake drain and Wilder creek	Marengo.	H. H. Faulkner	Mar. 14	4,000
	Eckford and Marengo	F. A. Stuart	Mar. 14	5,000
<b>Cass county:</b>				
Atwood creek	Wayne	Fred Phillips	Mar. 10	1,000
Glenwood creek	Wayne	Fred Phillips	Mar. 10	4,000
Hampton creek	Wayne	Fred Phillips	Mar. 10	2,000
Peavine and McKinney creeks	Pokagon	Fred Phillips	Mar. 10	3,000
Pokagon creek	Pokagon	Fred Phillips	Mar. 10	2,000
Anthony creek	Silver creek	Fred Phillips	Mar. 10	1,500
Big Dowagiac creek	Wayne, Silver creek and Pokagon	Fred Phillips	Mar. 10	4,500
Yaw creek	Silver creek	Fred Phillips	Mar. 10	1,000
McOmer creek	Silver creek	Fred Phillips	Mar. 10	1,000
Clendennen creek	Silver creek	Fred Phillips	Mar. 10	1,000
Silver creek	Silver creek	Fred Phillips	Mar. 10	2,000
Miller creek	Pokagon	Fred Phillips	Mar. 10	1,000
Starret creek	Wayne	Fred Phillips	Mar. 10	1,000
Kenney creek	Wayne	Fred Phillips	Mar. 10	1,000
Broadhurst creek	Wayne	Fred Phillips	Mar. 10	1,000
Carmen creek	Wayne	Fred Phillips	Mar. 10	1,000
Pine Lake creek	Wayne & Silver Creek	S. P. Mosher	Mar. 10	1,000
Cook's Lake creek	Wayne & Silver Creek	Chris A. Hux	Mar. 10	1,000
Pokagon creek	Pokagon	Jay F. Mendenhall	Mar. 10	2,000
Pokagon creek	Pokagon & La Grange	M. W. Merritt	Mar. 10	3,000
Shaw's creek	Jefferson	C. H. Kimmeler	Mar. 14	2,000
Continental Mill creek	La Grange	C. H. Kimmeler	Mar. 14	2,000
Van Ripper creek	Pokagon	John Wyant	Mar. 17	1,000
Williams brook	Pokagon	John Wyant	Mar. 17	2,000
Pierson creek	Pokagon	John Wyant	Mar. 17	1,000
Kinsey creek	Howard	Myron E. Marrs	Mar. 24	3,000
Ridgeley creek	Marcellus	S. J. Andrews	Mar. 25	3,000
Rocky river	Marcellus	C. S. Jones	Mar. 25	4,500
<b>Charlevoix county:</b>				
Bear creek		W. B. Stimson	Mar. 25	20,000
Findley creek	Boyne Valley	J. L. A. Galster	Mar. 25	2,000
South Boyne river	Boyne Valley	J. L. A. Galster	Mar. 25	8,000
North Boyne river	Springdale & Boyne Valley	J. L. A. Galster	Mar. 25	8,000
Deer creek		J. L. A. Galster	Mar. 25	8,000
Brown's creek	South Arm	Carl Stroebel	April 1	7,500
Jordan river	South Arm	W. A. Stroebel	April 1	5,000
Munroe creek	South Arm	Clyde Hipp	April 1	3,000
McGougis creek	Marion	L. D. Bartholomew	April 1	3,000
Storms creek	Marion & Charlevoix	L. D. Bartholomew	April 1	3,000
Nowland's creek	Marion and Eveline	L. D. Bartholomew	April 1	3,000
Irman creek	Echo	C. D. Denney	April 1	2,000
St. Clair creek		C. S. Campbell	April 1	2,000
Deer creek	Wilson and South Arm	Carl Stroebel	April 1	3,000
<b>Clinton county:</b>				
Jennison creek	Eagle	F. L. Berry	Mar. 26	1,000
School Section creek	Essex	Geo. H. Soule	Mar. 30	3,000
Lost creek	Dallas	Joseph B. Miller	Mar. 30	1,000
Fuller creek	Dallas	Joseph B. Miller	Mar. 30	1,000
<b>Cheboygan county:</b>				
Muner's creek	Wilmot	Chas. York	April 3	1,500
McFee creek	Nunda	B. F. Stiber	April 3	1,500
Lower Little Pigeon	Koehler and Walker	M. A. McHenry	April 3	6,000
Big Sturgeon river	Tuscarora and others.	H. R. Field	April 3	32,000
West branch Little Sturgeon	Tuscarora, Koehler and Ellis	J. W. Lester	April 3	6,000
Nigger creek	Burt	W. F. DePuy	April 3	6,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Cheboygan county.—Continued.</b>				
Little Black river	Beaumont	Arthur R. Massey	April 3	4,500
Elliott creek	Benton	Wm. E. Shoemaker	April 3	6,000
Little Black river	Beaumont	Wm. E. Shoemaker	April 3	4,500
Church creek	Forest	Neil Smith	April 9	3,000
Buzzell creek	Forest	Neil Smith	April 9	3,000
Bowen's creek	Forest	Neil Smith	April 9	1,500
Welch creek	Forest and Waverly	Neil Smith	April 9	1,500
Milligan creek	Waverly and Forest	Neil Smith	April 9	3,000
Waverly	Waverly	J. M. Clark	April 9	7,500
McMaster creek	Forest and Nunda	J. M. Clark	April 9	4,500
Welcher creek	Forest and Waverly	J. M. Clark	April 9	1,500
Wegg creek	Forest	J. M. Clark	April 9	3,000
Silver creek	Forest	J. M. Clark	April 9	3,000
Davis creek	Forest	J. M. Clark	April 9	3,000
Gilliver creek	Forest	J. M. Clark	April 9	1,500
McPherson creek	Forest	J. M. Clark	April 9	3,000
Stewart's creek	Waverly	J. M. Clark	April 9	1,500
Bowen's creek	Forest	J. M. Clark	April 9	3,000
<b>Crawford county:</b>				
North branch Au Sable river	Maple Forest	T. E. Douglas	March 31	21,000
Au Sable river	Grayling	J. C. Burton and T. H. Glover	April 13	40,000
East branch Au Sable river	Grayling	J. C. Burton and T. H. Glover	April 3	12,000
<b>Clare county:</b>				
Town Line Lake Inlet	Hamilton	Andrew Hagen	Mar. 24	3,000
Bear Run	Lincoln	F. W. Holland	Mar. 24	1,500
North branch Tobacco river	Arthur and Hatton	Wm. C. Cornwell	Mar. 26	7,500
Middle branch Tobacco river	Arthur and Hatton	Wm. C. Cornwell	Mar. 26	9,000
Brennan creek	Arthur and Hatton	Wm. C. Cornwell	Mar. 26	12,000
Clear creek	Arthur and Hatton	Wm. C. Cornwell	Mar. 26	7,500
North branch Tobacco river	Arthur and Hatton	A. M. Malone	Mar. 26	4,500
Thirteen creek	Surrey	Geo. W. Graham	Mar. 27	1,500
McKeller creek	Grant	L. F. Leonard	Mar. 27	3,000
Sheckel creek	Surrey	Asa Leonard	Mar. 27	1,500
South branch Tobacco river	Surrey and Grant	E. H. Smith	Mar. 27	3,000
Green, Norway and Gishwash creeks	Redding	Win. Blue	April 17	6,000
<b>Chippewa county:</b>				
Pine river	Rudyard, Trout Lake & St. Ignace	John C. Sass	April 25	6,000
Chub creek	Rudyard & Trout Lake	John C. Sass	April 25	7,500
Bisquit creek	Trout Lake & Rudyard	John C. Sass	April 25	6,000
Bear creek	Rudyard	John C. Sass	April 25	6,000
Trout brook	Rudyard & Trout Lake	John C. Sass	April 25	6,000
Trapper's creek	Trout Lake	Chase S. Osborne	May 14	3,000
Sweetbrier creek	Rudyard	Chase S. Osborne	May 14	3,000
East branch Tahquemanon river	Several	Chase S. Osborne	May 14	6,000
Deseneaux creek	Pickford	Dr. J. A. Cameron	May 15	4,500
Lagon creek	Pickford	Dr. J. A. Cameron	May 15	3,000
Esig's creek	Pickford	Dr. J. A. Cameron	May 15	3,000
Albany Island Trout stream	De Tour	Spence M. Hill	May 15	4,500
<b>Delta county:</b>				
Fish Dam river	Nahma	Timothy Killian	April 21	5,000
Rapid river	Rapid River, Perkins & Brampton	Timothy Killian	April 21	5,000
White Fish river	Rapid River	Timothy Killian	April 21	4,000
Escanaba river	Escanaba, Wells and Con-	Timothy Killian	April 21	7,000
Squaw creek	Bay De Noc	Timothy Killian	April 21	5,000
Bark river and Ten Mile Creek	Bark and Ford River	Timothy Killian	April 21	3,000
Garden creek	Brampton	Timothy Killian	April 21	5,000
Deer creek	Garden	Timothy Killian	April 21	4,000
Scott's creek	Masonville	W. R. Callaway	April 24	6,000
Day's river	Several	W. R. Callaway	April 25	7,500
Thompson river	Several	W. R. Callaway	April 25	7,500
Ogontz creek	Several	W. R. Callaway	April 25	9,000
18 Mile creek	Nahma	W. R. Callaway	April 25	6,000
18 Mile creek	Nahma	Thos. B. Davis	April 25	4,500
Mallman creek	Nahma	Thos. B. Davis	April 25	4,500
Black creek	Nahma	Thos. B. Davis	April 25	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Dickinson county:</b>				
Ford river and tribs.	43—29	J. W. Wells.	April 22	10,100
Flat Rock River and tribs.	43—30	J. W. Wells.	April 23	10,000
West branch of Escanaba river.	Breen.	W. E. Wells.	April 22	5,000
North Branch of Ford river.	Wells.	W. E. Wells.	April 22	3,000
Blueberry creek.	Sagola.	R. E. Boll.	April 22	1,000
Headwaters of Ford river.	Sagola.	J. T. Dunwoodie.	April 22	2,000
Squaw creek.	Sagola.	J. F. Sullivan.	April 22	1,000
Beaver creek.	Waucedah.	Dan Vanitvelt.	April 28	3,000
Fern creek.	Norway.	James H. Bush.	April 28	4,500
Black creek.	Norway and Waucedah.	G. E. Bergeron.	April 28	4,500
Water Works creek.	Norway city limits.	Michael St. Peter.	April 28	3,000
Pine creek.	Breitung and Norway.	J. B. Knight.	April 28	4,500
Albert's creek.	Norway.	J. E. Quarnstrom.	April 28	3,000
Bndwater creek.	Breitung.	J. E. Quarnstrom.	April 28	3,000
Merryman creek.	Breitung.	R. C. Browning.	April 28	3,000
<b>Eaton county:</b>				
Thornapple river and headwaters.	Benton.	Frank J. Johnston.	Mar. 16	4,500
Spring brook.		E. F. Britten.	Mar. 16	3,000
<b>Emmet county:</b>				
Carp river.	Carp Lake.	O. C. Cope.	Mar. 25	15,000
Maple river.		W. B. Stinson.	Mar. 25	60,000
McPhee's creek.	Littlefield & Maple River.	W. W. Fairbairn.	Mar. 25	2,000
Heber creek.	Little Trance.	Wm. L. Curtis.	Mar. 25	7,500
Curtis creek.	Littlefield.	Wm. L. Curtis.	Mar. 25	7,500
Minnehaha creek.	Petoskey.	Wm. L. Curtis.	Mar. 25	7,500
<b>Genesee county:</b>				
Swartz, Denton and Hamilton creeks.	Fenton.	J. Max Davis.	Mar. 30	6,000
Thread river.	Burton, Grand Blanc and Atlas.	A. D. Bauer.	April 7	9,000
<b>Gladwin county:</b>				
Cedar river and tribs.	Sherman, Sage & Grant.	F. L. Prindle.	April 7	15,000
<b>Grand Traverse county:</b>				
Fife Lake outlet.	Fife Lake.	J. Y. Wright.	Mar. 23	3,000
Boardman river.		Ralph S. Hastings.	Mar. 24	15,000
Mitchell creek.	East Bay.	Traverse City Rod & Gun Club.	Mar. 24	3,000
Acme creek.	Acme.	Traverse City Rod & Gun Club.	Mar. 23	3,000
Boardman river.		Traverse City Rod & Gun Club.	Mar. 24	15,000
Wyncoop's Spring brook.	Paradise.	A. B. Stinson.	Mar. 24	3,000
Jackson creek.	Paradise.	A. B. Stinson.	Mar. 24	3,000
Clark creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	3,000
Parker creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	3,000
Beaver Meadow creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	3,000
Harrison brook.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	3,000
Gray's creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	3,000
East creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	6,000
Taber creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	4,500
Newmarsh Spring brook.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	4,500
Slaughter House creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	1,500
Biddlecomb creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	6,000
Brownson creek.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	1,000
Hill's brook.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	1,000
Milcom Keffer Spring brook.	Paradise.	Kingsley Sportsmen Club.	Mar. 24	1,000
Whitewater creek.	Acme.	Ralph D. White.	April 1	3,000
Uba creek.		F. S. Wilson.	April 1	1,500
Mill creek.	Whitewater.	W. H. Ayres.	April 1	1,500
<b>Gratiot county:</b>				
Ayres creek.	Sumner.	Burton J. Gee.	Mar. 9	2,000
Bullock creek.	Sumner.	Burton J. Gee.	Mar. 9	2,000
Pine creek.	Ferris and Sumner.	F. J. Graham, M. D.	March 9	2,000
<b>Gogebic county:</b>				
Middle branch Ontonagon river.	Watersmeet.	C. M. McDonald.	April 28	4,500
Outlet to Beaton's or Blemers lake.	Watersmeet.	C. M. McDonald.	April 28	6,000
Spring creek.	Watersmeet.	Geo. E. Moore.	April 28	3,000
East branch of Spring creek.	Watersmeet.	J. R. Moore.	April 28	1,500
Tamarack creek.	Watersmeet.	J. R. Moore.	April 28	3,000
Langford's creek.	Watersmeet.	Marvin Hughtitt, Jr.	April 28	3,000
Crooked creek.	Watersmeet.	A. D. Johnston.	April 28	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Gogebic county.—Continued.</b>				
Beaton's creek.	Watersmeet.	A. D. Johnston.	April 28	3,000
Longfellow creek.	Watersmeet.	A. D. Johnston.	April 28	4,500
Osceola creek.	Watersmeet.	A. D. Johnston.	April 28	3,000
Tenderfoot creek.	Watersmeet.	A. D. Johnston.	April 28	6,000
State river.	Marenisco.	A. D. Johnston.	April 28	6,000
Wellington creek.	Marenisco.	A. D. Johnston.	April 28	6,000
Little Presque Isle.	Marenisco.	A. D. Johnston.	April 28	6,000
Mattson creek.	Bessemer.	A. D. Johnston.	April 28	4,500
Willow creek.	Ironwood.	Geo. D. Hough.	May 1	1,500
Cedar creek.	Ironwood.	O. F. Staebler.	May 1	1,500
Big Coon creek.	Ironwood.	O. F. Staebler.	May 1	3,000
Little Coon creek.	Ironwood.	O. F. Staebler.	May 1	3,000
Douglas creek.	Ironwood.	O. F. Staebler.	May 1	3,000
Shamel's creeklet.	Ironwood.	O. F. Staebler.	May 1	3,000
Little Spring creek.	Bessemer & Ironwood.	Richard Banfield.	May 1	1,500
Rowe creek.	Ironwood.	Richard Banfield.	May 1	3,000
Brush creek.	Ironwood.	B. E. Jussen.	May 1	1,500
Johnson's creek.	Ironwood.	B. E. Jussen.	May 1	3,000
Beck's creek.	Ironwood.	J. B. Patrick.	May 1	1,500
Birch creek.	Ironwood.	L. A. Harrington.	May 1	3,000
Maple creek.	Ironwood.	D. E. Sutherland.	May 1	3,000
Sutherland creek.	Ironwood.	Arvid Williams.	May 1	3,000
Mullen creek.	Ironwood.	Henry Rowe.	May 1	3,000
Stabler's creek.	Ironwood.	T. L. McKevitt.	May 1	3,000
Foley's creek.	Ironwood.	John Ryan.	May 1	3,000
Hoffman creek.	Ironwood.	Frank A. Miller.	May 1	3,000
Triplet creek.	Ironwood.	F. J. Alexander.	May 1	1,500
Beaver creek.	Ironwood.	P. H. Mullen.	May 1	3,000
Forbes brook.	Ironwood.	Andrew McIver.	May 1	1,500
Morrison creek.	Ironwood.	G. H. Mathews.	May 1	1,500
Brady's brook.	Ironwood.	F. F. Killen.	May 1	1,500
Timber creek.	Ironwood.	Mike Kelly.	May 1	1,500
Ryan's creek.	Ironwood.	David F. Foley.	May 1	3,000
Cornell creek.	Ironwood.	David F. Foley.	May 1	1,500
Pigeon creek.	Ironwood.	Jas. Sampson.	May 1	1,500
Sandy Brown's brook.	Ironwood.	Jas. Sampson.	May 1	1,500
Kelley's brook.	Erwin.	Geo. Grabig.	May 1	1,500
Grabig's brook.	Erwin.	Frank Ehlers.	May 1	1,500
MacDonald's creek.	Erwin.	Frank Ehlers.	May 1	1,500
Honey Moon creek.	Ironwood.	Myron Lytle.	May 1	1,500
Howe's creek.	Ironwood.	M. A. Fitzsimmons.	May 1	3,000
McKinney creek.	Ironwood.	M. A. Fitzsimmons.	May 1	1,500
Jones brook.	Erwin.	Chas. F. Thompson.	May 1	1,500
Fisher creek.	Ironwood.	E. G. Brady.	May 1	3,000
Kennedy creek.	Ironwood.	J. A. Rupp.	May 1	1,500
Spring creek.	Ironwood.	G. M. Cornell.	May 1	3,000
Cox creek.	Bessemer.	J. A. Vogtlin.	May 1	4,500
Clear creek.	Bessemer.	J. A. Vogtlin.	May 1	4,500
Crystal creek.	Bessemer.	J. A. Vogtlin.	May 1	4,500
Eight Mile creek.	Bessemer.	J. A. Vogtlin.	May 1	6,000
Massie's creek.	Bessemer.	J. A. Vogtlin.	May 1	3,000
Pine creek.	Bessemer.	J. A. Vogtlin.	May 1	4,500
Water Works creek.	Bessemer.	J. A. Vogtlin.	May 1	3,000
Powder Mill creek.	Bessemer.	J. A. Vogtlin.	May 1	4,500
Black river.	Bessemer.	J. A. Vogtlin.	May 1	7,500
Tributary to Lake Ruth.	48—45.	E. W. MacPherran.	May 5	4,500
Branch of Presque Isle river.	48—14.	E. W. MacPherran.	May 5	4,500
<b>Houghton county:</b>				
Hope creek.	Duncan and Iron River.	Wm. Kroll.	May 1	3,000
Lees creek.	Duncan and Interior.	Wm. Kroll.	May 1	4,500
Fox creek.	Duncan.	Wm. Kroll.	May 1	3,000
White creek.	Duncan.	Wm. Kroll.	May 1	1,500
Beaver creek.	Duncan.	Wm. Kroll.	May 1	6,000
Jumbo creek and branches.	Duncan and Iron River.	Wm. Kroll.	May 1	7,500
Shane creek.	Duncan.	Wm. Kroll.	May 1	3,000
Spargo creek.	Duncan and Iron River.	Wm. Kroll.	May 1	3,000
Smith creek.	Duncan.	Wm. Kroll.	May 1	3,000
Stoney creek.	Duncan and Iron River.	Wm. Kroll.	May 1	4,500
Spring creek.	Duncan and Iron River.	Wm. Kroll.	May 1	3,000
Sleeping river.	Bohemian and Elm River.	Wm. Kroll.	May 12	6,000
Stott's creek.	Adams.	Wm. Kroll.	May 1	3,000
Perch creek.	Duncan, Covington and Bates.	H. C. Stewart.	May 5	6,000
Roycroft creek.	Duncan.	H. C. Stewart.	May 5	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Houghton county.—Continued.</b>				
Will creek.....	Duncan.....	H. C. Stewart.....	May 5	3,000
Otter river.....	Chassell.....	C. W. Danielson.....	May 8	6,000
Pike river.....	Chassell.....	C. W. Danielson.....	May 1	3,000
West branch of Sturgeon river.....	Laird.....	J. C. Weissmiller.....	May 8	6,000
Santy's creek.....	Laird and Elm River.....	Milton R. Dickens.....	May 1	4,500
Otter river.....	Portage, Chassell and Laird.....	L. H. Atkin.....	May 8	3,000
Alston creek.....	Laird.....	L. H. Atkin.....	May 8	3,000
Murphy's creek.....	Laird.....	James T. Healy.....	May 8	3,000
North branch of the Otter.....	Laird and Adams.....	R. Staff Sheldon.....	May 8	7,500
Otter creek.....	Laird and Chassell.....	Abel Olson.....	May 8	6,000
Silver creek.....	Laird and Chassell.....	Wm. D. Calmley.....	May 8	4,500
Bruneau creek.....	Laird.....	Fred L. Reedham.....	May 8	4,500
West branch of the Otter.....	Laird and Duncan.....	H. W. Fesmig.....	May 8	6,000
Conch's creek.....	Laird.....	J. G. Bertrand.....	May 8	3,000
Upper Sturgeon river.....	Laird.....	J. M. Cahoon.....	May 8	7,500
St. John's creek.....	Hancock.....	L. E. Gagnier.....	May 8	6,000
West branch of Blondo's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	3,000
Reumun's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	4,500
West branch of Bagey's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	4,500
Bagey's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	4,500
East branch of Sarcen's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	1,500
West branch of Sarcen's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	4,500
Sarcen's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	1,500
Trib. to McAllen's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	6,000
East branch of Little Rabbit river.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	1,500
Trib. to west branch of LaChance's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	3,000
LaChance's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	3,000
East branch of Blondo's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	1,500
Blondo's creek.....	Torch Lake.....	Hubbell Rod & Gun Club.....	May 8	1,500
The Saw Mill creek.....	Schoolcraft.....	Hubbell Rod & Gun Club.....	May 8	3,000
Hill's creek.....	Calumet.....	Hubbell Rod & Gun Club.....	May 8	1,500
McGunn's creek.....	Calumet.....	Dr. H. E. Sangster.....	May 8	4,500
Seven Mile creek.....	Calumet.....	Albert Barrett.....	May 8	3,000
Svedetown creek.....	Calumet.....	Albert Barrett.....	May 8	3,000
Price's creek.....	Hancock.....	Oscar Ongie.....	May 12	4,500
McCollum's creek.....	Torch Lake.....	J. E. Curzon.....	May 12	3,000
Elm River.....	Stanton.....	J. E. Curzon.....	May 12	4,500
Pike river.....	Chassell.....	J. J. Michels.....	May 12	3,000
Peepsack creek.....	Portage.....	J. J. Michels.....	May 12	1,500
East branch of Pilgrim river.....	Portage.....	H. G. Major.....	May 12	3,000
Huron Dam.....	Portage.....	H. G. Major.....	May 12	3,000
East Pike river.....	Portage and Chassell.....	John J. Nelson.....	May 12	3,000
Salmon Trout river.....	Adams.....	Adolph Hans.....	May 12	6,000
Cole creek.....	Hancock and Adams.....	John C. Stone.....	May 12	3,000
Pilgrim creek.....	Portage.....	John H. Rice.....	May 12	3,000
Pilgrim river.....	Portage.....	John H. Lucas.....	May 12	3,000
North branch of Otter river.....	Portage.....	C. J. Janson.....	May 12	4,500
Six Mile creek.....	Portage.....	A. N. Barden.....	May 12	3,000
Thirteen Mile creek.....	Adams.....	Joseph Beesley.....	May 12	3,000
Four Mile creek.....	Portage.....	W. P. McVicar.....	May 12	1,500
Arcadian mill pond.....	Torch Lake.....	John C. Morrin.....	May 12	1,500
Huron creek.....	Portage.....	R. H. Shields.....	May 12	3,000
Stock creek.....	Hancock.....	A. D. Edwards.....	May 12	3,000
Hennes creek.....	Portage.....	Charles Smith.....	May 12	3,000
West branch of Santy's creek.....	Elm River.....	John Duncan.....	May 12	6,000
East branch of Salmon Trout river.....	Portage and Elm River.....	H. M. Keever.....	May 12	3,000
Middle branch of Firesteel river.....	Elm River.....	L. H. Richardson.....	May 12	9,000
Middle branch Elm river.....	Elm River.....	E. H. Wright.....	May 12	6,000
Misery river.....	Elm River.....	E. H. Wright.....	May 12	6,000
North branch Salmon Trout river.....	Adams.....	E. H. Wright.....	May 12	6,000
Elm river.....	Adams.....	E. H. Wright.....	May 12	7,500
Burt creek.....	Elm River.....	Geo. Williams.....	May 12	6,000
West branch of Pilgrim river.....	Portage.....	Geo. Williams.....	May 12	3,000
Gravert creek.....	Stanton.....	Robert McAllister.....	May 12	3,000
<b>Hillsdale county</b>				
Doty Drain.....	Litchfield and Home.....	C. Riblet.....	Mar. 12	3,000
Hodges Spring brook.....	Scipio.....	A. B. Sanderson.....	Mar. 12	1,000
Headwaters of Kalamazoo river.....	Scipio.....	L. C. Feighner.....	Mar. 12	3,000
Sand creek.....	Allen and Litchfield.....	L. C. Feighner.....	Mar. 12	5,000
McEnelly Ditch.....	Litchfield and Scipio.....	L. C. Feighner.....	Mar. 12	2,000
Soap creek.....	Allen, Litchfield & Butler.....	L. C. Feighner.....	Mar. 12	3,000
Branch of Raisin river.....	Somerset.....	W. L. Bickford.....	Mar. 12	2,000
No name.....	Somerset.....	Frank Carney.....	Mar. 12	2,000
Piper creek.....	Wheatland.....	C. H. Baker.....	Mar. 12	4,500
Clement creek.....	Pittsford.....	C. H. Baker.....	Mar. 14	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Huron county:</b>				
Allen creek.....	Sandy Beach.....	Bela W. Jenks.....	April 11	7,500
<b>Iron county:</b>				
Raymond creek.....	Mansfield.....	Geo. A. Moll.....	April 22	1,000
Head of Ford river.....	Mansfield.....	Fred Gage.....	April 22	2,000
Brule river.....	Mansfield.....	F. G. Hood & Co.....	April 28	10,500
Morrison creek.....	Atkinson & Iron River.....	I. W. Byers.....	April 28	3,000
Iron river.....	Iron River.....	J. Robt. Lyons.....	April 28	7,500
Paint river and tribs.....	Iron River.....	J. R. Moore.....	April 28	4,500
Section 33 creek.....	Stambaugh.....	G. M. Moore.....	April 28	3,000
West branch of Paint river.....	Stambaugh.....	J. R. Moore.....	April 28	4,500
East branch of east branch Ontonagon river.....	Stambaugh.....	G. M. Cornell.....	April 28	3,000
Deer river and tribs above Deer Lake.....	Crystal Falls.....	C. G. Campbell.....	April 28	6,000
Deer river.....	Crystal Falls.....	Arvid Bjork.....	April 28	7,500
Hemlock river.....	Hemetite.....	C. E. Lawrence.....	April 28	3,000
Little Hemlock river.....	Hemetite.....	Geo. Premo.....	April 28	3,000
Net river.....	Hemetite.....	Geo. Premo.....	April 28	12,000
Paint river.....	Crystal Falls and others.....	Geo. Premo.....	April 28	6,000
New York creek.....	Hemetite.....	Geo. Premo.....	April 28	3,000
Holmes creek.....	Crystal Falls.....	Geo. Premo.....	April 28	3,000
<b>Ingham county:</b>				
Willow creek.....	Vevay.....	L. C. Webb.....	Mar. 13	3,000
<b>Ionia county:</b>				
Warden creek.....	Orleans.....	M. M. Decker.....	Mar. 9	3,000
Popple brook.....	Ronald.....	Clark Reimer.....	Mar. 9	2,000
No name.....	Ronald.....	Van V. Millard.....	Mar. 9	1,000
Tibbets creek.....	Berlin.....	Chas. Stein.....	Mar. 10	2,000
No name.....	Berlin.....	Frank Eddy.....	Mar. 10	1,000
Maynard creek.....	Portland.....	Hugh Derby.....	Mar. 10	2,000
Monroe creek.....	Danby.....	H. Derby & L. Wilhelm.....	Mar. 10	1,000
Dilley's creek.....	Portland.....	H. Derby & L. Wilhelm.....	Mar. 10	1,000
Torrance creek.....	Portland.....	H. Derby & L. Wilhelm.....	Mar. 10	1,000
Campbell creek.....	Portland.....	H. Derby & L. Wilhelm.....	Mar. 10	1,000
Spaulding's creek.....	Danby.....	H. Derby & L. Wilhelm.....	Mar. 10	1,000
Rice's creek.....	Danby.....	H. Derby & L. Wilhelm.....	Mar. 10	1,000
Cannon's creek.....	Otisco.....	H. Derby & L. Wilhelm.....	Mar. 10	1,000
Saxon creek.....	Otisco.....	Dr. Jos. F. Pinkham.....	Mar. 11	2,000
Spies, Fletcher and Struble creeks.....	Otisco and Grattan.....	Dr. Jos. F. Pinkham.....	Mar. 11	3,000
Brown brook.....	Lyons.....	Joseph B. Miller.....	Mar. 30	1,000
Held brook.....	Lyons and others.....	Jess E. Tarbell.....	Mar. 30	3,000
Ely creek.....	N. Plains and Ronald.....	Hiram M. Brown.....	Mar. 30	1,000
Hunt's creek.....	Ronald.....	Newell Holden.....	Mar. 30	1,000
Pearshall's creek.....	Ionia and Ronald.....	C. A. Dalzell.....	Mar. 30	1,000
Hawn's creek.....	Boston and Berlin.....	John Wallington.....	Mar. 30	1,000
Dexter.....	Boston and Keene.....	John Wallington.....	Mar. 30	1,000
Steven's creek.....	Boston.....	John Wallington.....	Mar. 30	1,000
Arnold's creek.....	Easton.....	John Wallington.....	Mar. 30	1,000
William's creek.....	Keene and Easton.....	John Wallington.....	Mar. 30	1,000
<b>Iosco county:</b>				
Cold creek.....	Tawas.....	C. W. Luce.....	April 15	6,000
Gates creek.....	Tawas & Baldwin.....	C. W. Luce.....	April 15	4,500
Silver creek.....	Wilbur and Baldwin.....	C. W. Luce.....	April 15	12,000
East branch Au Gres river.....	Deposit, Sherman and others.....	J. A. Jackson.....	April 15	15,000
Kennedy or Newman creek.....	Grant & Sherman.....	J. A. Jackson.....	April 15	6,000
<b>Isabella county:</b>				
Squaw creek.....	Bloomfield.....	P. J. Thesien.....	Mar. 6	4,000
No name.....	Rolland.....	Ansel Moody.....	Mar. 7	1,500
Skunk creek and tributaries.....	Rolland.....	Ansel Moody.....	Mar. 7	6,000
Remick creek.....	Rolland.....	Ansel Moody.....	Mar. 7	1,500
H. P. Smith creek.....	Rolland.....	Ansel Moody.....	Mar. 7	1,500
Babcock creek.....	Rolland.....	Newman Smith.....	Mar. 7	1,500
Sawdy creek.....	Rolland.....	Newman Smith.....	Mar. 7	1,500
West branch of Pine river.....	Rolland.....	Newman Smith.....	Mar. 7	1,500
West branch of Pine river.....	Rolland.....	Newman Smith.....	Mar. 7	4,500
Boyer creek.....	Rolland.....	Newman Smith.....	Mar. 7	3,000
Pine river.....	Rolland.....	Newman Smith.....	Mar. 7	1,500
Pony creek.....	Rolland and Bloomfield.....	H. L. Denmore.....	Mar. 7	6,000
Pumfrey creek.....	Rolland.....	H. L. Denmore.....	Mar. 7	3,000
Denmore creek.....	Rolland.....	H. L. Denmore.....	Mar. 7	1,500
Jenner creek.....	Union.....	H. L. Denmore.....	Mar. 7	1,500
Wheeler creek.....	Union.....	Geo. A. Chatterton.....	Mar. 9	1,500
		Geo. A. Chatterton.....	Mar. 9	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<i>Isabella county.—Continued.</i>				
Hibon creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	3,000
Zucker creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	3,000
Wood's creek.....	Gilmore.....	Geo. L. Granger.....	Mar. 18	3,000
Campau creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	3,000
Phillip's creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	3,000
Fussman creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 18	3,000
Inglie creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	3,000
Tupman creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 18	3,000
Ferry creek.....	Gilmore.....	Geo. L. Granger.....	Mar. 18	3,000
Coomer brook.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	4,500
Labin creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 18	3,000
Stoney creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	3,000
Simmons creek.....	Deerfield.....	Geo. L. Granger.....	Mar. 18	3,000
Thieson creek.....	Nottawa.....	Geo. L. Granger.....	Mar. 18	3,000
Seymors creek.....	Gilmore.....	Geo. L. Granger.....	Mar. 18	3,000
Headwaters of Little Salt river.....	Lincoln.....	Geo. J. Poole.....	Mar. 24	6,000
Upper Coldwater river.....	Nottawa.....	Robert Hyslop.....	April 6	4,500
Hensbatch creek.....	Deerfield.....	Robert Hyslop.....	April 6	4,500
Shafer's creek.....	Sherman.....	H. A. Frost.....	April 6	4,500
Walker creek.....	Nottawa and others.....	H. A. Frost.....	April 6	6,000
Coldwater river.....	Bloomfield.....	P. J. Theison.....	March 6	4,000
Ingen creek.....				
<i>Jackson county:</i>				
Thompson creek.....	Hanover.....	Jeff Strale.....	Mar. 12	1,000
Skinner and Rumsdell creeks.....	Hanover.....	W. C. Burdett.....	Mar. 12	2,000
Johnson creek.....	Columbia.....	George S. Cook.....	Mar. 12	1,000
Carpenter creek.....	Columbia.....	George S. Cook.....	Mar. 12	2,000
Outlet of Stony lake.....	Napoleon.....	E. L. Griffin.....	Mar. 13	1,000
Thayer and Swezey creeks.....	Norvell.....	F. W. Schofield.....	Mar. 13	2,000
Marsh brook.....	Norvell.....	Fred Maurer.....	Mar. 13	2,000
Spring brook.....	Hanover and Concord.....	R. W. McKenzie.....	Mar. 14	1,000
Mackey creek.....	Parma.....	Samuel H. Barsdale.....	Mar. 14	2,000
Beaver Dam creek.....	Sandstone.....	C. L. Hunn.....	Mar. 14	2,000
Winegar creek.....	Parma.....	G. L. Hunn.....	Mar. 14	2,000
Willow creek.....	Grass Lake.....	C. B. Coe.....	Mar. 14	1,000
Grass Lake creek.....	Grass Lake.....	C. R. Smith.....	Mar. 14	3,000
Ballard's creek.....	Leoni.....	Vernon J. Elliott.....	Mar. 17	3,000
Inlet to Brill's Lake.....	Leoni.....	Geo. E. Beebe.....	Mar. 17	2,000
Kalamazoo river.....	Hanover.....	Geo. E. Beebe.....	Mar. 17	4,000
Sandstone creek.....	Sandstone & Blackman.....	Geo. E. Beebe.....	Mar. 17	4,000
Snyder's creek.....	Sandstone and Summit.....	Geo. E. Beebe.....	Mar. 17	2,000
Wade creek.....	Tompkins.....	Geo. E. Beebe.....	Mar. 17	2,000
Spring brook.....	Parma and Springport.....	Geo. E. Beebe.....	Mar. 17	4,000
Cutler creek.....	Spring Arbor.....	Geo. E. Beebe.....	Mar. 17	5,000
Rice creek.....	Parma.....	Geo. E. Beebe.....	Mar. 17	5,000
Willow brook.....	Liberty.....	Geo. E. Beebe.....	Mar. 17	2,000
Headwaters of Grand river.....	Liberty.....	Geo. E. Beebe.....	Mar. 17	3,000
Leoni creek.....	Leoni.....	Geo. E. Beebe.....	Mar. 17	2,000
Crouch brook.....	Summit.....	Geo. E. Beebe.....	Mar. 17	2,000
<i>Kalamazoo county:</i>				
Rapid river.....	Rapid River.....	C. L. Bailey.....	Mar. 23	30,000
Twenty-two creek.....	Union.....	Kingsley Sportsmen Club.....	Mar. 24	6,000
Baird creek.....	Vergennes.....	F. Jacobi.....	Mar. 30	2,000
Boardman river.....	Whitewater.....	Geo. G. White.....	April 1	7,500
Baker creek.....	Clearwater.....	D. D. Hammond.....	April 1	1,000
Rapid river.....	Rapid River.....	F. S. Wilson.....	April 1	8,000
Rugg pond.....	Rapid River.....	F. S. Wilson.....	April 1	1,500
<i>Kalamazoo county:</i>				
Telfer's creek.....	Richland.....	R. R. Telfer.....	Mar. 7	1,000
Abram and Chart creeks.....	Alamo.....	Ed. J. Anderson.....	Mar. 7	3,000
Brown's creek.....	Alamo.....	William Crispe.....	Mar. 7	2,000
Den Bleyker creek.....	Comstock and Kalamazoo.....	Ben O. Bush.....	Mar. 7	2,000
Sumner creek.....	Comstock.....	G. Van Bochove & Bro.....	Mar. 7	1,000
Meredith creek.....	Portage.....	G. Van Bochove & Bro.....	Mar. 7	2,000
Hampton creek.....	Schoolcraft.....	Abe Van Bochove.....	Mar. 7	1,000
Hampton brook.....	Schoolcraft.....	V. H. Wattles.....	Mar. 13	1,000
Portage creek.....	Texas, Portage and Kalamazoo.....	Henry Hobbs.....	Mar. 23	9,000
Axtle creek.....	Kalamazoo.....	Henry Hobbs.....	Mar. 23	4,500
Davis creek.....	Pavillion & Kalamazoo.....	Henry Hobbs.....	Mar. 23	6,000
No name.....	Climax.....	White Bros. & Co.....	Mar. 25	4,500
Tail Race creek.....	Pavillion.....	White Bros. & Co.....	Mar. 25	6,000
Guches creek.....	Climax.....	White Bros. & Co.....	Mar. 25	4,500
Dorrance creek.....	Climax.....	White Bros. & Co.....	Mar. 25	6,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<i>Kent county:</i>				
McFall's creek.....	Solon.....	Earl Rasco.....	Mar. 3	1,500
Stegman creek.....	Courtland.....	W. H. Wheeler.....	Mar. 2	1,000
Spring creek.....	Solon.....	W. H. Wheeler.....	Mar. 2	2,000
Becker creek.....	Courtland.....	W. H. Wheeler.....	Mar. 2	2,000
Austin brook.....	Courtland.....	W. H. Wheeler.....	Mar. 2	2,000
Duke creek.....	Nelson and Solon.....	W. H. Wheeler.....	Mar. 2	4,000
Little Clam creek.....	Nelson, Courtland and Algoma.....	W. H. Wheeler.....	Mar. 2	2,000
Dop creek.....	Solon.....	W. H. Wheeler.....	Mar. 2	2,000
Big Cedar creek.....	Algoma, Solon & Algoma.....	W. H. Wheeler.....	Mar. 2	3,000
Little Cedar creek.....	Algoma.....	Alexander Dargie.....	Mar. 3	4,500
Cedar creek.....	Algoma.....	B. E. Hill.....	Mar. 3	4,500
Miner creek.....	Algoma.....	Geo. E. Rector.....	Mar. 3	1,500
Cedar creek.....	Algoma.....	Geo. E. Rector.....	Mar. 3	3,000
Stegman creek.....	Courtland.....	Geo. E. Rector.....	Mar. 3	1,500
Shaw creek.....	Algoma and Courtland.....	Geo. W. Brantner.....	Mar. 3	3,000
Rum creek.....	Algoma and Courtland.....	Geo. W. Brantner.....	Mar. 3	1,500
Rood's creek.....	Cannon.....	C. J. Armstrong.....	Mar. 3	1,500
Armstrong creek.....	Cannon.....	C. J. Armstrong.....	Mar. 3	1,500
Hartwell creek.....	Cannon.....	C. J. Armstrong.....	Mar. 3	1,500
Lamberton creek and tributary.....	Grand Rapids.....	L. N. Largo.....	Mar. 3	3,000
Maston creek.....	Spencer.....	Geo. Larson.....	Mar. 3	1,500
Green's creek.....	Nelson.....	C. A. Green.....	Mar. 3	3,000
Duke creek.....	Nelson and Solon.....	F. E. Shattuck.....	Mar. 3	4,500
Black creek.....	Nelson and Spencer.....	F. E. Shattuck.....	Mar. 3	4,500
Spring creek.....	Solon and Nelson.....	F. E. Shattuck.....	Mar. 23	3,000
No name.....	Plainfield.....	John M. Bennett.....	Mar. 4	1,000
Ronan creek.....	Ada.....	John M. Bennett.....	Mar. 4	1,000
Boyland's creek.....	Ada.....	John M. Bennett.....	Mar. 4	1,000
Hawkin creek.....	Ada.....	John M. Bennett.....	Mar. 4	1,000
Leavitt creek.....	Ada.....	John M. Bennett.....	Mar. 4	2,000
Boyer creek.....	Plainfield.....	John M. Bennett.....	Mar. 4	1,000
Hawkin.....	Ada.....	John M. Bennett.....	Mar. 4	1,000
Blackskin creek.....	Walker.....	Fay B. Huntley.....	Mar. 4	2,000
Peck's creek.....	Walker and Talmadge.....	Fay B. Huntley.....	Mar. 4	2,000
Egypt creek.....	Ada.....	E. J. Killian.....	Mar. 4	2,000
Upper Bear creek.....	Cameron.....	E. J. Killian.....	Mar. 4	2,000
Indian Mill creek.....	Walker.....	Geo. C. Bratt.....	Mar. 4	1,000
Hill creek.....	Ada.....	Geo. C. Bratt.....	Mar. 4	1,000
Honey creek.....	Vergennes & Ada.....	Geo. C. Bratt.....	Mar. 4	2,000
Hagadone creek.....	Walker.....	Geo. C. Bratt.....	Mar. 4	1,000
Stope's and Berriger creeks.....	Oakfield and Eureka.....	E. A. Kemp.....	Mar. 10	2,000
Hutchin's creek.....	Oakfield.....	F. J. Cole.....	Mar. 10	2,000
Porter's creek.....	Courtland.....	E. W. Bratt.....	Mar. 23	1,500
Turner creek.....	Algoma.....	E. W. Bratt.....	Mar. 23	1,500
Munn creek.....	Algoma.....	E. W. Bratt.....	Mar. 23	1,500
Harding creek.....	Algoma.....	E. W. Bratt.....	Mar. 23	1,500
No name.....	Algoma.....	E. W. Bratt.....	Mar. 23	1,500
English creek.....	Sparta.....	John Rawson.....	Mar. 27	1,000
Symes creek.....	Sparta.....	Leslie Watson.....	Mar. 27	2,000
Silver creek.....	Sparta.....	Leslie Watson.....	Mar. 27	3,000
Reed creek.....	Sparta.....	A. J. Boorum.....	Mar. 27	1,000
Snow creek.....	Algoma and Sparta.....	A. J. Boorum.....	Mar. 27	2,000
Duke creek.....	Tyrone.....	Geo. Rexford.....	Mar. 27	1,500
Wood creek.....	Tyrone and Solon.....	Geo. Rexford.....	Mar. 27	5,000
Spring brook.....	Vergennes.....	Fred Congan.....	Mar. 30	2,000
Kinyon creek.....	Lowell.....	Fred Jacobi.....	Mar. 30	1,000
Cherry creek.....	Lowell.....	Fred Jacobi.....	Mar. 30	1,000
Kopf creek.....	Lowell.....	Fred Jacobi.....	Mar. 30	1,000
No name.....	Vergennes & Lowell.....	Fred Jacobi.....	Mar. 30	2,000
No name.....	Vergennes & Lowell.....	John Miller.....	Mar. 30	1,000
Water's creek.....	Vergennes.....	John Miller.....	Mar. 30	1,000
Harvard creek.....	Vergennes & Lowell.....	John Miller.....	Mar. 30	1,000
Crimion creek.....	Spencer.....	Ed Griswold.....	April 7	4,000
	Mostly Oakfield.....	Freeman Addis.....	April 7	3,000
<i>Keweenaw county:</i>				
Tobacco river.....	Sherman.....	Caesar Borgo.....	May 8	4,500
Ameek creek.....	Allouez.....	Judge Jackalo.....	May 8	4,500
Indian river.....	Sherman.....	W. R. Vivian.....	May 8	3,000
Traverse river.....	Grant and Schoolcraft.....	C. J. Webb.....	May 8	6,000
Buffalo creek.....	Eloughton.....	C. J. Webb.....	May 8	1,500
Montreal river.....	Sherman.....	M. D. Train.....	May 8	6,000
Mosquito creek.....	Eagle Harbor.....	J. Vivian, Jr.....	May 8	4,500
Gratiot river, No. 2.....	Eagle Harbor.....	Edward Bost.....	May 8	7,500
Trap Rock river.....	Allouez & Schoolcraft.....	Morgan Williams.....	May 8	6,000
Gratiot river.....	Allouez.....	Morgan Williams.....	May 8	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Keweenaw county.—Continued.</b>				
Seward creek.....	Allowez.....	Harry Herman.....	May 8	1,500
Tobacco river.....	Grant.....	Dr. H. E. Sangster.....	May 8	6,000
Montreal creek.....	Grant.....	A. H. Sawyer.....	May 8	6,000
<b>Luce county:</b>				
West branch of Sage river.....	Pentwater.....	D. N. McLeod.....	April 25	6,000
Two Heart creek.....	McMillen.....	R. C. Bradley.....	May 14	9,000
<b>Lake county:</b>				
Middle Branch.....	17 N. E. 12 West.....	J. H. Booth.....	Mar. 23	8,000
Erickson and Pena creeks.....	Cherry Valley.....	J. H. Booth.....	Mar. 23	4,000
Middle branch Pere Marquette river.....	Cherry Valley.....	G. M. Bayless.....	Mar. 27	12,000
Baker, Loree, Laoy and Stearns creeks.....	Cherry Valley.....	G. M. Bayless.....	Mar. 27	9,000
Tank creek.....	Elk.....	Watts B. Humphrey.....	Mar. 27	1,500
Dannaker creek and branches.....	Pleasant Plains.....	Geo. Grant.....	Mar. 27	4,500
Bowman creek and branches.....	Elk.....	Geo. Grant.....	Mar. 27	1,500
Sanborn or Farnsworth creek.....	Pleasant Plains.....	H. W. Davis.....	Mar. 27	6,000
North branch of P. M. river.....	Pleasant Plains.....	H. W. Davis.....	Mar. 27	12,000
Sweetwater creek.....	Elk.....	C. Hagerman.....	Mar. 27	3,000
Sauble river.....	Elk, Fressoil & Sheridan.....	C. Hagerman.....	Mar. 27	15,000
Switzer creek and springs.....	Cherry Valley.....	C. Hagerman.....	Mar. 27	1,000
Middle branch Pere Marquette river.....	Cherry Valley & Pleasant Plains.....	C. Hagerman.....	Mar. 27	9,000
Baldwin creek.....	18—12 and 13, 17—13.....	C. Hagerman.....	Mar. 27	7,500
Sanborn creek.....	17—13.....	C. Hagerman.....	Mar. 27	6,000
Blood's creek.....	Pleasant Plains.....	C. Hagerman.....	Mar. 27	1,000
Dennelher creek.....	Pleasant Plains.....	H. C. Crosby.....	Mar. 27	9,000
Little river and north branch of Manistee.....	Elsworth.....	H. W. Marsh.....	April 14	15,000
Pine river.....	Burdell.....	H. W. Marsh.....	April 14	18,000
Sauble river.....	Elk.....	H. W. Marsh.....	April 14	21,000
Pine and Little Manistee rivers.....	Newkirk.....	George Cutler.....	April 14	36,000
Little Manistee and Sauble rivers.....	Webber and Elk.....	Alice Kelley, P. M.....	Mar. 14	15,000
<b>Lapeer county:</b>				
North branch of Clinton river.....	Almont and Bruce.....	Dr. D. H. Burley.....	April 11	9,000
Gravel creek.....	North Branch.....	H. G. Freee.....	April 11	7,500
Berrie creek.....	Metamora.....	C. C. Stevens.....	April 18	3,000
Fine creek.....	Dryden and Metamora.....	C. C. Stevens.....	April 18	2,000
Booth creek.....	Metamora.....	C. C. Stevens.....	April 18	1,000
Bozrig brook.....	Metamora.....	C. L. Randall.....	April 18	2,000
Reed's brook.....	Metamora.....	C. L. Randall.....	April 18	2,000
Black creek.....	Attica and Imlay.....	E. J. Thresher.....	April 18	6,000
Hough creek.....	Arcadia, Goodland and Burnside.....	E. J. Thresher.....	April 18	7,500
Smith creek.....	Hadley.....	E. J. Thresher.....	April 11	1,500
Mott creek.....	Hadley.....	E. J. Thresher.....	April 18	3,000
Hunter's creek.....	Metamora and Lapeer.....	E. J. Thresher.....	April 18	6,000
Carpenter's creek.....	Mayfield.....	E. J. Thresher.....	April 18	3,000
Miller creek.....	Deerfield & Rich.....	E. J. Thresher.....	April 18	4,500
Hasler creek.....	Hadley, Elba & Oregon.....	E. J. Thresher.....	April 18	6,000
Headwaters of Mill creek.....	Attica, Arcadia & Goodland.....	E. J. Thresher.....	April 18	7,500
Chapin brook.....	Deerfield and Rich.....	E. J. Thresher.....	April 18	4,500
Inlet to Seven ponds.....	Dryden.....	T. W. Van Kleek.....	April 18	2,000
<b>Lenawee county:</b>				
Silver creek.....	Seneca.....	Chas. M. Butler.....	Mar. 13	4,000
Lime lake.....	Medina.....	O. E. Green.....	Mar. 13	4,000
<b>Leelanau county:</b>				
Meseau's creek and pond.....	Sutton's Bay.....	G. M. Dame.....	Mar. 24	4,500
Northport creek and pond.....	Leelanau.....	G. M. Dame.....	Mar. 24	3,000
Ennis or Haines creeks.....	Leelanau.....	G. M. Dame.....	Mar. 24	4,500
Gill Pier and Big Spring creeks.....	Leelanau.....	G. M. Dame.....	Mar. 24	4,500
Hondeck creek.....	Leelanau and Leland.....	G. M. Dame.....	Mar. 24	3,000
Mauseau creek.....	Leelanau and Leland.....	D. Mendenhall.....	Mar. 24	1,500
Lee creek.....	Leelanau and Leland.....	D. Mendenhall.....	Mar. 24	1,500
Knox creek.....	Empire.....	E. R. Daley.....	April 4	3,000
Albrecht creek.....	Empire.....	D. H. Day.....	April 4	3,000
Cedar Run.....	Solon and Kassen.....	A. S. Smith.....	April 7	9,000
No name.....	Solon.....	F. Nunemaker.....	April 7	3,000
<b>Livingston county:</b>				
Shawasee creek.....	Genoa.....	N. M. Sweet.....	Mar. 26	3,000
Willard Beech creek.....	Brighton.....	B. T. O. Clark.....	Mar. 26	3,000
Burnham creek.....	Brighton & Genoa.....	B. T. O. Clark.....	Mar. 26	1,000
Ore creek.....	Hartland, Brighton and Hamburg.....	B. T. O. Clark.....	Mar. 26	4,500

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Livingston county.—Continued.</b>				
McDonnell creek.....	Brighton.....	B. T. O. Clark.....	Mar. 26	1,000
Woodruff creek.....	Brighton and Hartland.....	B. T. O. Clark.....	Mar. 26	3,000
Hamburg.....	B. T. O. Clark.....	B. T. O. Clark.....	Mar. 26	1,000
Wiecher's creek.....	Genoa.....	B. T. O. Clark.....	Mar. 26	1,000
Walker's creek.....	Genoa and Hamburg.....	B. T. O. Clark.....	Mar. 26	3,000
Bishop creek.....	Green Oak.....	B. T. O. Clark.....	Mar. 26	1,000
South Spring brook.....	Green Oak.....	B. T. O. Clark.....	Mar. 26	1,000
Preskon creek.....	Lyon and Green Oak.....	B. T. O. Clark.....	Mar. 26	4,500
Runyon creek.....	Tyrone.....	John Lyons.....	Mar. 30	1,000
Cranberry.....	Tyrone.....	Hammond P. Perry.....	Mar. 30	1,000
Cornell creek.....	Deerfield.....	T. F. Sweeney.....	Mar. 30	2,000
Denton creek.....	Tyrone.....	Wm. H. Gallagher.....	Mar. 30	2,000
Beach creek.....	Tyrone.....	J. Max Davis.....	Mar. 30	1,000
Andrus creek.....	Hartland.....	H. S. Holdridge.....	April 7	1,500
	Hartland.....	H. S. Holdridge.....	April 7	3,000
<b>Macomb county:</b>				
Hozer creek.....	Bruce.....	H. W. Bradley.....	Mar. 30	1,000
Troop's creek.....	Bruce.....	H. W. Bradley.....	Mar. 30	1,000
Freeman's creek.....	Bruce.....	H. W. Bradley.....	Mar. 30	1,000
Benjamin's creek.....	Washington.....	H. W. Bradley.....	Mar. 30	1,000
Moor creek.....	Richmond.....	T. W. McCall.....	April 11	4,500
<b>Manistee county:</b>				
Hatch's creek.....	Cleon and Springdale.....	F. A. Mitchell.....	Mar. 31	18,000
Bear creek.....	Springdale, Maple Grove and Brown.....	F. A. Mitchell.....	April 2	27,000
Pine creek.....	Stronach and Eden.....	R. G. Peters.....	April 1	7,500
Claybank creek.....	Manistee.....	T. A. Brown.....	April 2	7,500
Pine creek.....	Brown and Stronach.....	T. G. Trimble.....	April 1	7,500
Beaver creek.....	Maple Grove.....	T. G. Trimble.....	April 2	4,500
Cedar creek.....	Maple Grove and Marilla.....	T. G. Trimble.....	April 2	7,500
Kaiser creek.....	Maple Grove.....	T. G. Trimble.....	April 2	3,000
<b>Marion county:</b>				
Carr creek.....	Logan.....	W. M. Buffenbarger.....	Mar. 27	3,000
Bemis creek.....	Logan.....	W. M. Buffenbarger.....	Mar. 27	3,000
Buck creek.....	Branch.....	C. Hagerman.....	Mar. 27	1,000
Weldon creek.....	Branch and Custer.....	C. Hagerman.....	Mar. 27	4,500
Percival creek.....	Freeoil.....	Thos. S. Stephens.....	Mar. 27	1,500
Freeman creek.....	Grant.....	Thos. S. Stephens.....	Mar. 27	6,000
Old Fressoil creek.....	Grant.....	C. B. Sherman.....	Mar. 27	3,000
Black creek.....	Custer.....	J. J. Kehoe.....	Mar. 27	4,500
<b>Marquette county:</b>				
Chandler brook.....	Sec. 31, 42 and 24.....	J. W. Wells.....	April 22	5,000
North branch Escanaba river.....	44—26.....	J. W. Wells.....	April 22	5,000
North branch Escanaba river.....	Tilden.....	W. E. Wells.....	April 22	3,000
Laughing Whitefish river.....	Onota.....	J. W. Gordon.....	May 5	7,500
Foster's creek.....	Chocoley.....	E. C. Giesregen.....	May 5	3,000
Cedar creek.....	Chocoley.....	E. C. Giesregen.....	May 5	3,000
O'Neil's creek.....	Sands.....	B. J. Goodman.....	May 5	1,500
Rope's creek.....	Ishpeming and Eby.....	Geo. A. Newett.....	May 5	6,000
Mullin's creek.....	Ishpeming.....	Geo. A. Newett.....	May 5	6,000
Escanaba river.....	Ishpeming, Eby & Humboldt.....	Geo. A. Newett.....	May 5	6,000
Wableman's creek.....	Ishpeming & Negaunee.....	Geo. A. Newett.....	May 5	6,000
Deer creek.....	Ishpeming.....	Geo. A. Newett.....	May 5	6,000
Second river.....	Humboldt.....	J. T. Pasco.....	May 5	3,000
Black river.....	Humboldt.....	J. T. Pasco.....	May 5	3,000
Escanaba river.....	Humboldt.....	J. T. Pasco.....	May 5	9,000
Spruce river.....	Republic.....	C. W. Munson.....	May 5	3,000
Beaver creek.....	Republic.....	C. W. Munson.....	May 5	9,000
Michigan river.....	Republic.....	C. W. Munson.....	May 5	9,000
Captain's creek.....	Republic.....	H. R. Gamble.....	May 5	6,000
West branch of Escanaba river.....	Republic and Humboldt.....	H. R. Gamble.....	May 5	6,000
Allen's creek.....	Humboldt.....	D. T. Morgan.....	May 5	3,000
The Spruce.....	Michigan game.....	O. E. P. Wood.....	May 5	3,000
Dishno creek.....	Michigan game.....	O. E. P. Wood.....	May 3	3,000
Alder creek.....	Powell.....	H. R. Harris.....	May 15	3,000
Little Garlic river.....	Powell.....	H. R. Harris.....	May 15	4,500
Chocoley river and branches.....	Powell.....	H. R. Harris.....	May 15	12,000
Wilson creek.....	Powell.....	H. R. Harris.....	May 15	3,000
Garlic river.....	Powell.....	H. R. Harris.....	May 15	6,000
The Pup.....	Powell.....	H. R. Harris.....	May 15	3,000
Nelson creek.....	Sands.....	H. A. St. John.....	May 15	3,000
Big creek.....	Marquette.....	H. A. St. John.....	May 15	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Marquette county.—Continued.</b>				
Cherry creek.....	Marquette.....	H. A. St. John.....	May 15	3,000
Silver creek.....	Marquette.....	H. A. St. John.....	May 15	1,500
Branches of Dead river.....	Marquette.....	H. A. St. John.....	May 15	4,500
Bear creek.....	Powell.....	H. A. St. John.....	May 15	3,000
West branch of Laughing Whitefish river.....	H. A. St. John.....	H. A. St. John.....	May 15	1,500
South branch of Wilson creek.....	H. A. St. John.....	H. A. St. John.....	May 15	1,500
Little Dead river.....	Ishpeming and Eby.....	H. A. St. John.....	May 15	4,500
Pickrel Lake creek.....	H. A. St. John.....	H. A. St. John.....	May 15	3,000
Reany creek.....	Marquette.....	H. A. St. John.....	May 15	3,000
Campna's creek.....	Marquette.....	H. A. St. John.....	May 15	3,000
Yellow Dog creek and branches.....	Marquette.....	H. A. St. John.....	May 15	3,000
<b>Mackinaw county:</b>				
Crow river.....	Newton.....	W. R. Callaway.....	April 25	9,000
Black river.....	Garfield.....	W. R. Callaway.....	April 25	9,000
Headwaters of Main Sage.....	Hendricks.....	D. N. McLeod.....	April 25	6,000
Sage river.....	Hendricks.....	I. R. Edman's.....	April 25	4,500
Hendrie river.....	Hendricks.....	I. R. Edman's.....	April 25	4,500
<b>Menominee county:</b>				
West branch of Little river.....	Menominee.....	R. A. Kirkan.....	April 22	2,000
Birch creek.....	Menominee.....	H. G. Bartholdt.....	April 22	2,000
Sucker creek.....	Menominee.....	A. A. Juttner.....	April 22	2,000
Bear creek.....	Menominee.....	C. M. Hansen.....	April 22	2,000
Big creek.....	Stephenson.....	John Shote.....	April 22	3,000
Little river.....	Mellen.....	John Shote.....	April 22	3,000
Elward creek.....	Cedarville.....	S. Crawford & Sons.....	April 22	2,000
East branch of Hay creek.....	Stephenson.....	W. P. Kezar.....	April 22	1,000
Warner's brook.....	Stephenson.....	Napoleon Lacombe.....	April 22	1,000
West branch of Hay creek.....	Stephenson & Holmes.....	W. A. Carley.....	April 22	3,000
Big brook.....	Stephenson.....	R. C. Feister.....	April 22	2,000
Sunny brook.....	Stephenson & Cedarville.....	C. G. Walton.....	April 22	2,000
Holland brook.....	Nadeau.....	Peter Ganigan.....	April 22	2,000
Spring creek.....	Nadeau.....	Peter Ganigan.....	April 22	3,000
Branches of Cedar and Big Cedar rivers.....	Nadeau, Spaulding and Harris.....	G. T. Werline.....	May 22	2,000
Miller's brook, Frazer's run & Holmes creek.....	Spaulding, Nadeau and Cedarville.....	G. T. Werline.....	April 22	6,000
Holmes creek.....	Meyer.....	Byron J. Kent.....	April 24	3,000
Vesper creek.....	Meyer.....	John H. Loomis.....	April 24	1,500
West branch of Big Cedar creek.....	Meyer.....	John H. Loomis.....	April 24	3,000
Camp Twelve creek.....	Meyer and Holmes.....	E. J. Clement.....	April 24	3,000
Camp Two creek.....	Meyer.....	G. W. Earle.....	April 24	1,500
Morrison's creek.....	Meyer.....	A. J. Kremer.....	May 24	1,500
Malacca creek.....	Meyer.....	A. J. Kremer & J. D. Hayes.....	April 24	1,500
Camp Seven creek.....	Meyer.....	J. D. Hayes.....	April 24	1,500
Hay creek.....	Meyer and Holmes.....	J. D. Hayes.....	April 24	3,000
Little Cedar river.....	Meyer.....	J. D. Hayes and A. J. Kremer.....	April 24	4,500
Camp Thirteen creek.....	Meyer and Holmes.....	J. D. Hayes.....	April 24	1,500
Brusche creek.....	Meyer and Spaulding.....	J. D. Hayes.....	April 24	1,500
Branches of Pemence creek.....	Holmes.....	C. W. Wilkins.....	April 25	3,000
Pemence creek.....	Holmes.....	C. W. Wilkins.....	April 25	3,000
No name.....	Holmes.....	Martin Farrell.....	April 25	3,000
Forty-seven creek.....	Harris.....	David Harris.....	April 28	4,500
Wilson creek.....	Spaulding and Harris.....	Wm. Maas.....	April 28	3,000
Wilson creek.....	Harris and Spaulding.....	J. L. Musson.....	April 28	3,000
<b>Montcalm county:</b>				
Brandy creek.....	Winfield.....	James Briggs.....	Mar. 3	4,500
Rust creek.....	Winfield.....	James Briggs.....	Mar. 3	6,000
Tamarack creek.....	Winfield and Reynolds.....	H. N. Van Denbergh.....	Mar. 3	6,000
Tamarack creek.....	Reynolds.....	W. H. Lovely.....	Mar. 3	9,000
Church creek.....	Winfield.....	J. A. Collins.....	Mar. 3	4,500
Handy creek.....	Reynolds.....	A. M. Cook.....	Mar. 3	4,500
Grant creek.....	Pierson.....	F. E. Shattuck.....	Mar. 3	1,500
Fish creek.....	Ferris, Day, Evergreen and Bloom.....	Wm. O. Rogers.....	Mar. 7	7,500
Sucker creek.....	Douglas & Pine.....	J. F. Tabor, M. D.....	Mar. 7	6,000
Hemingway creek.....	Day and Douglas.....	J. F. Tabor, M. D.....	Mar. 7	3,000
Lucas creek.....	Douglas.....	J. F. Tabor, M. D.....	Mar. 7	3,000
Hooker creek.....	Day.....	N. W. Newhouse.....	Mar. 7	1,500
Chapin creek.....	Evergreen.....	N. W. Newhouse.....	Mar. 7	3,000
Hemingway creek.....	Douglas.....	T. S. Earle.....	Mar. 7	4,500
Sucker brook.....	Douglas and Pine.....	T. S. Earle.....	Mar. 7	3,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Montcalm county.—Continued.</b>				
Lucas stream.....	Stanton, Sidney and Evergreen.....	T. S. Earle.....	Mar. 7	3,000
Bachman creek.....	Douglas and Sidney.....	T. S. Earle.....	Mar. 7	3,000
Blanchard creek.....	Home.....	Lloyd O. Ellison.....	Mar. 9	2,000
Wiles creek.....	Ferris and Montcalm.....	F. J. Graham.....	Mar. 9	2,000
South Branch Pine river.....	Richland.....	F. E. Curtis.....	Mar. 9	2,000
Sackets creek.....	Home.....	F. E. Curtis.....	Mar. 9	2,000
Wolf creek.....	Richland and Home.....	F. E. Curtis.....	Mar. 9	2,000
Skunk creek.....	Home.....	J. J. Watt.....	Mar. 9	2,000
Wolf creek.....	Home.....	J. J. Watt.....	Mar. 9	3,000
Wright creek.....	Home.....	J. J. Watt.....	Mar. 9	4,500
Pine river.....	Home.....	J. J. Watt.....	Mar. 9	3,000
Sachet's creek.....	Home.....	J. J. Watt.....	Mar. 9	1,500
Dixon creek.....	Fairplains.....	E. E. Brown.....	Mar. 9	4,000
Snaky run.....	Fairplains.....	C. L. Rarden.....	Mar. 9	4,000
Turk Lake creek.....	Montcalm.....	C. L. Rarden.....	Mar. 10	2,000
Salt Marsh creek.....	Fairplains and Eureka.....	C. L. Rarden.....	Mar. 10	2,000
Cedar creek.....	Belvidere.....	R. & O. Fleck.....	Mar. 10	6,000
Stony creek.....	Belvidere.....	B. F. Randall.....	Mar. 10	2,000
Brandy creek.....	Winfield.....	C. W. Vining.....	Mar. 10	2,000
Tamarack creek.....	Oato and Winfield.....	C. W. Vining.....	Mar. 10	3,000
Inlet to Muscalonge lake.....	Maple Valley.....	Jensen Brothers.....	Mar. 11	2,000
Broderick creek.....	Pine.....	F. D. Briggs.....	Mar. 11	3,000
West Branch creek.....	Pine.....	F. D. Briggs.....	Mar. 11	1,000
West Lake creek.....	Pine.....	F. D. Briggs.....	Mar. 11	3,000
Kortes creek.....	Pine.....	F. D. Briggs.....	Mar. 11	2,000
Broderick creek.....	Pine.....	F. D. Briggs.....	Mar. 11	1,000
Dickerson creek.....	Fairplains and Otisco.....	Dr. J. F. Pinkham.....	Mar. 11	3,000
Outlet to Crystal lake.....	Crystal.....	C. W. LaDu.....	April 7	2,000
Fish creek and branches, north and south.....	Crystal, Evergreen, Day and Ferris.....	O. D. White.....	April 7	6,000
Edwards spring creek.....	Montcalm.....	Add Litchow.....	April 7	1,000
<b>Mecosta county:</b>				
Rosey Run.....	Aetna.....	Chas. A. Houghtalin.....	Mar. 3	3,000
Trib. of Little Muskegon river.....	Deerfield.....	Bery Buckley.....	Mar. 3	4,500
Cold Spring or Ganong creeks.....	Big Rapids & Mecosta.....	C. D. Carpenter.....	Mar. 3	4,500
Falass or Betts creek.....	Mecosta.....	C. D. Carpenter.....	Mar. 3	3,000
Rhine creek.....	Big Rapids.....	Edward C. Newcombe.....	Mar. 3	4,500
Hyde creek.....	Mecosta.....	Fred I. Lodner.....	Mar. 3	1,500
Gilbert creek.....	Martiny and Morton.....	Ray Carmen.....	Mar. 6	3,000
Little Muskegon river.....	Martiny, Morton & Hinton.....	B. S. Henry.....	Mar. 6	6,000
Gilbert's creek.....	Morton and Martiny.....	B. S. Henry.....	Mar. 6	3,000
Vlet creek.....	Colfax.....	Joseph Zimmer.....	Mar. 6	3,000
Bell creek and Dead Stream or Spring creek.....	Colfax.....	Geo. R. Sapp.....	Mar. 6	4,500
Pointer creek.....	Morton.....	John Miller.....	Mar. 6	3,000
Marshfield creek.....	Colfax.....	J. W. Miller.....	Mar. 6	3,000
Abbey creek.....	Sheridan and Sherman.....	G. A. Colgrove.....	Mar. 6	2,000
Indian creek.....	Sheridan.....	P. J. Theisen.....	Mar. 6	5,000
Bingen creek.....	Wheatland.....	P. J. Theisen.....	Mar. 6	2,000
Poney creek.....	Wheatland.....	P. J. Theisen.....	Mar. 6	2,000
West branch of Pine river.....	Wheatland.....	P. J. Theisen.....	Mar. 6	2,000
Bamber creek.....	Sheridan.....	P. J. Theisen.....	Mar. 6	3,000
Thompson's creek.....	Hinton.....	C. W. Vining.....	Mar. 10	3,000
Seaton creek.....	Hinton.....	C. W. Vining.....	Mar. 10	2,000
Sylvester creek.....	Hinton.....	Frank J. Rossmann.....	Mar. 10	2,000
Cheney creek.....	Green.....	Mich. Fish Com.....	April 20	5,000
Big Buckhorn creek.....	Green.....	Mich. Fish Com.....	April 20	5,000
Little Buckhorn creek.....	Green.....	Mich. Fish Com.....	April 20	10,000
<b>Missaukee county:</b>				
Golden creek.....	Caldwell.....	Chas. H. Bostick.....	Mar. 23	1,500
Flower creek.....	Bloomfield.....	Chas. H. Bostick.....	Mar. 23	1,000
Hopkins creek.....	Bloomfield and Cadwell.....	Chas. H. Bostick.....	Mar. 23	4,000
Morris creek.....	Caldwell.....	Chas. H. Bostick.....	Mar. 23	3,000
No name.....	Clam Union.....	Jas. E. White.....	Mar. 24	3,000
Clam river.....	Riverside and others.....	Hon. C. A. Brott.....	Mar. 24	24,000
<b>Montmorency county:</b>				
Middle branch Au Sable river.....	Albert, Elmer & Maple Forest.....	Claud M. Dutcher.....	Mar. 31	7,500
Hunt creek.....	Albert and Rust.....	Claud M. Dutcher.....	Mar. 31	6,000
Grass Lake creek.....	T. 32 N., R. 4 E.....	Joe E. Hubert.....	April 9	3,000
East Branch.....	Metz and Belknap.....	J. M. Clark.....	April 9	7,500
Tomahawk creek.....	Metz, Belknap and Forest.....	J. M. Clark.....	April 9	4,500
Black river.....	Severl.....	J. M. Clark.....	April 9	18,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Muskegon county:</b>				
Cedar creek.....	Holton	Stephen Skeels	Mar. 5	7,500
Big Marsh creek.....	Blue Lake	S. P. Murphy	Mar. 5	3,000
Skeel's creek.....	Holton	Oscar Benson	Mar. 5	3,000
North branch Skeels' creek.....	Holton	Chas. Jensen	Mar. 5	3,000
Skeel's creek.....	Holton and Greenwood	J. A. Gerber	Mar. 5	3,000
Flower creek.....	Muskegon & White river	Adam Born	Mar. 19	4,500
Little Carleton creek.....	Blue Lake, Grant & Otto	S. A. Catlin	Mar. 19	4,500
Lanford creek.....	Montague	Thomas Hawks	Mar. 19	2,000
Carlton creek.....	Montague and Grant	Paul G. King	Mar. 19	7,500
Coon creek.....	Montague	W. E. Osmun	Mar. 19	2,000
Little Flower creek.....	White river	John Hall	Mar. 19	2,000
Little Flower creek.....	Claybank & White River	Wm. Broadwell	Mar. 19	3,000
Silver creek.....	Blue Lake & Whitehall	E. D. Magoon	Mar. 19	6,000
Duck creek.....	Dalton and Fruitland	E. D. Magoon	Mar. 19	4,000
Little Bear creek.....	Dalton, Laketon and Muskegon	E. D. Magoon	Mar. 19	2,000
Cedar creek.....	Holton & Cedar Creek	E. D. Magoon	Mar. 19	10,500
Cleveland creek.....	Blue Lake	E. D. Magoon	Mar. 19	6,000
Morquito creek.....	Egelston	E. D. Magoon	Mar. 19	5,000
Ryerson creek.....	Muskegon	E. D. Magoon	Mar. 19	2,000
Little Black creek.....	Muskegon	E. D. Magoon	Mar. 19	5,000
Norris creek.....	Ravenna, Sullivan and Fruitland	E. D. Magoon	Mar. 19	7,500
Big Black creek.....	Muskegon	E. D. Magoon	Mar. 19	5,000
Green's creek.....	Fruitland and Laketon	E. D. Magoon	Mar. 19	3,000
Moore's creek.....	Casnovia	J. O. Fraleigh	Mar. 27	1,500
Beatts creek.....	Casnovia	J. O. Fraleigh	Mar. 27	2,000
Merkes creek.....	Casnovia	J. O. Fraleigh	Mar. 27	1,000
Gilbert's creek.....	Casnovia	J. O. Fraleigh	Mar. 27	1,000
<b>Newaygo county:</b>				
Reynold's creek.....	Enseley	David Curtis	Mar. 3	3,000
White river.....	Wilcox	Branch Brothers	Mar. 5	9,000
Minnie creek.....	Bridgeton	J. A. Gerber	Mar. 5	3,000
Williams creek.....	Sheridan A. Garfield	J. A. Gerber	Mar. 5	3,000
Cushman creek.....	Greenwood	J. A. Gerber	Mar. 5	3,000
Dowling creek.....	Lincoln	W. D. Sargeant	Mar. 5	3,000
Martin's creek.....	Denver	W. D. Sargeant	Mar. 5	3,000
Headwaters of White river.....	Wilcox	W. D. Hopkinson	Mar. 5	9,000
Little South creek.....	T. 10-12 and 13, 17-13	C. Hagerman	Mar. 27	12,000
Biglow, Coolbrough and Cole creeks.....	Brooks and East	S. D. Thompson	Mar. 27	9,000
Penoyer creek.....	Brooks	S. D. Bonnes	Mar. 27	3,000
Smith's creek.....	Barton	John A. Green	April 7	5,000
Winepassog creek.....	Home	L. Reterstoff	April 9	7,500
Meadow Lands brook.....	Home	L. Reterstoff	April 9	15,000
Trib. to Cedar creek.....	Troy	L. Reterstoff	April 9	1,500
Trib. to Twin lake.....	Home	L. Reterstoff	April 9	1,500
Hatch's creek.....	Barton	Will Remington	April 17	5,000
Little south branch of Pine river.....	Home	Mich. Fish Com.	Mar. 25	40,000
<b>Oceana county:</b>				
Cushman creek.....	Greenwood	Norman J. Lapp	Mar. 5	3,000
Cushman creek.....	Greenwood	Peter Jensen	Mar. 5	3,000
Bear creek.....	Otto	Adam Born	Mar. 19	6,000
Sand creek.....	Blue Lake	Carl Gashel	Mar. 19	4,500
East Carleton creek.....	Mar. 19	C. L. Burdick	Mar. 19	2,000
Flower creek.....	Grant and Claybank	Wm. Brocker	Mar. 19	4,500
Carleton creek.....	Grant	Maney Wilkinson	Mar. 19	4,500
Carleton creek.....	Grant	Chas. Keger	Mar. 19	4,500
Sand creek.....	Grant	Chas. Smith	Mar. 19	5,500
Piper creek.....	Shelby and Benona	C. E. Ellis	Mar. 21	1,500
Robison creek.....	Shelby, Ferry & Otto	C. E. Ellis	Mar. 21	4,500
Robison creek.....	Shelby and Ferry	C. E. Ellis	Mar. 21	3,000
Burke creek.....	Shelby and Benona	C. E. Ellis	Mar. 21	1,500
Big creek.....	Shelby, Hart & Benona	C. E. Ellis	Mar. 21	7,500
Dorrance creek.....	Shelby and Benona	C. E. Ellis	Mar. 21	4,500
Hobby creek.....	Shelby and Benona	C. E. Ellis	Mar. 21	6,000
Stony creek.....	Shelby and Benona	C. E. Ellis	Mar. 21	7,500
Bear creek.....	Otto	Henry Baun	Mar. 21	3,000
Wiswell creek.....	Otto	Henry Baun	Mar. 21	1,500
Knudson creek.....	Otto, Greenwood & Newfield	Geo. Williams	Mar. 21	4,500
Williamson creek.....	Ferry and Otto	Geo. Williams	Mar. 21	3,000
Silver Lake creek.....	Golden	C. L. Gold	Mar. 21	3,000
Weaver creek.....	Golden	C. L. Gold	Mar. 21	1,500
Hunter's creek.....	Golden	C. L. Gold	Mar. 21	2,000

## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date	Number.
<b>Oceana county.—Continued.</b>				
Harris creek.....	Golden	C. L. Gold	Mar. 21	2,000
Meyer creek.....	Golden	C. L. Gold	Mar. 21	2,000
Miles creek.....	Golden	Edwin A. Post	Mar. 21	2,000
North branch of south branch of Pentwater river.....	Elbridge	Ray Thompson	Mar. 21	6,000
Pentwater river.....	Elbridge	Monroe G. Hall	Mar. 21	12,000
Cobmossa creek.....	Elbridge and Ferry	Otto Weinrich	Mar. 21	6,000
Tributary to Pentwater river.....	Elbridge	J. E. Plass	Mar. 21	1,000
Pentwater river and tribs.....	Elbridge and Hart	Rufus F. Skeels	Mar. 21	12,000
Barnes creek.....	Elbridge	C. A. Nelson	Mar. 21	1,500
Warren creek.....	Hart	R. De Vries	Mar. 21	3,000
Danielson creek.....	Hart	Frank P. Hillbourn	Mar. 21	3,000
Donaldson creek.....	Hart	Chas. R. Foote	Mar. 21	2,000
Lambert brook.....	Golden	Ira G. Ford	Mar. 21	2,000
Lambrix creek.....	Golden	H. C. Newton	Mar. 21	3,000
School creek.....	Hart	Leicht Bros.	Mar. 21	1,500
Cleveland lake.....	Elbridge	Geo. H. Burns	Mar. 21	2,000
Gene Rouse creek.....	Hart	L. B. Mitchell	Mar. 21	1,500
Runion creek.....	Elbridge	G. K. Platt	Mar. 21	3,000
North branch White river.....	Ferry and Otto	G. A. Kantz	Mar. 21	7,500
<b>Oakland county:</b>				
No name.....	Bloomfield, Troy & Avon	J. H. Bortle	Mar. 30	4,000
No name.....	Bloomfield	J. H. Bortle	Mar. 30	4,000
Stoney creek.....	Addison, Bruce & Washington	H. W. Bradley	Mar. 30	3,000
Headwaters of Huron river.....	Springfield & White Lake	W. C. Ainsley	Mar. 30	3,000
Headwaters of Huron river.....	Springfield & White Lake	B. T. Cooley	Mar. 30	3,000
Eastern branch of Huron river.....	Springfield	E. C. Teegerdine	Mar. 30	2,000
Spring creek.....	H. J. Norton	H. J. Norton	Mar. 30	1,000
Sands creek.....	Highland and Brighton	H. S. Holdridge	April 7	4,500
Pettibone creek.....	Highland	H. S. Holdridge	April 7	4,500
Sands creek.....	Milford and Brighton	T. H. Padley	April 7	4,500
Huron river and tribs.....	Milford	T. H. Padley	April 7	9,000
Field's creek.....	Milford and Commerce	R. S. Potts	April 7	3,000
Pettibone creek.....	Milford	F. B. Hatch	April 7	1,500
Duck creek.....	Brandon & Groveland	B. G. Woolman	April 18	3,000
Tanner's creek.....	Oxford	C. L. Randall	April 18	1,000
Thurston's creek.....	Oakland	L. A. Randall	April 18	2,000
Tributary to Paint creek.....	Oxford	Robert Marshall	April 18	1,500
Lanning creek.....	Oxford	Robert Marshall	April 18	3,000
Baldwin creek.....	Oxford	A. R. Bellaire	April 18	1,500
Townsend stream.....	Oxford	E. J. Holland	April 18	2,000
Moyer's stream.....	Oxford	W. D. Miller	April 18	1,500
Stony creek.....	Avon	E. M. Houghton	April 18	6,000
<b>Ogemaw county:</b>				
West branch of Rifle river.....	West Branch	John Tolfree	April 7	13,500
East branch of Tittabawassee river.....	Horton	John Tolfree	April 7	13,500
Weideman creek.....	West Branch	John Tolfree	April 7	4,500
Prieur creek.....	Klacking and Cumming	John Tolfree	April 7	7,500
Mansfield creek.....	Edwards	John Tolfree	April 7	4,500
Wood's creek.....	West Branch	John Tolfree	April 7	4,500
Klacking creek.....	West Branch	John Tolfree	April 7	3,000
Green's creek.....	Klacking and others	John Tolfree	April 7	6,000
Klacking creek.....	West Branch	Thos. B. Hayes	April 7	3,000
Burt creek.....	Klacking & Churchill	Hon. A. S. Rose	April 15	6,000
Barber creek.....	Rose and Cumming	Hon. A. S. Rose	April 15	4,500
Houghton creek.....	Rose	Hon. A. S. Rose	April 15	3,000
Wilkins creek.....	Rose and Cumming	Hon. A. S. Rose	April 15	6,000
Gamble creek.....	Rose and Cumming	Hon. A. S. Bruce	April 15	4,500
Oyster creek.....	Rose	James Naylor	April 15	3,000
Vaughn creek.....	Rose and Cumming	James Naylor	April 15	3,000
Rife creek.....	Richland	George Eymert	April 15	15,000
Trib. to Rifle river.....	Klacking	Joseph Schneider	April 15	6,000
<b>Ontonagon county:</b>				
Baltimore creek.....	Stannard	J. N. Howlett	May 5	3,000
Bluff creek.....	Haight	C. G. Morse	May 5	3,000
Ten Mile creek.....	Haight	C. G. Morse	May 5	3,000
Spring creek.....	Haight	Almer B. Paine	May 5	3,000
Mersaw creek.....	Haight	D. A. Kooker	May 5	7,500
Bergland creek.....	Matchwood	G. A. Bergland	May 5	4,500
2184 Mile Post.....	Matchwood	E. W. MacPherran	May 5	4,500
Branch of Trout creek.....	47-38	E. W. MacPherran	May 5	4,500
2504 Mile Post.....	47-37	E. W. MacPherran	May 5	4,500
	48-39	E. W. MacPherran	May 5	4,500



## Brook Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Ontonagon county.—Continued.</b>				
Merryweather creek	48-41	E. W. MacPherran.	May 5	4,500
Cushman creek	Rockland	J. W. Craig	May 12	1,500
Sucker creek	Rockland	J. W. Craig	May 12	1,500
Rousseau creek	Bohemia	J. D. Van Slyck	May 12	3,000
Davey's creek	Rockland	Simon Bohan	May 12	1,500
Little Iron river	Carp Lake	Chas. F. Corgan	May 12	6,000
Half Way creek	Ontonagon	Jas. P. Corgan	May 12	3,000
Deer creek	Ontonagon	Chas. F. Roosen	May 12	4,500
Town Line creek	Ontonagon & Carp Lake	T. A. Green	May 12	3,000
Little Cranberry river	Ontonagon	T. A. Green	May 12	3,000
<b>Oceola county:</b>				
Hersey creek	Lincoln	W. P. Young	Mar. 23	8,000
Arnold creek	Cedar and Lincoln	W. P. Young	Mar. 23	2,000
Swain, Johnson and trib branches, also Hersey stream	Lincoln	L. W. Purchase	Mar. 23	5,000
North Hersey creek	Lincoln	L. W. Purchase	Mar. 23	9,000
Upper Sweet creek	Richmond	Louis H. Norman	Mar. 23	2,000
Jersey creek	Richmond	Louis H. Norman	Mar. 23	1,000
Sweet's creek and trib.	Richmond	John Sweet	Mar. 23	1,000
Johnson creek	Richmond	J. C. Holden	Mar. 23	3,000
Hurst creek	Richmond and Lincoln	J. C. Holden	Mar. 23	1,000
Hewett creek and trib.	Richmond	J. C. Holden	Mar. 23	2,000
Beaver creek	Leroy	Geo. W. Kellogg	April 9	7,500
Grindstone creek	Hartwick and Sylvan	C. J. Mills	April 10	4,000
Twin creek	Oceola	C. J. Mills	April 10	4,000
Hoffmeyer creek	Oceola	C. J. Mills	April 10	2,000
<b>Oceola county:</b>				
East branch of Au Sable river	Elmer and Maple Forest	Claud M. Dutcher	Mar. 31	4,500
<b>Ottawa county:</b>				
Little Sand creek	Talmadge	Geo. E. Bratt	Mar. 4	1,000
No name	Talmadge	Geo. E. Bratt	Mar. 4	1,000
Big Sand creek	Talmadge	Geo. E. Bratt	Mar. 4	3,000
Pine creek	Holland and Olive	C. M. Hansen	Mar. 17	4,000
Big Pigeon river	Olive	C. McKinley	April 4	4,500
<b>Otsego county:</b>				
Headwaters of Manistee river	Hayes	C. W. Crapo	Mar. 23	30,000
West branch of Sturgeon river	Corwith and Wilmont	D. M. Sly	April 3	20,000
Main Sturgeon river	Livingston, Corwith and Nunda	D. M. Sly	April 3	32,000
Black river	Dover, Corwith, Montmorenci & Whentland	D. M. Sly	April 3	13,500
Pigeon river	Dover, Corwith & Nunda	D. M. Sly	April 3	9,000
Stuart creek		A. J. Mackenson	April 3	6,000
Little Pigeon river	Corwith	R. W. Moore	April 3	6,000
Trib. of Pigeon river	Corwith	Chas. E. Cornwell	April 3	3,000
Pigeon river	Corwith	Chas. E. Cornwell	April 3	10,500
<b>Presque Isle county:</b>				
Little Rainy river	Allis	J. M. Clark	April 9	2,000
Glacier's creek	Allis	J. M. Clark	April 9	2,000
Rainy river	Allis and North Allis	J. M. Clark	April 9	9,000
Stony creek	Allis and North Allis	J. M. Clark	April 9	4,000
East branch Rainy river	North Allis	J. M. Clark	April 9	4,500
Roger's creek	North Allis	J. M. Clark	April 9	1,500
Gray's creek	Allis and Forest	J. M. Clark	April 9	1,500
<b>Roscommon county:</b>				
South branch of Au Sable river	Richfield & South Branch	Wm. F. Johnston	April 21	30,000
Trib. of South branch of Au Sable river		E. V. Chilson	April 21	30,000
<b>Sanilac county:</b>				
Basler creek	Sanilac	George Platts	April 11	3,000
<b>St. Clair county:</b>				
Mason's creek	Kenochee	Wm. Mason & Dr. Ardiel	April 11	2,600
West branch of Pine river	Wales	G. W. Reich	April 11	3,000
Masson creek	Kenochee	Lincoln Avery	April 11	3,500
<b>St. Joseph county:</b>				
Robinson creek	Sherman	Frank Kenyon	Mar. 7	10,000
No name	Lockport	C. R. Jackson	Mar. 14	2,000
Coon Holler creek	Faber	C. R. Jackson	Mar. 14	2,000

## Brook Trout Plants, 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Schoolcraft county:</b>				
Bear creek	Doyle	W. R. Callaway	April 25	6,000
Gulliver creek	Doyle	Geo. Ghent	April 25	6,000
<b>Tuscola county:</b>				
No name	Dayton	Arthur Haines	April 11	1,000
Sucker creek	Dayton	Arthur Haines	April 11	4,000
Herb creek	Fremont	Arthur Haines	April 11	3,000
Mill creek	Dayton	C. L. Schram	April 11	1,000
Hunt's creek	Dayton	Ed. D. Cartwright	April 11	1,000
Hoten creek	Fremont	Richard Wells	April 11	4,000
Bear creek	Dayton	W. D. Mathews	April 11	4,000
<b>Van Buren county:</b>				
Haigh's creek	Decatur	Burgette Haigh	Mar. 10	1,000
Paw Paw river	Antwerp	Chas. C. Giddings	Mar. 10	3,000
Cold brook	Antwerp	Chas. C. Giddings	Mar. 10	3,000
Dunnington's creek	Decatur	H. Hall	Mar. 10	1,000
Pine creek	Hartford and Keeler	W. A. Palmer	Mar. 17	4,500
Hart's creek	W. A. Palmer	W. A. Palmer	Mar. 17	2,000
Cold Spring brook	South Haven	Dr. C. W. Andrus	Mar. 26	3,000
Fassett creek	Hamilton	C. W. Dane	Mar. 26	1,000
Baker brook	Lawrence	C. W. Dane	Mar. 26	2,000
Spring brook	Hartford	C. W. Dane	Mar. 26	2,000
Allen brook	Lawrence	Edward Allen	Mar. 26	1,000
Hart brook	Lawrence	C. R. Miller	Mar. 26	1,000
Cutler brook	Lawrence	Clark Brothers	Mar. 26	1,000
Antwerp Spring brook	Antwerp, Almena and Waverly	W. C. Weigle	Mar. 26	2,000
East branch Paw Paw river	Paw Paw and Antwerp	R. D. Loveland	Mar. 26	3,000
Mill creek	Genoa	J. T. Tolles	Mar. 26	3,000
Butternut creek	Genoa	Frank T. Warner	Mar. 26	3,000
Carter brook	Paw Paw	James L. Welch	Mar. 26	2,000
Christer's creek	Lawrence	James L. Welch	Mar. 26	1,000
Corwin brook	Hamilton	James L. Welch	Mar. 26	1,000
Bacon brook	Lawrence	James L. Welch	Mar. 26	1,000
Strong creek	Hamilton	Chas. Zimmerman	April 13	1,000
Brush creek	Hamilton and Lawrence	Chas. Zimmerman	April 13	1,000
White creek	Hamilton and Keeler	Chas. Zimmerman	April 13	2,000
Olds creek	Hamilton	Chas. Zimmerman	April 13	1,000
Manly creek	Hamilton	Chas. Zimmerman	April 13	1,000
<b>Washtenaw county:</b>				
Iron creek	Manchester	A. J. Walters	Mar. 13	4,000
Schultz creek	Dexter	Samuel Schultz	Mar. 14	2,000
<b>Wayne county:</b>				
Orchard Hill spring brook	Plymouth	D. W. Packard	Mar. 26	2,000
<b>Wexford county:</b>				
Whitmore creek	Liberty	Chas. H. Bostick	Mar. 23	1,000
Taylor creek	Liberty	Chas. H. Bostick	Mar. 23	1,000
Little Filer creek	Liberty	Chas. H. Bostick	Mar. 23	2,000
Silver creek	Greenwood	C. H. Tyler	Mar. 23	3,000
Buttermilk creek	Greenwood	C. H. Tyler	Mar. 23	2,000
Walton creek	Liberty	J. V. Wright	Mar. 23	1,000
Big Filer creek	Greenwood	Kingsley Sportsmen's Club	Mar. 24	3,000
Little Filer creek	Greenwood	Kingsley Sportsmen's Club	Mar. 24	1,500
Single creek		Mich. Fish Com.	Mar. 24	10,000
Bear creek		Mich. Fish Com.	Mar. 24	10,000
Sand creek		Mich. Fish Com.	Mar. 24	10,000
Total				4,903,000

## Brook Trout Fingerlings, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Chippewa county:</b>				
St. Mary's river	Chippewa	Mich. Fish Com.	May 27	117
Total				117

## Advanced Fry and Fingerling Rainbow Trout Plants, 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Allegheny county:</b>				
No name.....	Leighton.....	Alfred S. Nelson.....	July 18	1,000
<b>Allegany county:</b>				
Whitefish river.....	Various.....	W. R. Callaway.....	Aug. 26	1,500
<b>Barry county:</b>				
High Bank Creek river.....	Johnstown and others.....	W. J. Michael.....	Aug. 7	3,000
Glass Creek river.....	Hope, Pentland & others.....	W. J. Michael.....	Aug. 7	2,000
Mud Creek river.....	Woodland and Castleton.....	W. J. Michael.....	Aug. 7	2,000
Little Thornapple river.....	Woodland and Castleton.....	W. J. Michael.....	Aug. 7	2,000
Hersey creek.....	Hastings.....	Jay Blakney.....	Aug. 7	1,000
Horn creek.....	Hope and Baltimore.....	Keo Silsbee.....	Aug. 7	1,000
Fall creek.....	Severall.....	F. H. Barlow.....	Aug. 7	2,000
Quaker brook.....	Maple Grove and Castleton.....	H. Feighner.....	Aug. 7	2,000
Glass creek.....	Rutland and Irving.....	Edgar Otis.....	Aug. 12	3,000
<b>Benzie county:</b>				
Crystal Lake Inlet.....	Benzoia.....	David E. Burns.....	Aug. 21	4,000
<b>Berrien county:</b>				
Pipestone creek.....	Sodus and Pipestone.....	A. F. Herring.....	July 29	3,000
St. Joseph river tributaries.....	Severall.....	A. F. Herring.....	July 29	5,000
Hickory creek.....	St. Joseph.....	A. F. Herring.....	July 29	3,000
Lemon creek.....	Iron Oak.....	J. W. Isbell.....	July 29	2,000
Blue creek.....	Benton.....	J. W. Isbell.....	July 29	1,000
St. Joseph river tributaries.....	Dudley B. Wallace.....	Dudley B. Wallace.....	July 29	3,000
Outlet of Little Paw Paw Lake.....	Watervliet.....	A. H. Woodward.....	July 29	500
Hemlock creek.....	Watervliet.....	A. H. Woodward.....	July 29	1,000
<b>Branch county:</b>				
Coldwater river.....	Quincy and others.....	John B. Shipman.....	July 18	1,500
<b>Calhoun county:</b>				
Kalamazoo river and tributaries.....	Marshall.....	I. N. Smalley.....	Aug. 9	1,000
Minges brook.....	Battle creek.....	Geo. H. Williams.....	Aug. 9	2,000
Helmer's creek.....	Battle creek & Newton.....	Geo. H. Williams.....	Aug. 9	2,000
<b>Cass county:</b>				
Magician Lake.....	Silver creek.....	F. H. Coddling, D. D. S.....	Aug. 5	1,000
Pine Lake creek.....	Silver creek and Wayne.....	Fred Phillips.....	Aug. 5	1,000
Ireland creek.....	Silver creek.....	Fred Phillips.....	Aug. 5	1,000
Silver creek.....	Silver creek.....	Fred Phillips.....	Aug. 5	3,000
McOmber creek.....	Silver creek.....	Fred Phillips.....	Aug. 5	1,000
Tyron creek.....	Wayne and Silver Creek.....	Fred Phillips.....	Aug. 5	1,000
Lyle creek.....	Silver creek.....	Fred Phillips.....	Aug. 5	1,000
Carmen creek.....	Wayne.....	Fred Phillips.....	Aug. 5	1,000
Kenny creek.....	Wayne.....	Fred Phillips.....	Aug. 5	1,000
Miller creek.....	Pokagon.....	Fred Phillips.....	Aug. 5	1,000
Gage creek.....	Wayne.....	Fred Phillips.....	Aug. 5	1,000
Broadhurst creek.....	Wayne.....	Fred Phillips.....	Aug. 5	1,000
Hatch creek.....	Wayne.....	Fred Phillips.....	Aug. 5	1,000
South branch Dowagiac creek.....	Volinia, LaGrange and others.....	Fred Phillips.....	Aug. 5	1,000
Hampton creek.....	Wayne.....	Fred Phillips.....	Aug. 6	2,000
Glenwood creek.....	Wayne.....	Fred Phillips.....	Aug. 6	2,000
Kinzie creek.....	Jefferson.....	Fred Phillips.....	Aug. 6	3,000
Pokagon.....	Pokagon.....	Fred Phillips.....	Aug. 6	4,000
Peavine creek.....	Pokagon.....	Fred Phillips.....	Aug. 6	2,000
Conklin stream.....	Marcellus.....	B. F. Mikel.....	Aug. 7	1,000
<b>Charlevoix county:</b>				
North Boyne River.....	Boyne Valley.....	John L. A. Galster.....	Aug. 23	3,000
Wallowan lake.....	Bay and Melrose.....	J. Mizer.....	Aug. 23	5,000
<b>Chippewa county:</b>				
East branch Pine river.....	Kinross.....	W. R. Callaway.....	Aug. 26	1,500
West branch Pine river.....	Trout Lake & Rudyard.....	W. R. Callaway.....	Aug. 26	1,500
St. Mary's river.....		Mich. Fish Com.....	Aug. 30	10,000
<b>Delta county:</b>				
Day's river.....	Perkins and others.....	W. R. Callaway.....	Aug. 26	1,500
Whitefish creek.....	Severall.....	J. Crooks.....	Aug. 26	1,500
<b>Eaton county:</b>				
Thornapple river.....	Benton.....	Frank J. Johnston.....	Aug. 7	3,000
Sandstone creek.....	Oneida.....	Fred L. Berry.....	Aug. 13	2,000

## Advanced Fry and Fingerling Rainbow Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Emmet county:</b>				
No name.....	Littlefield.....	W. W. Fairbairn.....	Aug. 23	1,000
Crooked river.....	Littlefield & Maple River.....	W. W. Fairbairn.....	Aug. 23	2,000
<b>Gogebie county:</b>				
Sargent creek.....	Watersmeet.....	Pat Kelley.....	Aug. 27	1,000
Thousand Island lakes.....	Watersmeet.....	A. D. Johnston.....	Aug. 27	1,000
Pomeroy lake.....	Marenisco.....	A. D. Johnston.....	Aug. 27	1,000
Loon lake.....	Watersmeet.....	A. D. Johnston.....	Aug. 27	1,000
Clark lake.....	Watersmeet.....	A. D. Johnston.....	Aug. 27	1,000
<b>Hillsdale county:</b>				
Branch of Raisin river.....	Somerset.....	Louis S. Walworth.....	Aug. 14	1,000
Branch of Raisin river.....	Somerset.....	Wm. Bickford.....	Aug. 14	1,000
Branch of Raisin river.....	Somerset.....	Wm. Bickford.....	Aug. 14	2,000
No name.....	Somerset and Wheatland.....	Frank Carney.....	Aug. 14	2,000
Sand creek.....	Allen and Litchfield.....	L. C. Feighner.....	Aug. 14	3,000
<b>Huron county:</b>				
Pinnebog river.....	Hume.....	Hon. L. R. Thomas.....	Sept. 24	3,000
<b>Ingham county:</b>				
Willow creek.....	Vevay.....	L. C. Webb.....	Aug. 9	2,000
<b>Ionia county:</b>				
Wabasis and Dickerson creeks.....	Eureka and others.....	Brinton F. Hall.....	July 22	2,000
Prairie creek.....	Ronald.....	Clark Reimer.....	July 24	1,000
Perrin's creek.....	Orange.....	Ross W. Benedict.....	July 24	1,500
Session's creek.....	Berlin.....	Frank Eddy.....	July 24	2,000
Arnold's creek.....	Ionia and Berlin.....	Charles Stein.....	July 24	1,000
Prairie creek.....	Ionia.....	Charles Stein.....	July 24	2,000
Morrison lake inlet.....	Boston.....	John Wallington.....	July 30	1,000
Hunt's creek.....	Berlin.....	John Wallington.....	July 30	1,000
Dexter creek.....	Easton.....	John Wallington.....	July 30	1,000
Mill creek.....	Boston.....	John Wallington.....	July 30	1,000
Knapp creek.....	Lyons.....	Dr. Thomas Weston.....	July 30	1,000
Speer's spring creek.....	Lyons.....	Dr. Thomas Weston.....	July 30	1,000
Struble creek.....	Lyons & North Plains.....	C. A. Dalzell.....	July 30	1,000
<b>Iron county:</b>				
Brule river.....	Severall.....	F. G. Hood & Co.....	Aug. 27	1,500
Section 33 creek.....	Iron river.....	Belmont Waples.....	Aug. 27	1,500
Paint river.....	Crystal Falls and others.....	Arvid Bjork.....	Aug. 27	1,000
<b>Jackson county:</b>				
Willow brook.....	Liberty.....	Geo. E. Beebe.....	Aug. 9	1,000
Rice creek.....	Parma.....	Geo. E. Beebe.....	Aug. 9	1,000
Wade brook.....	Tompkins.....	Geo. E. Beebe.....	Aug. 9	1,000
Sandstone creek.....	Sandstone.....	Geo. E. Beebe.....	Aug. 9	2,000
Snyder's creek.....	Spring Arbor.....	Geo. E. Beebe.....	Aug. 9	2,000
Crouch creek.....	Summit.....	Geo. E. Beebe.....	Aug. 9	2,000
Tribs of Kalamazoo river.....	Hanover.....	Geo. E. Beebe.....	Aug. 9	1,000
Inlets to Farwell lake.....	Hanover.....	Wells W. Dew.....	Aug. 14	2,000
East branch Kalamazoo river.....	Hanover.....	A. B. Sanderson.....	Aug. 14	2,000
Headwaters Kalamazoo river.....	Hanover.....	F. M. Kennedy.....	Aug. 14	1,000
Skiff Lake.....	Liberty.....	Robert B. Kerr.....	Aug. 14	1,000
<b>Kalamazoo county:</b>				
Spring Run creek.....	Schoolcraft and Park.....	Bert E. Beebe.....	Aug. 7	2,000
Richland.....	Richland.....	R. R. Telfer.....	Aug. 12	2,000
Hall's spring.....	Alamo.....	C. A. Wise.....	July 18	1,500
Portage creek.....	Portage.....	C. A. Wise.....	July 18	1,500
<b>Kent county:</b>				
Beaver Dam creek.....	Oakfield.....	W. S. Lambertson.....	July 22	1,000
Wabasis creek.....	Oakfield & Eureka.....	W. S. Lambertson.....	July 22	1,000
Dop creek.....	Solon.....	Edward W. Wheeler.....	July 25	2,000
Spring creek.....	Solon.....	Edward W. Wheeler.....	July 25	2,000
Duke creek.....	Nelson and Solon.....	Edward W. Wheeler.....	July 25	2,000
Stegman creek.....	Courtland.....	Edward W. Wheeler.....	July 25	500
Little Cedar creek.....	Netlon, Courtland and Algoma.....	Edward W. Wheeler.....	July 25	2,000
Cedar creek.....	Algoma.....	Edward W. Wheeler.....	July 25	2,000
Rouge river.....	Tyrone.....	C. S. Parks.....	July 29	2,000
Cedar creek.....		Mich. Fish Com.....	Aug. 24	3,000
Crinion creek.....	Mostly Oakfield.....	Freeman Addis.....	Sept. 2	2,000
Mill creek.....	Grand Rapids.....	Dwight Lydell.....	Oct. 5	1,000

## Advanced Fry and Fingerling Rainbow Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
Lake county:				
Pere Marquette river.....	Severel.....	Geo. M. Brown.....	July 27	4,000
Middle branch Pere Marquette river.....	Chase.....	C. Hngerman.....	July 27	5,000
Pere Marquette river.....	Severel.....	H. W. Davis.....	Oct. 23	19,200
Lapeer county:				
North branch Flint river.....	North Branch and others.....	E. J. Thrasher.....	Aug. 27	3,000
Borsig creek.....	Metamora and Dryden.....	P. B. Glaspie.....	Aug. 27	1,000
North branch Clinton river.....	Almont and others.....	H. W. Bradley.....	Aug. 30	3,000
Lennawee county:				
Tiffin river or Bear creek.....	Seneea & Medina.....	Chas. M. Butler, M. D.....	Aug. 9	4,000
Macomb county:				
Moor creek.....	Richmond.....	Hon. T. W. McCall.....	Aug. 2	2,000
Mackinaw county:				
Black river.....	Garfield.....	W. R. Callaway.....	Aug. 26	1,500
Marquette county:				
Wilson's creek.....	Humholdt.....	D. T. Morgan.....	Aug. 30	1,000
Trout Falls creek.....	Republic.....	B. Bengtson.....	Aug. 30	1,000
Bruce creek.....	Republic.....	C. W. Munson.....	Aug. 30	1,000
Spruce river.....	Republic.....	C. W. Munson.....	Aug. 30	1,000
Michigan river.....	Republic.....	C. W. Munson.....	Aug. 30	1,000
Dishro creek.....	Champion.....	Edwin M. Stensrud.....	Aug. 30	1,000
Peshekee river.....	Michiganme.....	Peter Dolf.....	Aug. 30	1,000
Spruce river.....	Michiganme.....	Osby E. Wood.....	Aug. 30	1,000
Mason county:				
Sauble river.....	Freesoil.....	Thos. S. Stephens.....	July 27	7,000
Lincoln river.....	Sheridan.....	John Grey.....	July 27	7,000
Mecosta county:				
Tompkins creek.....	Hinton.....	C. W. Vining.....	July 22	1,000
Sylvester creek.....	Hinton.....	C. W. Vining.....	July 22	1,500
Foney creek.....	Wheatland & Bloomfield.....	P. J. Theisen.....	July 23	2,000
Chippewa river and west branch Little Muskegon river.....	Morton and Sheridan.....	P. J. Theisen.....	July 23	2,500
Gilbert creek.....	Morton.....	John Miller.....	July 23	1,000
Menominee county:				
Little Cedar creek.....	Meyer.....	Byron J. Kent.....	Aug. 27	1,000
West branch of Little Cedar.....	Meyer.....	John H. Loomis.....	Aug. 27	1,000
Montcalm county:				
Turk Lake creek.....	Montcalm.....	Ed Voegel.....	July 22	500
Tamarack creek.....	Cato and Winfield.....	C. W. Vining.....	July 22	2,500
Bushnell creek.....	Bushnell.....	W. B. Hoople.....	July 24	1,500
Inlets to Whitefish lake.....	Pierson.....	Wm. Aldrich Tateum.....	July 25	500
Grant creek.....	Pierson.....	Martin H. Holcomb.....	July 25	500
Carpenter creek.....	Pierson.....	Fred H. Peck.....	July 25	1,000
Simpson creek.....	Pierson.....	A. F. Petrie.....	July 25	1,000
Little Muskegon river.....	Reynolds.....	H. M. Gibbs.....	July 25	3,000
Tamarack creek and tributaries.....	Cato, Winfield & others.....	W. H. Lovely.....	July 25	3,000
Handy creek.....	Reynolds.....	H. N. Van Denbergh.....	July 25	2,000
Rust creek.....	Winfield.....	James Briggs.....	July 25	2,000
Outlet to Mucellonge Inke.....	Maple Valley.....	Jensen Brothers.....	July 29	2,000
Main part of Fish creek.....	Crystal.....	O. D. White.....	Sept. 2	2,000
Muskegon county:				
McClaren creek.....	Blue Lake.....	Hon. Fred J. Russell.....	July 26	2,000
McClaren creek.....	Blue Lake.....	Hon. Fred J. Russell.....	July 27	2,000
Newaygo county:				
White river.....	Wilcox.....	Wm. Pomeroy.....	July 29	4,000
Little south branch of Pere Marquette river.....	Mich. Fish Com.....		Aug. 24	15,000
Oakland county:				
Big Spring creek.....	Highland.....	W. S. Lovejoy.....	July 31	1,000
Huron river.....	Millford.....	T. H. Padley.....	July 31	2,000
Indian Garden Lake Inlets.....	Millford.....	R. S. Potts.....	July 31	1,000
Huron river.....	Millford and Commerce.....	F. B. Hatch.....	July 31	2,000
Goose creek.....	Brandon.....	A. Sutherland.....	Aug. 27	1,000
Long lake.....	Orion.....	W. A. Benjamin.....	Aug. 27	1,000
Thurston creek.....	Orion.....	A. R. Bellaire.....	Aug. 27	1,000
Hummer creek.....	Orion.....	Philo Ensley.....	Aug. 27	1,000
Lanning creek.....	Oxford.....	Robt. Marshall.....	Aug. 27	1,000

## Advanced Fry and Fingerling Rainbow Trout Plants, 1907.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
Oakland county.—Continued.				
Paint creek.....	Oxford.....	Albert Marshall.....	Aug. 27	1,000
Farmer's creek.....	Oxford and Orion.....	C. L. Randall.....	Aug. 27	1,000
Gardner's brook.....	Oxford.....	Harry Sharette.....	Aug. 27	1,000
Headwaters of Huron river.....	White Lake & Springfield.....	B. T. Cooley.....	Aug. 30	1,000
Inlet to Deer lake.....	Springfield.....	Oliver N. Gardner.....	Aug. 30	1,000
West branch of Clinton river.....	Springfield.....	Edmund Foster.....	Aug. 30	1,000
Stoney creek.....	Oakland and others.....	H. W. Bradley.....	Aug. 30	2,000
Oceana county:				
North branch of White river.....	Otto and Ferry.....	G. A. Kantz.....	July 26	3,000
Gales mill pond.....	Elbridge.....	Ralph DeVries.....	July 26	2,000
Gene Rouse creek.....	Hart.....	L. B. Mitchell.....	July 26	500
Pentwater river.....	Hart and Elbridge.....	Frank P. Hilbourne.....	July 26	1,000
North branch of south branch Pentwater riv.....	Elbridge.....	Ray Thompson.....	July 26	3,000
South branch of south branch Pentwater riv.....	Elbridge.....	John E. Plass.....	July 26	2,000
Pentwater river.....	Elbridge, Hart and Pentwater.....	Rufus Skeels.....	July 26	4,000
Read creek.....	Ferry and Elbridge.....	Fred F. Wright.....	July 26	1,000
Ogemaw county:				
Rifle river.....	Rose, Cumming & others.....	Hon. A. S. Rose.....	Aug. 19	3,000
Clear lake.....	Richland.....	Hon. A. S. Rose.....	Aug. 19	2,000
Rifle river.....	Richland.....	Geo. Eymmer.....	Aug. 19	2,000
Ontonagon county:				
Cascade river.....		G. A. Bergland.....	Aug. 30	1,000
Oseola county:				
Hersey river, below and above Reed City.....	Lincoln, Richmond and Hersey.....	G. M. Brown.....	Aug. 30	5,000
Presque Isle county:				
Drum lake.....	Bismark.....	F. L. Baird.....	Aug. 19	2,000
Saginaw county:				
Saginaw river.....		Mich. Fish Com.....	Aug. 16	8,000
Sanilac county:				
Basler creek.....	Sanilac.....	Geo. Plattes.....	Aug. 2	2,000
Black river tribs.....	Lexington.....	C. J. Reynolds.....	Aug. 2	5,000
Schoolcraft county:				
Hughes Lake and inlet.....	Harrison.....	Abraham Hughes.....	Aug. 26	500
St. Clair county:				
Belle river.....	Riley.....	Hon. Thomas McCall.....	Aug. 2	3,000
Mill creek.....	Kenockee.....	Robert Edmison.....	Aug. 2	2,000
Tuscola county:				
Sucker creek.....	Dayton & Indian Field.....	Arthur Haines.....	Aug. 2	2,000
Fryer's creek.....	Dayton.....	Ed. D. Cartwright.....	Aug. 2	1,000
Goodwin creek.....	Millington.....	A. L. Phelps.....	Aug. 2	2,000
West branch Sucker creek.....	Dayton and others.....	A. L. Phelps.....	Aug. 2	2,000
Van Buren county:				
North branch Big Dowagiack creek.....	Decatur, Wayne & others.....	Fred Phillips.....	Aug. 5	4,000
Wayne county:				
No name.....	Northville.....	W. W. Thayer.....	Aug. 13	3,000
No name.....	Northville.....	W. W. Thayer.....	Nov. 1	1,200
Washtenaw county:				
Huron river and Mill creek.....		L. D. Alley.....	Aug. 9	2,000
Total.....				404,900

## Rainbow Trout Plants, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Allegan county:</b>				
Gregg creek.....	Wayland and Martin.....	Wm. Jones.....	June 22	4,000
Little Rapid river.....	Hopkin.....	Wm. Jones.....	June 22	4,000
No name.....	Leighton.....	Alfred S. Nelson.....	June 22	2,000
<b>Antrim county:</b>				
Town Line creek.....	Banks.....	O. P. Barber.....	July 1	7,500
Ogletree creek.....	Banks and Central Lake.....	Dr. L. W. Newman.....	July 1	6,000
<b>Alger county:</b>				
East Bay.....	Burt.....	Chas. L. Hickok.....	July 14	6,000
<b>Barry county:</b>				
Glass creek.....	Rutland and Irving.....	Edgar Otis.....	June 22	3,000
High Bank Creek river.....	Johnstown and others.....	W. J. Michael.....	June 24	3,000
Little Thornapple river.....	Woodland and Castle.....	W. J. Michael.....	June 24	2,000
Mud Creek river.....	Woodland and Castle.....	W. J. Michael.....	June 24	2,000
Glass creek.....	Hope and others.....	W. J. Michael.....	June 24	2,000
Bentley creek.....	Hastings.....	Jay Blakney.....	June 24	1,000
Hersey creek.....	Hastings.....	Jay Blakney.....	June 24	1,000
Heny creek.....	Hastings.....	Jay Blakney.....	June 24	1,000
Lane creek.....	Rutland.....	Shirley Meanes.....	June 24	1,000
Tamarack creek.....	Baltimore.....	John L. Jones.....	June 24	1,000
Fall creek.....	Severl.....	F. H. Barlow.....	June 24	2,000
Horn creek.....	Hope and Baltimore.....	Igo Silsbee.....	June 24	1,000
Quaker brook.....	Maple Grove and others.....	H. Feighner.....	June 24	2,000
Kelley creek.....	Baltimore.....	Fred Stowell.....	June 24	3,000
Murry creek.....	Baltimore.....	C. H. Osborn.....	June 24	1,000
<b>Benzie county:</b>				
Crystal lake inlet.....	Benzonia.....	David E. Burns.....	June 11	6,000
<b>Branch county:</b>				
Coldwater river.....	Quincy and others.....	John B. Shipman.....	June 24	3,000
<b>Berrien county:</b>				
Hemlock creek.....	Watervliet.....	A. H. Woodward.....	June 15	1,000
Outlet of Little Paw Paw lake.....	Watervliet.....	A. H. Woodward.....	June 15	1,000
St. Joseph River and tribs.....	Benton.....	Dudley B. Douglas.....	June 15	3,000
Paw Paw river.....	Benton.....	Walter Busch.....	June 15	5,000
Lemon creek.....	Iron Oak.....	J. W. Isbell.....	June 15	2,000
Blue creek.....	Benton.....	J. W. Isbell.....	June 15	2,000
Hickory creek.....	St. Joseph.....	A. F. Herring.....	June 15	3,000
Pipestone creek.....	Sodus and Pipestone.....	A. F. Herring.....	June 15	3,000
St. Joseph river tributaries.....	St. Joseph.....	A. F. Herring.....	June 15	5,000
McCoy creek.....	Buchanan.....	A. A. Worthington.....	June 16	2,000
<b>Cass county:</b>				
Yaw brook.....	Pokagon.....	John Wyant.....	June 15	3,000
Silver creek.....	Silver Creek.....	Fred Phillips.....	June 16	3,000
Pine Lake creek.....	Silver Creek and Wayne.....	Fred Phillips.....	June 16	1,000
Miller creek.....	Pokagon.....	Fred Phillips.....	June 16	1,000
Broadhurst creek.....	Wayne.....	Fred Phillips.....	June 16	1,900
Hatch creek.....	Wayne.....	Fred Phillips.....	June 16	1,000
Gage creek.....	Wayne.....	Fred Phillips.....	June 16	1,000
Little Dowagiac creek.....	La Grange & Pokagon.....	Fred Phillips.....	June 16	4,000
Kenny creek.....	Wayne.....	Fred Phillips.....	June 16	1,000
Tyron creek.....	Wayne and Silver Creek.....	Fred Phillips.....	June 16	1,000
Carmen creek.....	Wayne.....	Fred Phillips.....	June 16	1,000
Lyle creek.....	Silver Creek.....	Fred Phillips.....	June 16	1,000
McOmber creek.....	Silver Creek.....	Fred Phillips.....	June 16	1,000
Ireland creek.....	Silver Creek.....	Fred Phillips.....	June 16	1,000
South branch Dowagiac creek.....	Volina and others.....	Fred Phillips.....	June 16	1,000
Pokagon creek.....	Jefferson.....	Fred Phillips.....	June 16	2,000
Peavine creek.....	Pokagon.....	Fred Phillips.....	June 16	3,000
Big Dowagiac creek.....	Pokagon.....	Fred Phillips.....	June 16	2,000
Hampton creek.....	Decatur and others.....	Fred Phillips.....	June 16	6,000
Glenwood creek.....	Wayne.....	Fred Phillips.....	June 16	1,000
Conklin creek.....	Marcellus.....	B. F. Mikel.....	June 16	2,000
<b>Clare county:</b>				
Halstead creek.....	Grant.....	F. C. Sanford.....	July 6	7,500
Chord creek.....	Grant.....	F. C. Sanford.....	July 6	3,000
McKinley creek.....	Sheridan.....	F. C. Sanford.....	July 6	7,500

## Rainbow Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Cheboygan county:</b>				
North Twin lake.....	Kohler.....	H. R. Field.....	June 22	6,000
<b>Charlevoix county:</b>				
North Boyne river.....	Boyne Valley.....	J. L. A. Galster.....	June 22	10,500
<b>Calhoun county:</b>				
Helmer's creek.....	Battle Creek & Newton.....	George Williams.....	June 16	2,000
Minges brook.....	Battle Creek.....	George Williams.....	June 16	2,000
Kalamazoo river and tributaries.....	Marshall.....	I. N. Smalley.....	June 16	3,000
<b>Delta county:</b>				
Whitefish creek.....	.....	J. Crooks.....	July 14	7,500
<b>Dickinson county:</b>				
Long lake.....	Sagola.....	H. M. Boll.....	July 15	7,500
<b>Emmet county:</b>				
No name.....	Littlefield.....	W. W. Fairbairn.....	June 22	3,000
<b>Eaton county:</b>				
Thornapple river.....	Benton.....	Frank J. Johnston.....	June 16	3,000
Sandstone creek.....	Oneida.....	Fred L. Berry.....	June 30	3,000
<b>Goebie county:</b>				
Beaton's or Blomer's creek.....	Watersmeet.....	C. M. McDonald.....	July 15	3,000
Pomeroy.....	Marenisco.....	A. D. Johnston.....	July 15	3,000
Thousand Island lake.....	Watersmeet.....	A. D. Johnston.....	July 15	4,500
Sargent creek.....	Watersmeet.....	Pat Kelley.....	July 15	2,000
<b>Huron county:</b>				
Pinnebog creek.....	Hume.....	Hon. L. R. Thomas.....	July 7	4,500
<b>Hillsdale county:</b>				
Branch of Raisin river.....	Somerset.....	Wm. Bickford.....	June 24	2,000
Branch of Raisin river.....	Somerset.....	Wm. Bickford.....	June 24	3,000
Branch of Raisin river.....	Somerset.....	L. S. Walworth.....	June 24	2,000
No name.....	Somerset and Rollin.....	A. W. Wood.....	June 24	2,000
Sand creek.....	Somerset and Wheatland.....	Frank Carney.....	June 24	3,000
Emery Mills creek.....	Allen and Litchfield.....	L. C. Feighner.....	June 24	3,000
.....	Hillsdale.....	W. C. Kemp.....	June 24	3,000
<b>Iron county:</b>				
Brule river.....	.....	F. G. Hood & Co.....	July 15	4,500
Section 33 creek.....	Iron River.....	Belmont Waples.....	July 15	2,000
Paint river.....	Crystal Falls and others.....	Arvid Bjork.....	July 15	9,000
Net river.....	Hematite.....	Geo. Premo.....	July 15	4,500
<b>Ingham county:</b>				
Willow creek.....	Vevay.....	L. C. Webb.....	June 24	2,000
<b>Ionia county:</b>				
Strouble creek.....	North Plains and Lyons.....	C. A. Dalzell.....	June 26	3,000
Dexter creek.....	Easton.....	John Wallington.....	June 26	2,000
Morrison Lake creek.....	Boston.....	John Wallington.....	June 26	2,000
Knapp creek.....	Lyons.....	Dr. Thomas Weston.....	June 26	1,000
Speer's spring creek.....	Lyons.....	Dr. Thomas Weston.....	June 26	2,000
Wabasis and Dickerson creeks.....	Eureka and others.....	Brinton F. Hall.....	June 30	13,500
Arnold's creek and mill pond.....	Ionia.....	G. W. Arnold's Sons.....	June 30	9,000
Prairie creek with pond.....	Ionia.....	Charles Stein.....	June 30	6,000
Perritt's creek.....	Orange.....	Ross B. Benedict.....	June 30	4,500
<b>Jackson county:</b>				
Rice creek.....	Parma.....	Geo. E. Beebe.....	June 24	1,000
Willow creek.....	Parma and Sandstone.....	Geo. E. Beebe.....	June 24	3,000
Snyder's creek.....	Spring Arbor.....	Geo. E. Beebe.....	June 24	4,000
Wade creek.....	Tompkins.....	Geo. E. Beebe.....	June 24	2,000
Headwaters of Grand river.....	Liberty and Columbia.....	Geo. E. Beebe.....	June 24	5,000
Crouch's creek.....	Summit.....	Geo. E. Beebe.....	June 24	4,000
Trib to Kalamazoo river.....	Hanover.....	Geo. E. Beebe.....	June 24	1,000
Sandstone creek.....	Sandstone and Blackman.....	Geo. E. Beebe.....	June 24	5,000
Four Mile creek.....	Blackman.....	Geo. E. Beebe.....	June 24	3,000
East branch Kalamazoo river.....	Hanover.....	A. B. Sanderson.....	June 24	2,000
Headwaters of Kalamazoo river.....	Hanover.....	F. M. Kennedy.....	June 24	2,000
Skiff lake.....	Liberty.....	R. B. Kerr.....	June 24	2,000

## Rainbow Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Kalamazoo county:</b>				
Portage creek.....	Portage.....	C. A. Wise.....	June 22	3,000
Hall spring.....	Alamo.....	C. A. Wise.....	June 22	4,000
<b>Kent county:</b>				
Big Cedar creek.....	Algoma.....	B. E. Hill.....	June 22	5,000
Mill creek.....	Grand Rapids.....	Mich. Fish Com.....	June 22	4,000
Cedar creek.....	Algoma.....	N. F. Helsel.....	June 22	5,000
Strawberry creek.....	Alpine.....	Dwight Lydell.....	June 22	5,000
Cedar creek.....	Algoma.....	E. W. Wheeler.....	June 22	2,000
Little Cedar creek.....	Nelson and others.....	E. W. Wheeler.....	June 22	2,000
Dop creek.....	Solon.....	E. W. Wheeler.....	June 22	2,000
Spring creek.....	Solon.....	E. W. Wheeler.....	June 22	2,000
Stegman creek.....	Courtland.....	E. W. Wheeler.....	June 22	1,000
Duks creek.....	Nelson and Solon.....	E. W. Wheeler.....	June 22	2,000
Rogue river.....	Tyrone.....	C. S. Parks.....	June 23	7,500
Beaver Dam creek.....	Oakfield.....	W. S. Lambertson.....	June 30	3,000
Wabasis creek.....	Oakfield and Eureka.....	W. S. Lambertson.....	June 30	3,000
Crinion creek.....	Oakfield.....	Freeman Addis.....	June 30	6,000
<b>Lake county:</b>				
Middle branch Pere Marquette river.....	Chase.....	C. Hagerman.....	July 2	30,000
<b>Lapeer county:</b>				
North branch Clinton river.....	Almont and others.....	H. W. Bradley.....	June 26	5,000
Borsig creek.....	Metamora and Dryden.....	P. B. Glaspie.....	July 7	1,500
<b>Leelanau county:</b>				
No name.....	Solon.....	F. Nunemaker.....	June 11	4,500
<b>Lenawee county:</b>				
Tiffin river or Bear creek.....	Seneca or Medina.....	C. M. Butler, M. D.....	June 24	5,000
<b>Macomb county:</b>				
Moore creek.....	Richmond.....	Hon. T. W. McColl.....	July 7	3,000
<b>Mason county:</b>				
Sauklee river.....	Freesoil.....	Thos. S. Stephens.....	July 3	15,000
Lincoln river.....	Sherman.....	Henry Eoff.....	July 3	10,000
<b>Marquette county:</b>				
Spruce river.....	Michiganme.....	Peter Dolf.....	July 14	6,000
Peshekee river.....	Michiganme.....	E. M. Stensrud.....	July 14	9,000
Dishro creek.....	Champion.....	E. M. Stensrud.....	July 14	6,000
Trout Falls creek.....	Republic.....	B. Bengtson.....	July 14	6,000
Wilson's creek.....	Humboldt.....	D. T. Morgan.....	July 14	6,000
Bruce creek.....	Republic.....	C. W. Munson.....	July 14	7,500
Spruce river.....	Republic.....	C. W. Munson.....	July 14	6,000
Michiganme river.....	Republic.....	C. W. Munson.....	July 14	7,500
Mc lake.....	Forsythe.....	A. C. Seass.....	July 14	7,500
<b>Mecosta county:</b>				
Little Muskegon river.....	Aetna.....	J. D. McManus.....	June 22	10,000
Beacon creek.....	Fork.....	W. E. Redick.....	June 24	3,000
North branch Chippewa river.....	Fork.....	W. E. Redick.....	June 24	15,000
South branch Chippewa river.....	Fork.....	W. E. Redick.....	June 24	15,000
Sylvester creek.....	Hinton.....	C. W. Vining.....	June 30	4,500
Tompkins creek.....	Hinton.....	C. W. Vining.....	June 30	3,000
Poney creek.....	Whenton & Bloomfield.....	P. J. Theisen.....	June 30	6,000
Chippewa river and west branch Little Muskegon river.....	Morton and Sheridan.....	P. J. Theisen.....	June 30	7,500
Little Muskegon river.....	Mecosta.....	Ray B. Carman.....	June 30	15,000
<b>Montcalm county:</b>				
Tamarack creek.....	Reynolds.....	A. M. Cook.....	June 22	10,000
Tribs. to Tamarack creek.....	Reynolds and Pierson.....	Burt Collins.....	June 22	10,000
Tamarack creek.....	Reynolds.....	W. H. Lovely.....	June 22	10,000
Little Muskegon river.....	Reynolds.....	H. M. Gibbs.....	June 22	3,000
Little Muskegon river.....	Reynolds.....	H. M. Gibbs.....	June 22	5,000
Handy creek.....	Reynolds.....	C. Wolfe.....	June 22	5,000
Church creek.....	Reynolds & Maple Valley.....	J. Pemberton.....	June 22	3,000
Handy creek.....	Reynolds.....	H. N. Vandenberg.....	June 22	2,000
Bushnell creek.....	Bushnell.....	W. B. Hoople.....	June 24	4,500
Fish creek.....	Ferris, Day and others.....	T. S. Earle.....	June 24	15,000
Fish creek.....	Ferris, Day and others.....	T. S. Earle.....	June 24	6,000
West Lake creek.....	Pine.....	F. D. Briggs.....	June 30	6,000
West Branch creek.....	Pine.....	F. D. Briggs.....	June 30	3,000

## Rainbow Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Montcalm county.—Continued.</b>				
Kortes creek.....	Pine.....	F. D. Briggs.....	June 30	4,500
Broderick creek.....	Pine.....	F. D. Briggs.....	June 30	3,000
Outlet to Muscalonge lake.....	Maple Valley.....	Jansen Brothers.....	June 30	3,000
Main part of Fish creek.....	Crystal.....	O. D. White.....	June 30	4,500
Tamarack creek.....	Cato and Winfield.....	C. W. Vining.....	June 30	7,500
<b>Muskegon county:</b>				
Cedar or Big Cedar creek.....	Holton.....	Wm. Pomeroy.....	June 23	15,000
Blue Lake.....	Blue Lake.....	Hon. F. J. Russell.....	June 26	2,000
McClaren creek.....	Blue Lake.....	Hon. F. J. Russell.....	June 26	2,000
<b>Newaygo county:</b>				
Little south branch Pere Marquette river.....		R. H. Randall.....	June 13	20,000
Pear creek.....	Norwich, Barton & Home.....	R. H. Randall.....	June 13	20,000
Little south branch Pere Marquette river.....		Mich. Fish Com.....	June 13	12,000
White river.....		Wm. Pomeroy.....	June 23	6,000
South branch of White river.....	Denver and others.....	Geo. E. Walker.....	June 23	10,500
White river.....		Frank Utley.....	June 23	15,000
<b>Oakland county:</b>				
Headwaters of Huron river.....	White Lake & Springfield.....	B. T. Cooley.....	June 26	3,000
Stoney creek.....	Oakland and others.....	H. W. Bradley.....	June 26	5,000
Inlet to Deer lake.....	Springfield.....	O. N. Gardner.....	June 26	2,000
Hummer creek.....	Orion.....	C. S. Chapman.....	July 7	4,500
Thurston creek.....	Orion.....	Philo Enslley.....	July 7	1,500
Farmer's creek.....	Orion & Oxford.....	C. L. Randall.....	July 7	1,500
Paint creek.....	Oxford.....	Albert Marshall.....	July 7	1,500
Lanning creek.....	Oxford.....	Rob't Marshall.....	July 7	1,500
Goose creek.....	Brandon.....	A. Sutherland.....	July 7	1,500
Gardner creek.....	Oxford.....	Harry Sharette.....	July 7	1,500
Big Spring creek.....	Highland.....	W. S. Lovejoy.....	July 7	1,500
Huron river.....	White Lake.....	Henry McWithey.....	July 7	15,000
Sherwood creek.....	Milford.....	R. S. Potts.....	July 7	3,000
Indian Garden lake inlets.....	Milford.....	R. S. Potts.....	July 7	1,500
Huron river above Pettes dam.....	Milford.....	T. H. Padley.....	July 7	15,000
Small spring brook flowing into Ball lake.....	Commerce.....	T. H. Padley.....	July 7	1,500
Frelon creek.....	Commerce.....	T. H. Padley.....	July 7	4,500
Huron river.....	Milford.....	T. H. Padley.....	July 7	15,000
Wallace creek.....	Whitelake & Commerce.....	Tom Forbes.....	July 7	4,500
<b>Oscoda county:</b>				
Hersey river below and above Reed City.....	Lincoln and others.....	G. M. Brown.....	June 22	15,000
<b>Oceana county:</b>				
North branch of White river.....	Newfield.....	Earl Anderson.....	June 23	10,500
Van Leete creek.....	Greenwood.....	Leyland Poe.....	June 23	3,000
May creek.....	Elbridge.....	Ray Thompson.....	June 26	5,000
North branch of south branch Pentwater riv.....	Elbridge.....	Ray Thompson.....	June 26	5,000
Runion creek.....	Elbridge.....	J. R. Thompson.....	June 26	4,000
Pentwater river.....	Hart and Elbridge.....	F. P. Hillbourn.....	June 26	5,000
Pentwater river.....	Hart and Pentwater.....	Rufus Skeels.....	June 26	10,000
Gene Rouse creek.....	Hart.....	L. B. Mitchell.....	June 26	2,000
Gales Mill pond.....	Elbridge.....	L. B. Mitchell.....	June 26	1,000
Cedar creek.....	Elbridge.....	Ralph De Vries.....	June 26	5,000
South branch of Pentwater river.....	Hart.....	Ralph De Vries.....	June 26	7,000
No name.....	Ferry.....	Wm. E. Gunn.....	June 26	1,000
Reed lake.....	Ferry and Elbridge.....	Fred F. Wright.....	June 26	2,000
North branch of south branch of Pentwater riv.....	Elbridge.....	John E. Plass.....	June 26	4,000
North branch of White river.....	Otto and Ferry.....	G. A. Kantz.....	June 26	5,000
Wiswell creek.....	Otto.....	Henry Baun.....	June 26	2,000
Bear creek.....	Otto.....	Henry Baun.....	June 26	5,000
Knudson creek.....	Otto and others.....	Geo. Williams.....	June 26	5,000
Willinson creek.....	Ferry and Otto.....	Geo. Williams.....	June 26	3,000
<b>Ogemaw county:</b>				
Rifle river.....	Richland.....	Geo. Eymmer.....	July 7	7,000
Rifle river.....	Rose and others.....	Hon. A. S. Rose.....	July 7	8,000
<b>Ontonagon county:</b>				
Cascade river.....		G. A. Bergland.....	July 15	2,500
<b>Presque Isle county:</b>				
Drum lake.....	Bismark.....	F. L. Baird.....	July 7	15,000
<b>Schoolcraft county:</b>				
Hughes lake and inlet.....	Harrison.....	Abraham Hughes.....	July 14	4,500

*Rainbow Trout Plants, 1908.—Concluded.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Sanilac county: Black river tributaries.....	Lexington.....	C. J. Reynolds.....	July 7	7,500
St. Clair county: Belle river.....	Riley.....	Hon. Thos. McCall.....	July 7	4,500
Tuscola county: Sucker creek.....	Dayton.....	Arthur Haines.....	July 7	7,500
Fryer's creek.....	Dayton.....	E. D. Cartwright.....	July 7	1,500
Van Buren county: East branch Paw Paw river.....	Paw Paw and Antwerp.....	R. D. Loveland.....	June 15	3,000
North branch Big Dowagiac creek.....	Decatur and others.....	Fred Phillips.....	June 16	4,000
Washtenaw county: Huron river and Mill creek.....		L. D. Alley.....	June 16	5,000
Wayne county: Miller's creek.....	Plymouth.....	D. W. Packard.....	June 30	6,000
Total.....				1,070,500

*Rainbow Trout Fingerling Plants, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Allegan county: New Salem spring brook.....	Salem.....	Phillip Leonard.....	Oct. 15	1,000
Alger county: Inlets to Seven Mile lake.....	Burt.....	Chas. L. Hickok.....	Nov. 5	1,000
Calhoun county: Newman's brook.....		V. H. Bramble.....	Oct. 15	1,500
Clare county: Budd lake.....	Hayes and Harrison.....	Geo. J. Cummins.....	Oct. 8	1,000
Lake county: Pere Marquette river.....	Severall.....	Geo. M. Brown.....	Aug. 31	21,000
Pere Marquette river.....	Severall.....	Geo. M. Brown.....	Oct. 26	10,000
Muskegon county: Inlet to Big Blue lake.....	Blue Lake.....	Hon. Fred J. Russell.....	Oct. 23	1,500
Newaygo county: Post's creek.....	Ashland.....	Allen J. Titus.....	Oct. 15	1,000
Crockery creek.....	Grant.....	Allen J. Titus.....	Oct. 15	1,500
Pierson creek.....	Ashland.....	Allen J. Titus.....	Oct. 15	1,000
Oakland county: Long lake.....	Orion.....	W. A. Benjamin.....	Oct. 12	1,000
Oscoda county: Clear lake.....		Hon. A. S. Rose.....	Oct. 16	1,000
Shiawassee county: Maple river.....	Burns, Vernon & others.....	C. P. Bentley.....	Oct. 14	1,500
Hardy creek.....	Bennington.....	John F. Salisbury.....	Oct. 14	1,000
Wayne county: No name.....	Northville.....	W. W. Thayer.....	Sept. 7	2,000
Wexford county: Buttermilk creek.....	Greenwood.....	C. H. Tyler.....	Oct. 10	2,000
Total.....				49,000

*Steel-head Trout Plants, 1907.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Lake county: Pere Marquette river.....		N. W. Davis.....	Aug. 30	8,000
Mecosta county: Muskegon river.....	Green.....	Mich. Fish Com.....	Aug. 30	3,000
Total.....				11,000

## Lake Trout Plants, 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Allegheny county:</b>				
Selkirk lake.....	Wayland.....	S. M. Boyer.....	May 13	10,000
Boot lake.....	Wayland.....	Geo. N. Dean.....	May 13	10,000
<b>Antrim county:</b>				
Torch lake.....	Milton and Elk Rapids.....	Wm. Childs.....	May 6	30,000
Elk lake.....	Forest Home and others.....	F. S. Wilson.....	May 6	30,000
Grass lake.....		A. B. Wooton.....	May 6	20,000
<b>Baraga county:</b>				
Desautel lake.....	Spurr.....	Peter Trudell, Jr.....	June 11	15,000
Lake Ruth.....	Spurr.....	Peter Trudell, Jr.....	June 11	15,000
Trout lake.....	Spurr.....	Peter Trudell, Jr.....	June 11	15,000
Lake George.....	Spurr.....	Peter Trudell, Jr.....	June 11	15,000
<b>Barry county:</b>				
Barlow lake.....	Yankee Springs.....	J. D. Deitrich.....	May 11	10,000
Gun lake.....	Yankee Springs & Orangeville.....	R. J. Henderschott.....	May 11	10,000
<b>Benzie county:</b>				
Big Plate lake.....	Benzonia.....	Wm. A. Lear.....	April 29	20,000
Round lake.....	Benzonia.....	Wm. A. Lear.....	April 29	16,000
Little Plate lake.....	Benzonia.....	Wm. A. Lear.....	April 29	16,000
Hensher lake.....	Almira.....	Wm. F. McGowan.....	April 30	3,000
Otter lake.....	Plate.....	Fred Baltz.....	April 30	1,000
Crystal lake.....	Benjamin.....	David E. Burns.....	May 3	30,000
<b>Berrien county:</b>				
Hess lake.....	Watervliet.....	Frank Herring, Sr.....	May 16	10,000
Paw Paw lake.....		Carmody Brothers.....	May 16	20,000
<b>Branch county:</b>				
Laher lake.....	Sherwood.....	Wm. Hutelinson.....	May 11	10,000
Lime lake.....	Batavia.....	Milton McCarley.....	May 13	10,000
Carey lake.....	Bethel and Batavia.....	Milton McCarley.....	May 13	10,000
Coldwater lake.....	Ovid and Kinderhook.....	Tappan Shoe Mfg. Co.....	May 13	14,000
Morrison and North and South lakes.....	Coldwater.....	Tappan Shoe Mfg. Co.....	May 13	14,000
<b>Calhoun county:</b>				
Homer lake.....	Homer.....	W. R. Chambers.....	May 11	8,000
Brace lake.....	Marshall.....	I. U. Smalley.....	May 11	8,000
<b>Cass county:</b>				
Birch lake.....	Porter.....	C. A. King.....	May 11	10,000
Baldwin lake.....	Porter.....	L. Q. Hitchcock.....	May 13	10,000
<b>Charlevoix county:</b>				
South arm of Pine lake.....	South Arm.....	Clyde Hipp.....	May 6	20,000
Huffman lake.....	Hudson.....	D. M. Sly.....	May 8	20,000
Wallon lake.....	Melrose.....	Mich. Fish Com.....	June 6	100,000
<b>Clare county:</b>				
Budd lake.....	Hayes.....	E. F. Wilson.....	May 20	14,000
<b>Crawford county:</b>				
Portage lake.....	Portage.....	James J. Collen.....	May 8	20,000
Portage lake.....	Portage.....	H. Peterson.....	May 9	14,000
<b>Dickinson county:</b>				
Lake Antoine.....	Breitung.....	E. A. Croll.....	June 4	15,000
<b>Genesee county:</b>				
McCuslin lake.....	Argentine.....	Greeley Everitt.....	May 17	10,000
Byron lake.....	Fenton.....	Theo. Damaouis.....	May 17	10,000
<b>Goegbic county:</b>				
Whitefish lake.....	Watersmeet.....	A. D. Johnston.....	June 4	15,000
Clark lake.....	Watersmeet.....	A. D. Johnston.....	June 4	15,000
Duck lake.....	44-39.....	Pat Kelly.....	June 4	15,000
Thousand Island lake.....	Watersmeet.....	Marvin Hughitt, Jr.....	June 4	30,000
<b>Grand Traverse county:</b>				
Blue lake.....	Union.....	Kingsley Sportsmen's Club.....	April 24	10,000
Long lake.....	Union.....	Kingsley Sportsmen's Club.....	April 24	10,000
Black lake.....	Union.....	Kingsley Sportsmen's Club.....	April 24	10,000
Crooked lake.....	Union.....	Kingsley Sportsmen's Club.....	April 24	10,000
Rennie lake.....	Union.....	Kingsley Sportsmen's Club.....	April 24	20,000
Hogsback lake.....	Paradise.....	Kingsley Sportsmen's Club.....	April 24	10,000

## Lake Trout Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Grand Traverse county.—Continued.</b>				
Spider lake.....	Union.....	R. B. De France.....	April 24	10,000
Round lake.....	Union.....	R. B. De France.....	April 24	10,000
Green lake.....	Green Lake.....	H. H. Olds.....	May 6	20,000
<b>Hillsdale county:</b>				
Cub lake.....	Woodbridge & Cambria.....	Wm. F. Savage.....	May 11	10,000
<b>Houghton county:</b>				
Nisula pond.....	Laird.....	August Nisula.....	June 7	15,000
Bob lake.....	Laird.....	Fred Nelson.....	June 7	15,000
Lake Rowland.....	Elm river.....	Wm. Brimacombe.....	June 7	15,000
Lake Gerald.....	Elm river.....	Carlos D. Sheldon.....	June 7	15,000
Twelve Mile lake.....	Elm river.....	W. F. Parnell.....	June 7	15,000
Long lake.....	Elm river.....	E. H. Wright.....	June 7	15,000
Klatt's lake.....	Winona.....	E. H. Wright.....	June 7	15,000
Twin lakes.....	Union and Elm.....	Geo. Williams.....	June 7	24,000
Otter lake.....	Chassel.....	Geo. Williams.....	June 7	30,000
Lake Eva.....	Stanton.....	Geo. Williams.....	June 7	15,000
<b>Ionia county:</b>				
Woodward lake.....	Ronald.....	H. Bowerson.....	April 25	10,000
Hess lake.....	Campbell.....	E. A. Rising.....	May 18	2,000
<b>Iron county:</b>				
Fortune lake.....	Crystal Falls.....	Rev. W. Poyscor.....	June 4	15,000
Holmes lake.....	Crystal Falls.....	Arvid Bjork.....	June 4	15,000
Mahoney lake.....	Stambaugh.....	F. G. Hood & Co.....	June 4	15,000
Bars lake.....	Mastodon.....	F. G. Hood & Co.....	June 4	15,000
Chicago lake.....	Stambaugh.....	F. G. Hood & Co.....	June 4	15,000
Sunset lake.....	Bates.....	I. W. Byers.....	June 4	15,000
<b>Isabella county:</b>				
Hall's lake.....	Bloomfield.....	J. M. Swisher.....	April 26	6,000
Eldred lake.....	Bloomfield.....	J. M. Swisher.....	April 26	6,000
Coldwater lake.....	Notkawa.....	Robert Hyslop.....	April 26	10,000
Littlefield lake.....	Gilmore.....	H. E. Bearse.....	May 20	14,000
<b>Jackson county:</b>				
Lord's lake.....	Tompkins.....	Hazen Abbey.....	May 11	6,000
Swain's lake.....	Pulaski.....	Frank W. McKenzie.....	May 11	10,000
Bessy lake.....	Norvell.....	H. H. Raby.....	May 11	6,000
Stoney lake.....	Napoleon.....	E. L. Griffin.....	May 11	8,000
Big Portage lake.....	Waterloo & Henrietta.....	Geo. E. Beebe.....	May 11	14,000
Spring Arbor.....	Concord.....	Geo. E. Beebe.....	May 11	10,000
Brill's lake.....	Leoni.....	Geo. E. Beebe.....	May 11	10,000
Gillett's lake.....	Leoni.....	Geo. E. Beebe.....	May 11	10,000
Vandercreek's lake.....	Summit.....	Geo. E. Beebe.....	May 11	8,000
Brown's lake.....	Summit.....	Geo. E. Beebe.....	May 11	8,000
Ackerson lake.....	Napoleon.....	Geo. E. Beebe.....	May 11	8,000
Grass lake.....	Grass Lake.....	Geo. E. Beebe.....	May 11	8,000
Cranberry lake.....	Napoleon.....	Geo. E. Beebe.....	May 11	8,000
Wolf lake.....	Napoleon & Grass Lake.....	Geo. E. Beebe.....	May 11	14,000
Portage lake.....	Waterloo and Henrietta.....	Geo. E. Beebe.....	May 11	14,000
<b>Kalamazoo county:</b>				
Fickler lake.....	Pavilion.....	White Bros. & Co.....	May 11	16,000
Pretty lake.....	Texas.....	Geo. A. Coykendall.....	May 13	8,000
Big Gourdneck lake.....	Schoolcraft & Portage.....	E. E. Barhite.....	May 13	10,000
<b>Kalkaska county:</b>				
Round lake.....	Whitewater and others.....	O. J. Smith.....	May 6	20,000
<b>Kent county:</b>				
Big Wabasis lake.....	Oakfield.....	W. S. Lambertson.....	April 25	14,000
Clear lake.....	Solon.....	Ed. W. Wheeler.....	April 25	6,000
Spring lake.....	Solon.....	Ed. W. Wheeler.....	April 25	6,000
Camp lake.....	Algoma.....	A. P. Irish.....	May 6	10,000
Scram lake.....	Oakfield.....	Freeman Addis.....	May 20	6,000
Round lake.....	Oakfield.....	Freeman Addis.....	May 20	6,000
<b>Leelanau county:</b>				
Glen lake.....	Glen Arbor and others.....	D. H. Day.....	April 30	30,000
Carp lake.....	Solon.....	F. Numemaker.....	May 3	30,000
Glen lake.....	Empire and Glen Arbor.....	E. T. Dailey.....	May 18	30,000

## Lake Trout Plants, 1907.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Lenawee county:</b>				
Wolf lake.....	Cambridge.....	E. D. Kerr.....	May 13	8,000
Allen's lake.....	Cambridge.....	E. D. Kerr.....	May 13	6,000
<b>Livingston county:</b>				
Mont lake.....	Brighton.....	B. T. O. Clark.....	April 27	10,000
Winegar, Crooked or Sule lake.....	Geneva.....	A. Sharp & Son.....	April 27	10,000
Coon lake.....	Marion.....	A. Sharp & Son.....	April 27	10,000
Whitmore lake.....	Marion.....	Malvin J. Lewis.....	April 30	10,000
Lamb lake.....	Deerfield.....	Peter Lamb.....	May 17	10,000
<b>Manistee county:</b>				
Bear lake.....	Bear Lake & Pleasanton.....	A. J. L. Keddie.....	May 3	20,000
<b>Marquette county:</b>				
Perch lake.....	Republic.....	C. W. Munson.....	June 11	15,000
Skinner's lake.....	Republic.....	C. W. Munson.....	June 11	15,000
Sineson lake.....	Republic.....	Emil Wolstrom.....	June 11	15,000
Goose lake.....	Republic.....	Emil Wolstrom.....	June 11	15,000
Sec. 24, T. 45, R. 30.....	Republic.....	Emil Wolstrom.....	June 11	15,000
Three lakes.....	Republic.....	Chas. E. Haggerson.....	June 11	15,000
St. Johns lake.....	Republic.....	B. Bengtson.....	June 11	15,000
Miebigamie lake.....	Marquette.....	C. P. Sundstrom.....	June 11	30,000
Four lakes—Dewey, Charboneau, Island and Johnston lakes.....	Tilden and Republic.....	Geo. A. Newett.....	June 11	30,000
Small lake.....	Ishpeming.....	Wilhelm Tellefson.....	June 11	15,000
<b>Mecosta county:</b>				
Chippewa lake.....	Chippewa.....	C. L. Grant.....	April 26	14,000
Pine lake.....	Wheatland.....	J. M. Swisher.....	April 26	6,000
Gingrich lake.....	Wheatland.....	P. J. Theisen.....	April 26	6,000
Clear lake.....	Colfax.....	Mich. Fish Com.....	June 5	15,000
<b>Montcalm county:</b>				
Cedar lake.....	Montcalm.....	Ed. Vogel.....	April 25	6,000
Whitefish lake.....	Pierson.....	Wm. Aldrich Tateum.....	April 25	20,000
Bass lake.....	Pierson.....	Martin H. Holcomb.....	April 25	8,000
Crystal Falls.....	Crystal.....	C. W. La Du.....	May 20	10,000
<b>Muskegon county:</b>				
Half Moon lake.....	Casnovia.....	Arthur Thomas.....	May 18	10,000
White lake.....	White river and others.....	White Lake Yacht Club.....	May 18	30,000
<b>Oakland county:</b>				
Watkins lake.....	Waterford.....	E. H. Stowell.....	May 17	20,000
<b>Ogemaw county:</b>				
Clear lake.....	Beaver Lake.....	Albert L. Brown.....	May 8	20,000
Horseshoe lake.....	Beaver Lake.....	Albert L. Brown.....	May 8	14,000
Clear lake.....	Clear Lake.....	John Tolfree.....	May 8	14,000
Peach lake.....	West Branch.....	John Tolfree.....	May 8	14,000
<b>Ontonagon county:</b>				
Lake Gogebic.....		Alex. Martin.....	June 11	60,000
<b>St. Joseph county:</b>				
Fisher's lake.....	Park and Lockport.....	Wm. Brokaw.....	May 13	10,000
<b>Van Buren county:</b>				
Lake George.....	Lawrence.....	Carlton Vanderveer.....	May 16	8,000
<b>Washtenaw county:</b>				
Whitmore lake.....	Northfield.....	C. A. Pray.....	April 30	14,000
Pleasant lake.....	Freedom.....	David W. Schneider.....	May 11	10,000
Little Portage lake.....	Dexter.....	Hon. H. W. Newkirk.....	May 11	16,000
Big Portage lake and several small lakes connected.....	Dexter.....	R. H. Killian.....	May 11	10,000
<b>Total.....</b>				<b>2,067,000</b>

## Lake Trout Fingerling Plants, 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Charlevoix county:</b>				
Walloon lake.....	Melrose.....	J. Mizer.....	Aug. 31	5,000
<b>Leelanau county:</b>				
Glen lake.....		E. R. Dailey.....	Aug. 21	10,000
<b>Total.....</b>				<b>15,000</b>

## Lake Trout Plants, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Antrim county:</b>				
Grass lake.....	Forest Home and others.....	A. B. Wooton.....	April 30	20,000
Toreh lake.....		Wm. Childs.....	April 30	40,000
<b>Baraga county:</b>				
Lake George.....	Spurr.....	Peter Trudell, Jr.....	June 1	15,000
Lake Ruth.....	Spurr.....	Peter Trudell, Jr.....	June 1	15,000
Trout lake.....	Spurr.....	Peter Trudell, Jr.....	June 1	15,000
Beaumont lake.....	Spurr.....	Peter Trudell, Jr.....	June 1	15,000
<b>Barry county:</b>				
Fair lake.....	Barry.....	Dewitt Collister.....	May 5	8,000
<b>Benzie county:</b>				
Lake Ann.....	Almira.....	M. L. Lake.....	May 2	12,000
Valleau lake.....	Almira.....	M. L. Lake.....	May 2	8,000
Woodback Twin lakes.....	Almira.....	G. T. Decker.....	May 2	10,000
Heather lake.....	Almira.....	Wm. E. C. McCowan.....	May 11	3,000
<b>Berrien county:</b>				
Hess lake.....	Lake.....	Frank Herring.....	April 23	4,500
<b>Branch county:</b>				
Kenyon lake.....	Sherwood.....	Leo. E. Wood.....	June 16	4,000
Messenger pond.....	Coldwater.....	F. T. Tappan.....	June 24	5,000
<b>Calhoun county:</b>				
Nottawassee lake.....	Fredonia and Tekonsha.....	E. L. Holmes.....	April 23	6,000
Goguae lake.....		Geo. Williams.....	April 23	6,000
<b>Cass county:</b>				
Birch lake.....	Porter.....	H. H. Roth.....	May 5	10,000
<b>Calhoun county:</b>				
Mullett lake.....		Mich. Fish Com.....	May 2	65,000
<b>Clinton county:</b>				
Alward lake.....	Olive.....	Arthur St. Clair.....	April 25	4,500
<b>Delta county:</b>				
Round lake.....	Masonville.....	W. R. Callaway.....	May 26	15,000
Mass lake.....	Nahma.....	W. R. Callaway.....	May 26	15,000
<b>Gogebic county:</b>				
Thousand Island lake.....	Watersmeet.....	Marvin Hughitt, Jr.....	May 29	9,000
Clark lake.....	Watersmeet.....	A. D. Johnson.....	May 29	9,000
Whitefish lake.....	Watersmeet.....	A. D. Johnson.....	May 29	9,000
Beaton's or Blemer's lake.....	Watersmeet.....	C. M. McDonald.....	May 29	9,000
Duck lake.....	44-39.....	Pat Kelly.....	May 29	9,000



## Lake Trout Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Grand Traverse county:</b>				
Spider lake.....	Union.....	R. B. De France.....	May 11	6,000
Round lake.....	Union.....	R. B. De France.....	May 11	6,000
Rennis lake.....	Union.....	Kingsley Sportsmen's Club	May 11	8,000
Crooked lake.....	Union.....	Kingsley Sportsmen's Club	May 11	6,000
Black lake.....	Union.....	Kingsley Sportsmen's Club	May 11	6,000
Long lake.....	Union.....	Kingsley Sportsmen's Club	May 11	6,000
Blue lake.....	Union.....	Kingsley Sportsmen's Club	May 11	6,000
Hogsback lake.....	Paradise.....	Kingsley Sportsmen's Club	May 11	6,000
<b>Hillsdale county:</b>				
Cub lake.....	Woodbridge and Cambria.	Wm. F. Savage.....	April 24	4,500
<b>Houghton county:</b>				
Nisula pond.....	Laird.....	August Nisula.....	June 1	15,000
Lake Rowland.....	.....	Wm. Brimacombe.....	June 1	15,000
Klatt's lake.....	Winona.....	E. H. Wright.....	June 1	15,000
Long lake.....	Elm river.....	E. H. Wright.....	June 1	15,000
Twelve Mile lake.....	Adams.....	W. E. Parnell.....	June 1	15,000
Lake Gerald.....	Elm River.....	Carlos D. Sheldon.....	June 1	15,000
Otter lake.....	Chuscell.....	Geo. Williams.....	June 1	15,000
Twin lake.....	Union and Elm.....	Geo. Williams.....	June 1	15,000
Lake Eva.....	Stanton.....	Geo. Williams.....	June 1	15,000
<b>Iosco county:</b>				
Long lake.....	Plainfield.....	M. N. Crary.....	May 8	16,000
<b>Iron county:</b>				
Sunset lake.....	Bates.....	I. W. Byers.....	May 29	9,000
Chenagon lake.....	Stambaugh.....	F. G. Hood & Co.....	May 29	9,000
Mahoney lake.....	Stambaugh.....	F. G. Hood & Co.....	May 29	9,000
Bass lake.....	Mastodon.....	F. G. Hood & Co.....	May 29	9,000
Holmes lake.....	Crystal Falls.....	Arvid Bjork.....	May 29	9,000
Fortune lake.....	Crystal Falls.....	Rev. W. Poysseur.....	May 29	9,000
<b>Jackson county:</b>				
Ackerson lake.....	Napoleon.....	Geo. E. Beebe.....	April 24	4,500
Wolf lake.....	Napoleon.....	Geo. E. Beebe.....	April 24	6,000
Spring Arbor lake.....	Spring Arbor.....	Geo. E. Beebe.....	April 24	4,500
Brill's lake.....	Leoni.....	Geo. E. Beebe.....	April 24	4,500
Gillett's lake.....	Leoni.....	Geo. E. Beebe.....	April 24	4,500
Big Portage lake.....	Leoni and Waterloo.....	Geo. E. Beebe.....	April 24	6,000
<b>Kalamazoo county:</b>				
Howard lake.....	Schoolcraft.....	Perry W. Ballinger.....	May 5	6,000
Rawson's lake.....	Schoolcraft.....	Chas. Maile.....	May 5	8,000
<b>Kent county:</b>				
Clear lake.....	Solon.....	Ed. W. Wheeler.....	April 30	10,000
Spring lake.....	Solon.....	Ed. W. Wheeler.....	April 30	10,000
Scram and Round lake.....	Oakfield.....	Freeman Addis.....	May 1	10,000
Round lake.....	Oakfield.....	Freeman Addis.....	May 1	10,000
<b>Leelanau county:</b>				
Glen lake.....	Glen Arbor.....	D. H. Day.....	May 2	20,000
<b>Livingston county:</b>				
Indian lake or lakes.....	Deerfield.....	Chas. E. Nichols.....	April 22	6,000
<b>Mackinaw county:</b>				
Pike lake.....	Newton.....	W. R. Callaway.....	May 26	30,000
Milokoka lake.....	Garfield.....	W. R. Callaway.....	May 26	15,000
<b>Marquette county:</b>				
Me lake.....	Forsythe.....	A. C. Seass.....	June 1	15,000
Little lake.....	Forsythe.....	A. C. Seass.....	June 1	15,000
Bass lake.....	Forsythe.....	A. C. Seass.....	June 1	15,000
Four lakes—Dewey, Charboneau, Island and Johnson lakes.....	Tilden and Republic.....	Geo. A. Newett.....	June 1	15,000
No name.....	Ishpeming.....	Wilhelm Tellefon.....	June 1	15,000
Goose lake.....	Republic.....	Emil Wohlstrom.....	June 1	15,000
Sec. 24, T. 45, R. 30.....	Republic.....	Emil Wohlstrom.....	June 1	15,000
Sineson lake.....	Republic.....	Emil Wohlstrom.....	June 1	15,000
Three lakes.....	Republic.....	C. E. Haggerson.....	June 1	15,000
St. John's lake.....	Republic.....	B. Bengston.....	June 1	15,000
Skinner's lake.....	Republic.....	C. W. Munson.....	June 1	15,000
Perch lake.....	Republic.....	C. W. Munson.....	June 1	15,000
Michigamme lake.....	Marquette.....	C. F. Sundstrom.....	June 1	15,000

## Lake Trout Plants, 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Mecosta county:</b>				
Gingrich lake.....	Whentland.....	P. J. Theisen.....	April 28	12,000
Wolf lake.....	Eggleston.....	E. D. Magoon.....	May 1	20,000
Chippewa lake.....	Chippewa.....	C. L. Grant.....	May 2	12,000
<b>Montcalm county:</b>				
Crystal Falls.....	Crystal.....	C. W. La Du.....	June 30	8,000
<b>Oakland county:</b>				
Pine lake.....	West Bloomfield.....	Mark Harger.....	April 22	4,500
<b>Ontonagon county:</b>				
Lake Gogebic.....	.....	Alex Martin.....	June 1	15,000
<b>St. Joseph county:</b>				
Portage lake.....	Mendon.....	J. L. Potter.....	April 25	6,000
Stewart lake.....	Burr Oak.....	H. C. Kaas.....	June 24	5,000
Long lake.....	Colon.....	C. A. Boyer.....	June 24	6,000
<b>Van Buren county:</b>				
Lake George.....	Lawrence.....	Carlton Vanderveer.....	June 15	3,000
Lake Cora.....	Paw Paw.....	Clarence E. Fox.....	June 15	3,000
<b>Washtenaw county:</b>				
Little Portage lake.....	Dexter.....	Hon. H. W. Newkirk.....	April 23	7,500
Iron lake.....	Manchester.....	Anson J. Gall.....	April 24	4,500
Total.....				1,057,000
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## Wall-eyed Pike Plants, 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Alcona county:</b>				
Mud lake.....	Millen.....	Ira Curler.....	June 1	125,000
Hubbard lake.....	28 N., 7 and 8 E.....	W. S. Linton.....	June 1	375,000
Crooked lake.....	Mitchell.....	John A. Platte.....	June 3	175,000
<b>Allegan county:</b>				
Round lake.....	Valley and Clyde.....	Anthony Cook.....	May 23	150,000
Crooked lake.....	Clyde.....	A. Hutchinson.....	May 23	150,000
Scott lake.....	Lee.....	S. E. Phillips.....	May 23	150,000
Osterhout lake.....	Lee.....	Chas. A. Witter.....	May 23	150,000
Kalamazoo Valley.....	Trowbridge.....	E. T. Messinger.....	May 25	90,000
Dumont lake.....	Allegan.....	H. C. Bohlander.....	May 25	90,000
<b>Alger county:</b>				
Doe lake.....	Munising.....	Will F. Cox.....	June 6	60,000
Cook's lake.....	Trenary.....	W. R. Callaway.....	June 6	250,000
<b>Alpena county:</b>				
Beaver lake.....	Ossineke.....	Fred Ward.....	June 3	250,000
<b>Antrim county:</b>				
Elm lake.....	Elk Rapids.....	F. S. Wilson.....	May 21	150,000
Bass lake.....	Elk Rapids.....	Dr. J. G. Gauntlett.....	May 21	150,000
Wilson lake.....	Banks.....	Wm. F. Roberts.....	May 21	150,000
Saterlee lake.....	Chestonia.....	R. C. Bennett.....	June 14	75,000
<b>Baraga county:</b>				
Deer lake.....	Spurr.....	E. W. MacPherran.....	June 7	60,000
Crooked lake.....	Spurr.....	E. W. MacPherran.....	June 7	60,000
Lake No. 2 or Lake George.....	T. 48, R. 31.....	E. W. MacPherran.....	June 7	60,000
Lake No. 1 of Three Lakes or Lake Ruth.....	T. 48, R. 31.....	E. W. MacPherran.....	June 7	60,000
Spruce lake.....	T. 49, R. 32, Sec. 26 & 27.....	E. W. MacPherran.....	June 7	60,000
Lake Agassiz.....	T. 49, R. 32, Sec. 17 & 20.....	E. W. MacPherran.....	June 7	60,000
<b>Barry county:</b>				
Long lake.....	Hope.....	John Acker.....	May 25	120,000
Pleasant lake.....	Barry.....	Frank Norwood.....	May 25	120,000
Crooked lake.....	Barry and Prairieville.....	A. Pennock.....	May 25	150,000
Willkerson lake.....	Hope.....	M. C. Hall.....	May 25	120,000
Weyley lake.....	Orangeville.....	Dayton Stanley.....	May 25	150,000
Pain lake.....	Yankee Springs.....	S. S. Sias.....	June 14	125,000
Hog lake.....	Yankee Springs.....	S. S. Sias.....	June 14	100,000
Thornapple lake.....	Castleton.....	L. E. Cole.....	June 14	100,000
Gun lake.....	Orangeville and Yankee Springs.....	R. I. Hendershott.....	June 14	150,000
<b>Benzie county:</b>				
Bellos lake.....	Almira and Long lake.....	S. S. Burnett.....	May 23	120,000
Big Platte lake.....	Benzonia.....	William A. Lear.....	June 14	125,000
Little Platte lake.....	Benzonia.....	William A. Lear.....	June 14	125,000
Round lake.....	Benzonia.....	William A. Lear.....	June 14	125,000
Bass lake.....	Lake.....	Fred Baltz.....	June 15	125,000
Otter lake.....	Lake.....	Wm. M. Carter.....	June 15	125,000
Platte river.....	Lake.....	E. R. Dalley.....	June 15	150,000
<b>Berrien county:</b>				
St. Joseph river.....		Wm. Miller.....	May 23	150,000
<b>Branch county:</b>				
Kenyon lake.....	Sherwood.....	D. Waterman.....	May 27	200,000
Lakes lake.....	Sherwood.....	Fred A. Bower.....	May 27	200,000
Lower lake.....	Sherwood.....	John Q. Palmer.....	May 27	200,000
Coldwater.....	Ovid and Kinderhook.....	Tappan Shoe Mfg. Co.....	May 28	300,000
<b>Calhoun county:</b>				
Homer lake.....	Homer.....	L. H. Champion.....	May 27	175,000
Brace lake.....	Dekford.....	E. L. Holmes.....	May 29	250,000
Kalamazoo river.....	Marshall and Marengo.....	E. L. Holmes.....	May 29	250,000
Lyon lake.....	Fredonia.....	Chas. O. Miller.....	May 29	200,000
Marshall Mill pond.....	Marshall and Marengo.....	Geo. A. Johnson.....	May 29	250,000
Ceresco pond.....	Marshall.....	Henry Lehmann.....	May 29	250,000
<b>Cass county:</b>				
Baldwin lake.....	Porter.....	L. Q. Hitchcock.....	May 25	120,000
Diamond lake.....	La Grange and others.....	B. L. Rudd.....	May 27	250,000
Magician lake.....	Silver Lake & Van Buren.....	Fred Phillips.....	May 29	250,000
Indian lake.....	Silver Creek.....	Fred Phillips.....	May 29	250,000

## Wall-eyed Pike Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Charlevoix county:</b>				
Thumb lake.....	Hudson.....	James A. Waggoner.....	June 1	250,000
Huffman's lake.....	Hudson.....	Ed. Cortright.....	June 1	125,000
South Arm of Pine lake.....	South Arm.....	W. A. Loveday.....	May 21	240,000
<b>Cheboygan county:</b>				
Mullet lake.....	Grant, Inverness and Koehler.....	Wm. E. Shoemaker.....	June 1	500,000
Black lake.....		J. M. Clark.....	June 3	250,000
<b>Chippewa county:</b>				
Trout lake.....	Trout Lake.....	W. R. Callaway.....	June 6	250,000
<b>Clare county:</b>				
Lille lake.....	Arthur.....	A. M. Malone.....	May 26	125,000
Lily lake.....	Greenwood.....	Wesley Boulton.....	May 29	200,000
Arnold lake.....	Hayes and Prost.....	Ellis Hughes.....	May 29	150,000
<b>Delta county:</b>				
Moss lake.....	Bay De Noque.....	W. R. Callaway.....	June 6	250,000
<b>Dickinson county:</b>				
Long lake.....	Sagola.....	Fred Sage.....	June 4	150,000
Sawyer lake.....	Sagola.....	R. E. Boll.....	June 4	90,000
<b>Eaton county:</b>				
Grand river.....	Oneida.....	Fred L. Berry.....	June 4	250,000
<b>Emmet county:</b>				
Crooked river.....	Littlefield & Maple River.....	W. W. Fairbairn.....	June 14	150,000
Carp lake.....	Carp Lake and Hebron.....	O. C. Cope.....	June 14	225,000
<b>Genesee county:</b>				
Byron lake.....	Fenton.....	Theo. J. Dumanois.....	May 28	150,000
Loon lake.....	Fenton.....	Robert Bradley.....	May 28	150,000
Davis lake.....	Fenton.....	Ira E. Carter.....	May 28	150,000
<b>Gozebic county:</b>				
Cisco lake.....	Watersmeet.....	Marvin Hughitt, Jr.....	June 4	150,000
Preque Isle river.....	Marenisco.....	Will Sircho.....	June 4	90,000
Whitefish lake.....	Watersmeet.....	A. D. Johnston.....	June 4	60,000
Ciscoe lake.....	Watersmeet.....	A. D. Johnston.....	June 4	90,000
Sucker lake.....	45-39.....	James Morrison.....	June 4	90,000
Lake Marian.....	45-39.....	Ike Fenoyer.....	June 4	90,000
Bass lake.....	44-39.....	John A. Pratt.....	June 4	90,000
Beaver station.....	44-39.....	A. C. Brownell.....	June 4	240,000
Tamarack lake.....	Watersmeet.....	J. R. Moore.....	June 4	150,000
Taylor lake.....	Watersmeet.....	J. R. Moore.....	June 4	90,000
Lake Gozebic.....	Matchwood and Marenisco.....	G. A. Bergland.....	June 7	150,000
<b>Grand Traverse county:</b>				
Island lake.....	Whitewater.....	W. B. Herald.....	May 21	150,000
Boardman lake.....	Traverse city.....	H. D. Allen.....	May 21	120,000
Silver lake.....	Garfield and Blair.....	H. D. Allen.....	May 21	150,000
Spider lake.....	East Bay.....	H. D. Allen.....	May 21	120,000
Crooked lake.....	East Bay.....	H. D. Allen.....	May 21	150,000
Long lake.....	Long and Green Lake.....	H. D. Allen.....	May 21	150,000
Duck lake.....	Green Lake.....	G. A. Bergland.....	May 21	150,000
Green lake.....	Green Lake.....	H. H. Olds.....	May 21	180,000
Long lake.....	Long Lake.....	Mrs. Warren Neal.....	May 23	180,000
Hogsback or Round lake.....	East Bay.....	J. F. Gibbs.....	June 14	100,000
Little Mud lake.....	East Bay.....	J. F. Gibbs.....	June 14	75,000
<b>Gratiot county:</b>				
Pine river.....	Sumner.....	F. J. Graham, M. D.....	May 24	180,000
<b>Hillsdale county:</b>				
Cub lake.....	Woodbridge.....	Wm. F. Savage.....	May 28	200,000
Chain of three lakes.....		Harry Lombard.....	May 28	150,000
<b>Houghton county:</b>				
Twin lakes.....	Elm River.....	F. W. Kroll.....	June 7	60,000
Clear lake.....	Duncan.....	H. C. Hager.....	June 7	60,000
Webber's lake.....	Stanton.....	Geo. Williams.....	June 7	120,000
Clear lake.....	Winona.....	Geo. Williams.....	June 7	120,000
Otter lake.....	Portage.....	J. Abner Sherman.....	June 7	60,000

## Wall-eyed Pike Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Houghton county.—Continued.</b>				
Rice lake.....	Torch Lake	Hubbell Rod & Gun Club.	June 7	120,000
Mud lake.....	Torch Lake	Hubbell Rod & Gun Club.	June 7	120,000
Nisula pond.....	Laird.	August Nisula.	June 7	60,000
<b>Ingham county:</b>				
Sycamore river.....	Vevay.....	H. O. Cline.....	May 29	250,000
Mud lake.....	Delli.....	John H. Ahrens.....	May 29	125,000
Sycamore river.....	Lansing.....	C. W. Cline.....	June 4	250,000
Pratt's dam or Grand river.....	Lansing and Delta.....	W. L. Brush.....	June 4	250,000
Cedar river.....	Lansing.....	Wm. L. Brush.....	June 4	250,000
<b>Ionia county:</b>				
Jordan lake.....	Woodland and Odessa.....	Fay Diamond.....	May 25	120,000
Morrison lake.....	Campbell and Boston.....	E. A. Rising.....	May 25	90,000
Pedler lake.....	Campbell.....	E. A. Rising.....	May 25	90,000
<b>Iosco county:</b>				
Indian lake.....	Plainfield.....	C. W. Luce.....	June 1	500,000
<b>Iron county:</b>				
Fortune lakes.....	Crystal Falls.....	W. Poyscor.....	June 4	60,000
Chienong lakes.....	Stambaugh.....	F. G. Hood & Co.....	June 4	90,000
Bass lake.....	Mastodon.....	F. G. Hood & Co.....	June 4	90,000
Mahoney lake.....	Stambaugh.....	F. G. Hood & Co.....	June 4	90,000
Maggie lake.....	Mastodon.....	F. G. Hood & Co.....	June 4	90,000
<b>Isabella county:</b>				
Coldwater lake.....	Notkawa.....	Robert Hyslop.....	May 24	180,000
Scott lake.....	Notkawa.....	Robert Hyslop.....	May 24	120,000
Demoth lake.....	Rolland.....	H. L. Denmore.....	May 24	90,000
Guy lake.....	Rolland.....	H. L. Denmore.....	May 24	90,000
Norton lake.....	Lincoln.....	Geo. J. Poole.....	May 26	125,000
<b>Jackson county:</b>				
Bessy lake.....	Norvell.....	H. H. Raby.....	May 28	125,000
Stony lake.....	Napoleon.....	Merrell E. Russell.....	May 28	250,000
Gillett's lake.....	Leoni.....	G. H. St. John.....	May 28	200,000
Markle lake.....	Waterloo.....	John Schumacher.....	May 29	200,000
<b>Kalamazoo county:</b>				
Fretty lake.....	Texas.....	Geo. A. Coykendall.....	May 29	125,000
Sherman's lake.....	Allen M. Giddings.....	May 29	200,000	
Hoghead lake.....	Portage.....	Chas. Weaver.....	May 29	200,000
Gourdneck lake.....	Portage.....	Chas. Weaver.....	May 29	200,000
Pickereel lake.....	Pavillion.....	White Bros. & Co.....	June 14	125,000
Mud lake.....	Pavillion.....	White Bros. & Co.....	June 14	125,000
West lake.....	Portage.....	Chas. G. Ames.....	June 14	151,000
<b>Kalkaska county:</b>				
Round lake.....	Clearwater and others.....	Thos. Pray.....	May 21	180,000
Torch lake.....	Clearwater and others.....	J. C. Gray.....	May 21	240,000
<b>Kent county:</b>				
Chapin lake.....	Grattan.....	W. P. Hetherington.....	May 24	180,000
Muskat lake.....	Grattan.....	Dr. J. F. Pinkham.....	May 24	120,000
Emmons lake.....	Grattan.....	Dr. J. F. Pinkham.....	May 24	180,000
Grand river.....	Plainfield.....	Mich. Fish Com.....	May 31	375,000
<b>Lapeer county:</b>				
Hall's lake.....	Lapeer.....	E. J. Thrasher.....	May 31	250,000
<b>Leelanau county:</b>				
Cedar lake.....	Einwood.....	H. D. Allen.....	May 21	120,000
Carp lake.....	Leeland and others.....	H. D. Allen.....	May 21	240,000
<b>Lenawee county:</b>				
Shad lake.....	Franklin.....	Christopher Gates.....	May 28	250,000
Allen's lake.....	Cambridge.....	E. D. Kerr.....	May 28	125,000
Wolf lake.....	Cambridge.....	E. D. Kerr.....	May 28	125,000
Addison mill pond.....	Woodstock.....	C. A. Sweeney.....	May 28	200,000
Devil's lake.....	Rollin and Woodstock.....	W. J. Hampton & Sons.....	June 15	250,000
<b>Livingston county:</b>				
Zukey lake.....	Hamburg.....	Theo. Prochnow.....	May 25	150,000
Lamb lake.....	Deerfield.....	Peter Lamb.....	May 28	150,000
Long lake.....	Hartland.....	M. C. Williams.....	May 29	200,000

## Wall-eyed Pike Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Livingston county.—Continued.</b>				
Green lake.....	Hartland.....	J. N. Weaver.....	May 29	125,000
Silver lake.....	Hamburg.....	M. J. Bennett & T. J. Rice.....	May 29	200,000
Island lake.....	Hamburg.....	G. F. Allmendinger.....	May 29	200,000
Ore lake.....	Hamburg & Green Oak.....	C. E. Cushing.....	June 4	125,000
Briggs lake.....	Green Oak.....	B. T. O. Clark.....	June 4	125,000
Island lake.....	Green Oak.....	B. T. O. Clark.....	June 4	125,000
Appleton lake.....	Hamburg.....	B. T. O. Clark.....	June 4	125,000
Fonda lake.....	Brighton & Green Oak.....	B. T. O. Clark.....	June 4	125,000
Coon lake.....	Marion.....	A. Sharp & Sons.....	June 4	150,000
Earl's lake.....	Osceola.....	Amasa Lampman.....	June 4	150,000
<b>Mackinac county:</b>				
Millequinus lake.....	Garfield.....	W. R. Collaway.....	June 6	250,000
Little Manistique.....	Portage.....	Dent Hurd.....	June 6	60,000
Manistique lake.....	Portage.....	Dent Hurd.....	June 6	60,000
<b>Manistee county:</b>				
Bear lake.....	Bear Lake & Pleasanton.....	L. D. Shirtliff.....	May 23	240,000
Lake Emma.....	Bear Lake.....	U. S. Shiria.....	May 23	180,000
<b>Marquette county:</b>				
Nester's lake.....	Republic.....	Emil Wohlstrom.....	June 7	60,000
Section 24, T. 45, R. 30.....	Republic.....	Emil Wohlstrom.....	June 7	60,000
St. John lake.....	Republic.....	Emil Wohlstrom.....	June 7	60,000
Granite lake.....	Republic.....	D. T. Morgan.....	June 7	60,000
Allen's lake.....	Humboldt.....	D. T. Morgan.....	June 7	60,000
Perch lake.....	Republic.....	H. R. Gamble.....	June 7	60,000
Northwestern lake.....	Michigan.....	Peter Dolf.....	June 7	60,000
Pickereel lake.....	Marquette.....	E. W. MacPherran.....	June 7	240,000
Lake Michigan.....	Michigan.....	E. W. MacPherran.....	June 7	240,000
Simson's lake.....	Republic.....	B. Bengtson.....	June 7	60,000
Tibbet's lake.....	Republic.....	C. W. Munson.....	June 7	60,000
No name Sec. 27.....	Republic.....	Wilhelm Tellefsen.....	June 7	60,000
Strawberry lake.....	Sands.....	B. J. Goodnan.....	June 7	60,000
Pickereel lake.....	Chocotay.....	Max N. Sterne.....	June 7	60,000
Lake Independence.....	Fowell.....	H. A. St. John.....	June 7	60,000
<b>Mason county:</b>				
Long lake.....	Branch.....	W. B. Randall.....	May 31	200,000
Emerson lake.....	Branch.....	N. G. Sayles.....	May 31	200,000
Crystal lake.....	Amber.....	N. G. Sayles.....	May 31	200,000
Lost lake.....	Eden.....	N. G. Sayles.....	May 31	200,000
Round lake.....	Sheridan.....	Ernest Jaser.....	May 31	350,000
Tallman lake.....	Branch.....	Ernest Jaser.....	May 31	350,000
Lincoln lake.....	Pere Marquette.....	M. Livy Agens.....	May 31	50,000
Hamlin or Sable lake.....	Hamlin.....	M. Livy Agens.....	May 31	500,000
Bass lake.....	Summit.....	Geo. McKee.....	May 25	90,000
<b>Mecosta county:</b>				
School Section lake.....	Morton.....	Frank Shaler.....	May 24	180,000
Pretty lake.....	Martiny.....	Miss Rachel Lewis.....	May 24	120,000
Long lake.....	Morton.....	John Miller.....	May 24	240,000
Chippewa lake.....	Chippewa.....	C. L. Grant.....	May 24	240,000
Blue lake.....	Chippewa.....	B. S. Henry.....	May 24	180,000
Horsehead lake.....	Martiny.....	B. S. Henry.....	May 24	180,000
Lake 28.....	Sheridan.....	R. P. Swisher.....	May 24	150,000
<b>Missaukee county:</b>				
Lake Missaukee.....	Lake.....	Geo. W. Wood.....	June 14	150,000
<b>Montcalm county:</b>				
Long lake.....	Douglas and Belvidere.....	F. F. Curtis.....	May 24	180,000
Robbins' lake.....	Richmond.....	A. J. Sutton.....	May 24	120,000
Spruce or Fisher lake.....	Maple Valley.....	W. D. Day.....	June 14	100,000
<b>Muskegon county:</b>				
Twin lake.....	Dalton.....	Miss Olga Harter.....	May 22	150,000
White lake.....	Montague.....	F. D. Pryor.....	May 25	120,000
Michilinda lake.....	Fruitland.....	John R. Austin.....	May 25	90,000
White lake.....	White river and others.....	White Lake Yacht Club.....	May 25	120,000
<b>Newaygo county:</b>				
Evans lake.....	Dayton.....	Madison Smith.....	May 22	120,000
Martin lake.....	Dayton.....	Madison Smith.....	May 22	120,000
Crystal lake.....	Sherman.....	Frank Foster.....	May 22	150,000
Blanch lake.....	Ashland.....	Allen J. Titus.....	June 14	150,000

## Wall-eyed Pike Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Oakland county:</b>				
Lotus lake.....	Waterford.....	C. W. Hunt.....	May 25	250,000
Big lake.....	Springfield.....	J. J. Hubbard.....	May 25	300,000
Long lake.....	White Lake.....	Wm. B. Purdy.....	May 29	175,000
Petubone lake.....	Highland.....	Frank B. Hatch.....	May 29	200,000
Round lake.....	Milford.....	R. S. Potts.....	May 29	125,000
Dollar lake.....	Orion.....	John B. Tuttle.....	May 31	250,000
Lake Orion.....	Orion.....	C. A. Stringer.....	May 31	375,000
<b>Oceana county:</b>				
Noble's lake.....	Greenwood.....	H. S. Rhoads.....	May 22	120,000
Crystal lake.....	Hart.....	C. E. Ellis.....	May 25	90,000
Sixteen lake.....	Grant.....	G. A. Harrison.....	May 25	90,000
Stony lake.....	Benona.....	A. J. Rankin.....	May 25	120,000
<b>Ogemaw county:</b>				
Bush lake.....	Richland.....	George Eyrmer.....	June 1	125,000
Island lake.....	Rose and Atherton.....	Levi Abbott.....	June 1	250,000
Sage lake.....	Hill.....	Chas. E. Kenyon.....	June 1	250,000
<b>Ontonagon county:</b>				
Duck lake.....	Rockland.....	Simon Bohan.....	June 7	60,000
Three lakes.....	Haight.....	Alex Turner.....	June 7	60,000
No name.....	Haight.....	P. E. Tauldud.....	June 7	60,000
No name.....	McMillan.....	Helmer Hausen.....	June 7	60,000
<b>Oscoda county:</b>				
Smith lake.....	Comins.....	Menno Esch.....	June 3	125,000
Loon lake.....	Comins.....	Levi Abbott.....	June 7	250,000
<b>Oseola county:</b>				
Big lake.....	Orient.....	E. F. Birdsall.....	May 29	250,000
Hewitt lake.....	Burdell.....	Hon. J. M. Perry.....	June 14	125,000
<b>Ottawa county:</b>				
Spring lake.....	Spring lake.....	Samuel Falls.....	June 14	150,000
Black lake or Macatawa Bay.....	Holland.....	A. G. Tanner.....	June 14	150,000
<b>Presque Isle county:</b>				
Lake Ella.....	Belknap.....	H. Horwitz.....	June 3	200,000
Lost lake.....	Bismark.....	Arthur Bunton.....	June 3	125,000
Lake May.....	Belknap.....	Arthur Bunton.....	June 3	250,000
<b>Sanilac county:</b>				
McGill's pond.....	Marlette.....	W. B. McGill.....	May 29	125,000
Black river.....	Lexington.....	C. J. Reynolds.....	June 3	375,000
<b>Schooner county:</b>				
Gulliver lake.....	Doyle.....	W. R. Callaway.....	June 6	250,000
<b>Shinawassee county:</b>				
Shinawassee river.....	Vernon.....	John Hazelton.....	May 28	150,000
<b>St. Joseph county:</b>				
St. Joseph river.....	Lockport.....	Sidney Boyer.....	May 27	375,000
Mud lake.....	Leonidas.....	S. C. Kline.....	May 27	125,000
Corey lake.....	Leonidas.....	E. B. Linsley.....	May 27	250,000
Bear creek.....	Leonidas.....	G. O. Damon.....	May 29	150,000
King's pond.....	Leonidas.....	R. West.....	May 29	200,000
Lidia or Bennett lake.....	Leonidas.....	L. H. Jacobs.....	May 29	200,000
Notawa creek.....	Leonidas.....	J. L. Damon.....	May 29	200,000
<b>Tuscola county:</b>				
Cut lake.....	Dayton.....	Ed. D. Cartwright.....	May 29	175,000
Cass river.....	Vassar.....	Freeman C. Hogle.....	May 31	250,000
Cass river.....	Vassar & Indian Field.....	Hon. Wm. McKay.....	May 31	625,000
<b>Van Buren county:</b>				
Van Auken lake.....	Bangor.....	J. Welker.....	May 23	150,000
Nyman's lake.....	Bangor.....	Archie V. McKee.....	May 23	180,000
North lake.....	Columbia.....	A. M. McCoy.....	May 23	150,000
Base line lake.....	Columbia.....	W. E. Grimes.....	May 23	120,000
Lake Fourteen.....	Columbia.....	W. E. Grimes.....	May 23	150,000
Base Line lake.....	Geneva.....	W. E. Grimes.....	May 23	150,000
Mud lake.....	Columbia.....	Almer Deming.....	May 23	120,000
Southard's lake.....	Bangor.....	Mitchell J. Smiley.....	May 23	120,000
Van Auken's lake.....	Bangor.....	Mitchell J. Smiley.....	May 23	180,000
Handy or Delz lake.....	Bangor.....	Mitchell J. Smiley.....	May 23	120,000

## Wall-eyed Pike Plants, 1907.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Van Buren county.—Continued.</b>				
Donovan's lake.....	Bangor.....	Mitchell J. Smiley.....	May 23	240,000
Brandywine lake.....	Pine Grove.....	Harrison Bramble.....	May 27	125,000
Mill lake.....	Bloomington.....	Harrison Bramble.....	May 27	125,000
Turkey lake.....	Pine Grove.....	Harrison Bramble.....	May 27	125,000
Hawk's lake.....	Pine Grove.....	Harrison Bramble.....	May 27	125,000
Johnston lake.....	Hamilton.....	Irvin McGowan.....	May 27	125,000
Clear lake.....	Pine Grove.....	Chester Wesler.....	May 27	250,000
<b>Washtenaw county:</b>				
Ahriens lake.....	Northfield.....	Theo. F. Prochnow.....	May 25	150,000
Whitmore lake.....	Northfield.....	Theo. F. Prochnow.....	May 25	150,000
Independence lake.....	Webster.....	Theo. F. Prochnow.....	May 25	150,000
Horseshoe lake.....	Northfield.....	Theo. F. Prochnow.....	May 25	150,000
Big Portage and several small lakes connected.	Dexter.....	R. H. Kilian.....	May 28	250,000
Silver lake.....	Dexter.....	B. E. Reynolds.....	May 28	150,000
Pleasant lake.....	Freedom.....	David W. Schneider.....	May 28	200,000
Whitewood lake.....	Webster and Hamburg.....	L. D. Alley.....	May 28	250,000
Gallagher lake.....	Webster and Hamburg.....	L. D. Alley.....	May 28	250,000
Tamarack lake.....	Webster and Hamburg.....	L. D. Alley.....	May 28	250,000
Bass lake.....	Webster and Hamburg.....	L. D. Alley.....	May 28	250,000
Doll lake.....	Dexter.....	John Doll.....	May 28	125,000
Crooked lake.....	Sylvan.....	J. Geo. Webster.....	May 28	250,000
<b>Wayne county:</b>				
Coomer lake.....	Van Buren.....	A. E. Smith.....	June 3	250,000
<b>Total.....</b>				<b>46,045,000</b>

## Wall-eyed Pike Plants, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Alger county:</b>				
Doe lake.....	Munising.....	Will F. Cox.....	June 4	80,000
Mud lake.....		H. A. St. John.....	June 4	300,000
Perch lake.....		H. A. St. John.....	June 4	300,000
<b>Alcona county:</b>				
Hubbard lake.....	28 north, 7 and 8 cast.....	W. S. Linton.....	May 27	400,000
<b>Allegan county:</b>				
Swan lake.....	Cheshire.....	I. E. Trip.....	May 21	125,000
Dumont lake.....	Allegan.....	E. L. Douglas.....	May 27	120,000
Littlejohn lake.....	Allegan.....	Frank T. Marty.....	May 27	120,000
Kalamazoo river.....	Gun Plains.....	William Crispe.....	May 28	140,000
Green lake.....	Leighton.....	Fred G. Becker.....	May 28	120,000
<b>Alpena county:</b>				
Beaver lake.....	Ossineke.....	Fred Ward.....	May 27	200,000
<b>Antrim county:</b>				
Lime lake.....	Banks.....	Albert Byers.....	May 21	80,000
<b>Barry county:</b>				
Barlow lake.....	Yankee Springs.....	J. D. Dietrich.....	May 20	120,000
Middle lake.....	Castleton.....	Earl Goldsmith.....	May 20	100,000
Thornapple lake.....	Castleton.....	L. E. Cole.....	May 20	80,000
Thornapple river.....	Castleton.....	Wm. Irland.....	May 20	100,000
Long lake.....	Hope.....	John Acker.....	May 22	160,000
Wilson and Lawrence lakes.....	Barry.....	George Lawrence.....	May 22	120,000
Big Cedar lake.....	Hope.....	Brazill Harrington.....	May 22	100,000
Fair lake.....	Barry.....	Dewitt Collier.....	May 22	160,000
Little Gilkey lake.....	Barry.....	Wm. Evans.....	May 22	60,000
<b>Benzie county:</b>				
Round lake.....	Lake.....	John W. Cruse.....	May 29	280,000
Bellos lake.....	Almira and Long Lake.....	S. S. Burnett.....	May 29	80,000
Manwarren lake.....	Almira.....	Daniel S. Willard.....	May 29	100,000
Lake Ann.....	Almira.....	M. L. Lake.....	May 29	120,000
Valleau lake.....	Almira.....	M. L. Lake.....	May 29	80,000
Bryan lake.....	Almira.....	M. L. Lake.....	May 29	100,000
Ransom lake.....	Almira.....	G. F. Decker.....	May 29	100,000
Woodback Twin lakes.....	Almira.....	G. F. Decker.....	May 29	100,000
Big Platte lake.....	Benzonia.....	Wm. A. Lear.....	May 29	120,000
Little Platte lake.....	Benzonia.....	Wm. A. Lear.....	May 29	100,000
Long lake.....	Benzonia.....	D. E. Burns.....	May 29	120,000
<b>Berrien county:</b>				
Little Indian lake.....	Berrien.....	W. R. Toney.....	May 21	100,000
Pike lake.....	Buchanan.....	A. A. Worthington.....	May 21	100,000
Smith's lake.....	Berrien and Pokagon.....	Calvin Murphy.....	May 25	80,000
Long lake.....	Berrien.....	Calvin Murphy.....	May 25	80,000
Murphy lake.....	Berrien.....	Calvin Murphy.....	May 25	60,000
Singer lake.....	Oronoka and Lake.....	G. O. McOmber.....	May 25	60,000
Colvin lake.....	Buchanan.....	G. O. McOmber.....	May 25	60,000
St. Joe river.....	Buchanan.....	Dudley Wallace.....	May 25	160,000
Paw Paw river.....	Hogar.....	Chas. K. Farmer.....	May 25	160,000
<b>Branch county:</b>				
North, South, Randall, Morrison, Craig and Bennett lakes.....	Coldwater.....	F. T. Tappan.....	May 23	600,000
Marble lake.....	Quincy.....	C. A. Bishop.....	May 23	150,000
Lime lake.....	Batavia.....	Harry Gallop.....	May 23	200,000
Kenyon lake.....	Sherwood.....	John Palmer.....	May 23	300,000
Marl lake.....		Leo E. Wood.....	May 23	125,000
Lower lake.....		D. Waterman.....	May 23	125,000
Lehr lake.....		S. W. Lehr.....	May 23	125,000
<b>Calhoun county:</b>				
St. Joseph river.....	Clarendon.....	Geo. C. Ballentine.....	May 21	140,000
Rotherick's lake.....		W. F. Graf.....	May 21	150,000
Williams lake.....		G. H. Grant.....	May 23	150,000
Mill pond at Marshall (Kalamazoo river).....	Marshall and Marengo.....	Geo. A. Johnson.....	May 23	200,000
Ceresco pond.....	Marshall.....	E. F. Hough.....	May 23	250,000
Pardee lake.....	Lee.....	H. C. Faulkner.....	May 23	150,000
Brace lake.....	Eckford.....	E. L. Holmes.....	May 23	150,000
Kalamazoo river.....	Marshall and Marengo.....	E. L. Holmes.....	May 23	200,000
Lyon lake.....	Fredonia.....	Chas. O. Miller.....	May 23	150,000

## Wall-eyed Pike Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Cas county:</b>				
Indian lake.....	Silver creek.....	Fred Phillips.....	May 21	140,000
Magician lake.....	Silver Creek & Van Buren.....	Fred Phillips.....	May 21	140,000
Baldwin lake.....	Porter.....	L. O. Hitchcock.....	May 27	120,000
Kirk's lake.....	Penn and Newberry.....	H. H. Roth.....	May 28	80,000
Mud lake.....	Calvin.....	H. H. Roth.....	May 28	80,000
Saddle Bag lake.....	Volinia and Marcellus.....	C. S. Jones.....	May 28	60,000
Big Fish lake.....	Marcellus.....	C. S. Jones.....	May 28	80,000
Skyhawk lake.....	Marcellus.....	C. S. Jones.....	May 28	60,000
Miller lake.....	Marcellus.....	C. S. Jones.....	May 28	60,000
Huyek lake.....	Marcellus.....	C. S. Jones.....	May 28	60,000
Mulford lake.....	Volinia.....	Paul H. Savage.....	May 28	80,000
		Dell Jacquays.....	May 28	60,000
<b>Clare county:</b>				
Crooked lake.....	Garfield.....	M. F. Robinson.....	May 29	240,000
Bass, Brennan and Beebe lakes.....	Garfield.....	W. C. Cornwell.....	May 29	200,000
Farm lake.....	Garfield.....	W. C. Chase.....	May 29	240,000
<b>Clinton county:</b>				
Alward lake.....	Bath.....	Arthur St. Clair.....	June 2	100,000
<b>Cheboygan county:</b>				
Burt lake.....	Tuscarora.....	John M. Sager.....	May 25	300,000
Miller lake.....	Grant and others.....	Wm. E. Shoemaker.....	May 25	300,000
Long lake.....	Grant.....	Wm. E. Shoemaker.....	May 25	300,000
Burt lake.....	Tuscarora.....	Fred S. Burgess.....	May 25	300,000
<b>Charlevoix county:</b>				
Lake 26.....	Marion.....	Dick O'Neill.....	May 21	100,000
<b>Crawford county:</b>				
School Section lake.....	Grayling.....	J. C. Burton & T. H. Glover.....	May 25	200,000
Portage lake.....	Grayling.....	Peter Nelson.....	May 25	200,000
K. P. Lake.....	Maple Forest.....	Geo. F. Owen.....	May 25	200,000
Shoepack lake.....	Maple Forest.....	Joe Simms.....	May 20	200,000
<b>Eaton county:</b>				
Grand river (above Smith's creek).....	Hamlin.....	Dr. W. C. Buffenberger.....	May 20	100,000
Grand river.....		C. A. Sprinkle.....	May 20	100,000
Smith's pond.....	Hamlin.....	G. E. La Fever.....	May 20	80,000
Grand river.....	Onesida.....	Fred L. Berry.....	May 26	300,000
Grand river.....	Delta.....	W. Lazell.....	May 26	300,000
Hodgeman lake.....	Eaton.....	Frank Johnson.....	May 28	80,000
Grand river.....	Delta.....	Crane & McGee.....	May 28	100,000
Pine lake.....	Walton.....	John A. Downer.....	May 28	80,000
<b>Emmet county:</b>				
Round lake.....	Bear Creek.....	Henry Ludwig.....	May 23	120,000
Round lake.....	Center.....	Tindle and Jackson.....	May 23	120,000
Arnitt's lake.....	McKinley.....	G. H. Delsworth.....	May 23	60,000
Carp lake.....	Carp Lake and Hebron.....	O. C. Cope.....	May 23	160,000
<b>Genesee county:</b>				
Long lake.....	Fenton.....	W. A. Paterson.....	May 21	300,000
<b>Grand Traverse county:</b>				
Green lake.....	Green Lake.....	W. Pennington.....	May 20	100,000
Duck lake.....	Green Lake.....	W. Pennington.....	May 20	120,000
Black lake.....	Union.....	R. B. DeFrance.....	May 23	80,000
Blue lake.....	Union.....	R. B. DeFrance.....	May 23	80,000
Rennie lake.....	Union.....	R. B. DeFrance.....	May 23	160,000
Porter lake.....	Mayfield.....	R. B. DeFrance.....	May 23	60,000
Cedar lake.....	Mayfield.....	A. B. Stinson.....	May 23	60,000
Fuller lake.....	Fife Lake.....	F. Smith.....	May 23	80,000
<b>Hillsdale county:</b>				
Chain of three lakes within one mile (Moon is the largest).....		Harry Lombard.....	May 22	100,000
Sand lake.....	Hillsdale.....	Wm. C. Kemp.....	May 22	200,000
Bird lake.....	Jefferson.....	C. M. Warner.....	May 22	160,000
Duck lake.....	Allen.....	E. A. Leffingwell.....	May 23	75,000
Hemlock lake.....	Allen and Reading.....	E. A. Leffingwell.....	May 23	75,000
<b>Ingham county:</b>				
Sycamore river.....	Lansing.....	C. W. Cline.....	May 26	250,000
Dobie lake.....	Alaiedon.....	C. A. Button.....	May 26	175,000

## Wall-eyed Pike Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Ingham county.—Continued.</b>				
Grand river.....	Williamston.....	C. M. Rice.....	May 26	300,000
Pratt's dam or Grand river.....	Lansing and Delta.....	W. L. Brush.....	May 26	300,000
Cedar river.....	Lansing.....	W. L. Brush.....	May 26	300,000
<b>Ionia county:</b>				
Looking Glass river and bayou.....	Portland.....	Bert C. Jenkins.....	May 26	375,000
Electric Light pond.....	Portland.....	B. W. Wright.....	May 26	375,000
Woodward lake.....	Ronald.....	Herbert L. Smith.....	May 26	175,000
Grand river.....	Lyons and Portland.....	J. C. Shultz.....	May 26	300,000
Pedler lake.....	Campbell.....	E. A. Rising.....	May 26	80,000
Morrison lake.....	Campbell and Boston.....	E. A. Rising.....	May 26	120,000
Jordge lake.....	Odessa and Woodland.....	Fay Diamond.....	May 26	120,000
Peck lake.....	Berlin.....	John Wallington.....	May 28	60,000
Huhn's pond.....	Boston.....	John Wallington.....	May 28	60,000
Walter's pond.....	Boston.....	John Wallington.....	May 28	60,000
Long lake.....	Orleans.....	E. E. Brown.....	June 1	80,000
Mud lake.....	Orleans.....	E. E. Brown.....	June 1	40,000
Owl lake.....	Orleans.....	H. H. Decker.....	June 1	60,000
<b>Iosco county:</b>				
Sand lake.....	Grant.....	J. A. Jackson.....	May 27	200,000
Indian lake.....	Plainfield.....	C. W. Luce.....	May 27	400,000
<b>Isabella county:</b>				
Hall's lake.....	Broomfield.....	B. W. Hagerman.....	May 21	80,000
Norton lake.....	Lincoln.....	Geo. J. Poole.....	May 28	125,000
Coldwater lake.....	Nottawa.....	Robt. Hyslop.....	June 3	100,000
Scutt lake.....	Nottawa.....	Robt. Hyslop.....	June 3	80,000
<b>Jackson county:</b>				
Tompkins Mill pond.....	Tompkins.....	Henry L. Woodard.....	May 20	60,000
Lord's lake.....	Tompkins.....	Hazen Abbey.....	May 20	60,000
Peterson lake.....	Summitt.....	C. M. Brown.....	May 22	100,000
Grass lake.....	Grass Lake.....	Chester R. Smith.....	May 23	200,000
<b>Kalamazoo county:</b>				
Pretty lake.....	Texas.....	Geo. A. Coykendall.....	May 21	100,000
Paw Paw lake.....	Texas.....	Gardner Jeffries.....	May 21	120,000
Long lake.....	Portage.....	Henry Waruf.....	May 28	160,000
<b>Kalkaska county:</b>				
Base lake.....	Orange.....	Paul Sieting.....	May 23	80,000
Grass lake.....	Excelsior.....	E. A. Bates.....	May 29	100,000
<b>Kent county:</b>				
Camp lake.....	Algoma.....	A. P. Irish.....	May 20	80,000
Rexford lake.....	Tyrone.....	George Rexford.....	May 20	60,000
Lower or Mable's lake.....	Solon.....	Dell Mable.....	May 20	60,000
Sand lake.....	Nelson and Pierson.....	F. E. Shattuck.....	May 20	60,000
Middle lake.....	Solon.....	Earl Rasco.....	May 20	60,000
Crandall or Upper lake.....	Solon.....	Earl Rasco.....	May 20	60,000
Spring or Middle lake.....	Solon.....	Earl Rasco.....	May 20	80,000
Allen lake.....	Courtland.....	Geo. W. Brantner.....	May 20	60,000
Muskat lake.....	Grattan.....	W. S. Lambertson.....	May 22	100,000
Big Wabasis lake.....	Oakfield.....	W. S. Lambertson.....	May 22	100,000
Chapin lake.....	Grattan.....	W. P. Hetherington.....	May 22	100,000
Emmons lake.....	Grattan.....	Sumner H. Wilson.....	May 22	80,000
Trux lake.....	Bowne.....	F. G. Hunt.....	May 26	80,000
Reed's and Fisk lakes.....	Grand Rapids.....	L. J. De Lamarter.....	May 26	120,000
Thornapple river.....	Ada.....	Herbert Burt.....	May 28	160,000
Grand river.....	Ada.....	Mich. Fish Com.....	May 28	120,000
Pine Island lake.....	Plainfield.....	Mich. Fish Com.....	June 3	180,000
<b>Lake county:</b>				
Elbow lake.....	Elk.....	Jack Hartley.....	May 20	120,000
<b>Lapeer county:</b>				
Clear lake.....	Arcadia.....	Elmer Aukley.....	May 26	200,000
Bass lake.....	Arcadia.....	G. M. Bowen.....	May 26	200,000
<b>Lenawee county:</b>				
Silver lake.....	Woodstock.....	W. W. Harris.....	May 22	200,000
<b>Leelanau county:</b>				
Davis lake.....	Kasson.....	M. L. Deal.....	May 29	80,000

## Wall-eyed Pike Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Livingston county:</b>				
Silver lake.....	Hamburg.....	M. J. Bennett & T. J. Rice.....	May 21	150,000
Zuley creek.....	Hamburg.....	Theo. Prochnow.....	May 23	150,000
Indian lake or lakes.....	Deerfield.....	Chas. E. Nichols.....	May 28	500,000
<b>Manistee county:</b>				
Healy lake.....	Springdale.....	Frank E. Bourke.....	May 20	100,000
Glover lake.....	Pleasanton.....	F. L. Glover.....	May 20	80,000
Bear lake.....	Pleasanton & Bear Lake.....	L. D. Shirdiff.....	May 29	160,000
<b>Marquette county:</b>				
Abram lake.....	Skandia.....	Chas. Wilson.....	June 4	60,000
Campau pond.....	Marquette.....	W. F. Morgan.....	June 4	60,000
Lake Independence.....	Marquette.....	Powell.....	June 4	500,000
Mangum lake.....	Marquette.....	H. A. St. John.....	June 4	200,000
<b>Mason county:</b>				
Round lake.....	Sheridan.....	Ernest Jaser.....	May 29	200,000
Fallman lake.....	Branch.....	Ernest Jaser.....	May 29	200,000
Emerson lake.....	Branch.....	N. G. Sayles.....	May 29	200,000
Lost lake.....	Eden.....	N. G. Sayles.....	May 29	200,000
Crystal lake.....	Amber.....	N. G. Sayles.....	May 29	200,000
Lincoln lake.....	Hamlin and Victory.....	O. J. Wangen.....	May 29	500,000
Pleasanton lake.....	Pere Marquette.....	R. C. Bridge.....	May 29	200,000
Little Bass lake.....	Sheridan.....	Clyde J. Leonard.....	May 29	80,000
Bass lake.....	Sheridan.....	Clyde J. Leonard.....	May 29	80,000
	Summit.....	Geo. McKee.....	May 27	200,000
<b>Mecosta county:</b>				
Lake Twenty-eight.....	Sheridan.....	P. J. Theisen.....	May 21	60,000
Pine lake.....	Wheatland.....	P. J. Theisen.....	May 21	60,000
Blue lake.....	Morton and Martiny.....	P. J. Theisen.....	May 21	80,000
Pine lake.....	Wheatland.....	P. J. Theisen.....	June 3	60,000
Lake Twenty-eight.....	Sheridan.....	R. P. Swisher.....	May 21	60,000
Long and Round lakes.....	Morton.....	Geo. R. Sapp.....	May 21	100,000
Horsehead lake.....	Martiny.....	L. H. Percy.....	May 21	80,000
Pretty lake.....	Martiny.....	E. C. Lewis.....	May 21	60,000
Muskegon river.....	Green.....	Jay G. Reed.....	May 23	200,000
Brady lake.....	Aetna.....	J. D. McManus.....	May 23	60,000
Buchanan.....	Aetna.....	Chas. E. Hawley.....	May 23	60,000
Doyle lake.....	Aetna.....	Chas. E. Hawley.....	May 23	60,000
Muskegon river.....	Green.....	Thos. Blaxson.....	June 2	100,000
Long lake.....	Chippewa.....	Albert Oeser.....	June 3	120,000
Chippewa lake.....	Chippewa.....	C. L. Grant.....	June 3	120,000
School Section lake.....	Morton.....	Frank Shaler.....	June 3	120,000
<b>Montcalm county:</b>				
Buttermilk lake.....	Pierson.....	Alvin R. Brown.....	May 20	60,000
Round lake.....	Pierson.....	F. E. Shattuck.....	May 20	60,000
Perch lake.....	Montcalm.....	C. B. Rarden.....	May 22	60,000
Baldwin lake.....	Eureka.....	M. G. Hillman.....	May 22	120,000
Long lake.....	Douglas and Belvidere.....	F. E. Curtis.....	May 22	100,000
Rock lake.....	Richland.....	A. B. Stauffer.....	May 22	80,000
Pine river.....	Sumner.....	F. J. Graham.....	May 22	120,000
Robbins lake.....	Richland.....	A. J. Sutton.....	May 22	80,000
Deaner's creek.....	Richland.....	John Jacques.....	May 22	60,000
Robinson lake.....	Richland.....	Bert Osborn.....	May 22	60,000
Whitefish lake.....	Pierson.....	B. S. Davenport.....	May 23	60,000
Grass lake.....	Fairplains.....	Archie Sweers.....	June 1	60,000
Pickrel lake.....	Bushnell.....	Clark Reimer.....	June 1	60,000
Horseshoe lake.....	Fairplains.....	E. E. Brown.....	June 1	60,000
Saow's lake.....	Bushnell.....	B. E. Staines.....	June 1	60,000
<b>Montmorency county:</b>				
East Twin lake.....	Albert.....	H. Peterson.....	May 25	200,000
Long lake.....	31 and 32 N., R. 4 E.....	Joe E. Hubert.....	May 27	200,000
<b>Muskegon county:</b>				
Trent Mill pond.....	Casnovia.....	Arthur Thomas.....	May 20	40,000
Half Moon lake.....	Casnovia.....	Arthur Thomas.....	May 20	80,000
White lake.....	Whitehall and Montague.....	Paul G. Kling.....	May 27	300,000
White lake.....	Montague.....	F. D. Pryor.....	May 27	300,000
Wolf lake.....	Eggleston.....	E. D. Magoon.....	May 27	200,000
Twin lake.....	Dalton.....	Miss Olga Harter.....	May 27	120,000

## EIGHTEENTH REPORT—STATE FISHERIES.

## Wall-eyed Pike Plants, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Newaygo county:</b>				
Taylor lake.....	Enslay and Solon.....	Jake J. Yost.....	May 20	60,000
Cook and White lakes.....	Enslay and Solon.....	Frank Seigel.....	May 20	60,000
Pickeral lake.....	Home.....	H. Toneray.....	May 20	80,000
Diamond lake.....	Lincoln.....	Capt. W. H. Bigelow.....	May 20	100,000
Sand lake.....	Ashtland.....	Arthur Thomas.....	May 20	80,000
Bill's lake.....	Croton.....	O. H. Stray.....	May 20	80,000
Pickeral lake.....	Garfield.....	A. I. Forman.....	May 20	100,000
Crystal lake.....	Sherman.....	Frank Foster.....	May 27	120,000
Clear lake.....	Cedar Creek.....	H. A. O'Connor.....	May 27	120,000
<b>Oakland county:</b>				
Pettibony lake.....	Highland.....	F. B. Hatch.....	May 20	125,000
Sears lake.....	Millford.....	F. B. Hatch.....	May 20	125,000
Moore lake.....	Millford.....	R. S. Fols.....	May 20	125,000
Stepple Hill lake.....	White Lake.....	Tom Forbes.....	May 20	125,000
Brook and Robson lakes.....	Millford.....	W. L. Robson.....	May 20	125,000
Hunnell lake.....	Millford.....	Harry Glendenning.....	May 20	125,000
Big lake (head of Huron river).....	Springfield.....	James I. Hubbard.....	May 21	250,000
Lotus lake.....	Waterford.....	C. W. Hunt.....	May 21	200,000
Maceday lake.....	Waterford.....	C. W. Hunt.....	May 25	300,000
Pine lake.....	West Bloomfield.....	Mark Harger.....	May 21	250,000
Galloway lake.....	Pontiac.....	David A. Suttie.....	May 21	150,000
Long lake.....	Pontiac.....	David A. Suttie.....	May 21	150,000
White lake.....	Highland.....	Wallace Becker.....	May 21	125,000
Minnie lake.....	Groveland.....	James Taylor.....	May 21	250,000
Peer lake.....	Groveland.....	Frank Cuthbert.....	May 21	100,000
Lake Orion.....	Groveland.....	Frank Cuthbert.....	May 21	100,000
Watkins lake.....	Orion.....	C. A. Stringer.....	May 23	400,000
Loon lake.....	Waterford.....	Mich. Fish Com.....	May 23	300,000
<b>Oceana county:</b>				
Crystal lake.....	Hart.....	C. E. Ellis.....	May 27	160,000
Sixteen lake.....	Grant.....	C. E. Ellis.....	May 27	200,000
Stony lake.....	Benona.....	A. J. Rankin.....	May 27	200,000
<b>Ogemaw county:</b>				
Prieur lake.....	Klacking.....	Joseph Schneider.....	May 27	100,000
<b>Oscoda county:</b>				
Rose lake.....	Rose Lake.....	John Eggle.....	May 23	160,000
Big lake.....	Orient.....	E. F. Birdsall.....	May 29	200,000
Wright and Grover lakes.....	Ewart.....	Wm. F. Ramsey.....	May 29	200,000
<b>Oscoda county:</b>				
Long lake.....	Mentor.....	R. M. Olin.....	May 27	200,000
<b>Ottawa county:</b>				
Black lake or Macatawa bay.....	Holland.....	A. G. Tanner.....	May 26	120,000
Spring lake.....	Spring Lake.....	Samuel Falls.....	May 27	200,000
Spring lake.....	Spring Lake.....	L. R. Patterson.....	May 27	100,000
Cove lake or Stearns bayou.....	Robinson.....	Walter T. G. Penny.....	May 30	100,000
<b>Otsago county:</b>				
Clear lake.....	Chester.....	Sim. J. Lewis.....	May 25	100,000
<b>Roscommon county:</b>				
Houghton lake.....	Severil.....	Wm. Gushard.....	May 25	400,000
<b>Shiawassee county:</b>				
Gould's lake.....	Caledonia.....	John F. Salisbury.....	May 23	250,000
<b>St. Joseph county:</b>				
St. Joseph river.....	Leonidas.....	N. H. Turner.....	May 21	100,000
Bear creek.....	Leonidas.....	J. L. Damon.....	May 21	100,000
Carlisle pond.....	Leonidas.....	G. O. Damon.....	May 21	100,000
Lidia lake.....	Leonidas.....	G. O. Damon.....	May 21	100,000
King's pond.....	Leonidas.....	G. O. Damon.....	May 21	100,000
Nottawa creek.....	Leonidas.....	Joe Tutewiler.....	May 21	100,000
Mud lake.....	Leonidas.....	J. Carl Gaw.....	May 23	125,000
Nottawa creek.....	Leonidas.....	S. C. Kline.....	May 23	125,000
Long lake.....	Colon.....	C. A. Boyer.....	May 23	200,000
Hog creek lake.....	Burr Oak.....	Wm. H. Bordner.....	May 23	200,000
Lewis.....	Flowerfield & Marcellus.....	S. J. Andrus.....	May 28	60,000
<b>Tuscola county:</b>				
Hewett lake.....	Koylton.....	B. L. Hartwick.....	May 29	200,000

## Wall-eyed Pike Plants, 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Van Buren county:</b>				
Moore lake.....	Geneva.....	J. F. Tolles.....	May 21	125,000
Base Line lake.....	Geneva.....	W. E. Grimes.....	May 21	125,000
Lake Fourteen.....	Columbia.....	W. E. Grimes.....	May 21	125,000
North lake.....	Columbia.....	Chas. Jensch & W. F. Ervert.....	May 21	125,000
<b>Munsen lake.....</b>	Columbia.....	Chas. Jensch & W. F. Ervert.....	May 21	125,000
Johnson lake.....	Hamilton.....	Chas. Zimmerman.....	May 21	100,000
Three Mile lake.....	Paw Paw.....	Wm. M. Kirkwood.....	May 25	80,000
Lake Cora.....	Paw Paw.....	Clarence E. Fox.....	May 25	100,000
Reynold and southern end Lake George.....	Lawrence.....	S. I. Klanber.....	May 25	120,000
Prospect lake.....	Lawrence.....	C. R. Miller.....	May 25	120,000
Lake George.....	Lawrence.....	Carleton Vanderveer.....	May 25	80,000
Nyman's mill pond.....	Bangor.....	Archie V. McKee.....	May 25	120,000
<b>Washtenaw county:</b>				
Gallagher lake.....		L. D. Alley.....	May 22	160,000
Silver lake.....	Dexter.....	L. D. Alley.....	May 22	160,000
Bass lake.....	Webster and Hamburg.....	L. D. Alley.....	May 22	160,000
Whitewood lake.....	Webster and Hamburg.....	L. D. Alley.....	May 22	160,000
Tamarack lake.....		L. D. Alley.....	May 22	160,000
Whitmore lake.....	Northfield.....	Theo. F. Prochnow.....	May 23	150,000
Ahriens lake.....	Northfield.....	Theo. F. Prochnow.....	May 23	150,000
Horseshoe lake.....	Northfield.....	Theo. F. Prochnow.....	May 23	150,000
Independence lake.....	Webster.....	Theo. F. Prochnow.....	May 23	150,000
<b>Wayne county:</b>				
Coomer lake.....	Van Buren.....	A. E. Smith.....	May 19	250,000
Huron river.....	Van Buren.....	A. E. Smith.....	May 19	250,000
<b>Wexford county:</b>				
Lake Mitchell (formerly Big Clam lake).....	Cherry Grove.....	N. V. Gerrish.....	May 23	120,000
Lake Cadillac (formerly Little Clam lake).....	Clam Lake.....	N. V. Gerrish.....	May 23	120,000
<b>Total.....</b>				42,875,000

## Small Mouth Bass Plants, Advanced Fry, 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Allegan county:</b>				
Plainwell pond and Kalamazoo river.....	Gun Plains.....	William Thomas.....	June 6	4,000
Kalamazoo river at Plainwell.....	Gun Plains.....	Ed. J. Anderson.....	June 6	4,000
Selkirk lake.....	Wayland.....	S. M. Boyer.....	June 6	4,000
Shermerhorn lake.....	Cheshire.....	G. S. Maentz.....	June 13	4,000
Miner lake.....	Allegan and Watson.....	H. V. Streeter.....	June 13	6,000
Power pond.....	Allegan and Otsego.....	C. N. McDuffie.....	June 13	4,000
Whitmore lake.....	Monterey.....	Chas. Wyman.....	June 13	4,000
<b>Barry county:</b>				
Gun lake.....	Yankee Springs.....	A. A. Anderson.....	June 6	6,000
East Gun lake.....	Yankee Springs and Orangeville.....	Frank Sliter.....	June 6	4,000
		C. R. Garrett.....	June 11	4,000
Pleasant lake.....	Barry.....	Thos. L. Williams.....	June 11	6,000
Crooked lake.....	Barry and Hope.....	M. M. Manning.....	June 11	4,000
Wall lake.....	Barry and Orangeville.....	S. P. Bradstetter.....	June 11	4,000
Hocum lake.....	Hope.....	W. W. Norwood.....	June 11	4,000
Grass lake.....	Hope.....	Delton Mercantile Co.....	June 11	4,000
Wilkinson lake.....	Hope.....	C. F. Moreau.....	June 11	4,000
Blue lake.....	Plainwell.....			
<b>Berrien county:</b>				
St. Joseph river.....	Orosoko and Berrien.....	G. P. McOmber.....	June 19	4,000
St. Joseph river.....		W. J. Luckert.....	June 19	4,000
<b>Kalamazoo county:</b>				
West lake.....	Portage.....	Geo. W. Locke.....	June 26	4,000
Hampton lake.....	Portage.....	Geo. W. Locke.....	June 26	4,000
Gourdneck lake.....	Portage.....	Geo. Burkart.....	June 26	4,000
Eagle lake.....	Texas.....	Fred A. Appledoorn.....	June 26	4,000
<b>Mecosta county:</b>				
Muskegon river.....	Green.....	Jay G. Reed.....	June 15	4,000
<b>Van Buren county:</b>				
Hall's lake.....	Lawrence.....	William A. Palmer.....	June 29	4,000
Dyer's lake.....	Bangor.....	William A. Palmer.....	June 29	4,000
<b>Total.....</b>				<b>106,000</b>

## Small Mouth Bass Fingering Plants, Nos. 1, 2, 3, 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Alger county:</b>				
Bass lake.....	Munising.....	Will F. Cox.....	Aug. 6	450
Bass lake.....		Will F. Cox.....	Aug. 31	300
Sable lake.....	Burt.....	Chas. F. Hickok.....	Aug. 6	450
<b>Antrim county:</b>				
Central lake.....	Kearney.....	J. B. Fisk.....	July 19	2,000
Hardy lake.....	Banks.....	L. Van Skiver.....	July 19	1,000
Bentley lake.....	Banks.....	L. Van Skiver.....	July 19	1,000
<b>Barry county:</b>				
Long lake.....	Rutland.....	A. A. Willmont.....	July 5	2,000
Wall lake.....	Hope.....	Dr. J. C. Andrus.....	Aug. 12	500
<b>Benzie county:</b>				
Crystal lake.....	Crystal lake.....	J. J. Kirby.....	Aug. 21	600
<b>Berrien county:</b>				
St. Joseph river.....	Berrien.....	Graham O. McOmber.....	June 29	3,000
<b>Calhoun county:</b>				
Shedd lake.....	Tekonsha.....	E. F. Sinclair.....	July 5	2,000
Lees lake.....	Newton.....	C. D. Brewer.....	July 5	2,000
<b>Charlevoix county:</b>				
Walloon lake.....	Meirose and Evangeline.....	J. W. Hunter.....	July 8	3,000
Lake Twenty-six.....	Marion.....	E. W. Coulter.....	July 29	2,000
<b>Cheboygan county:</b>				
Cheboygan river.....	Inverness.....	Wm. E. Shoemaker.....	July 9	1,000
Long lake.....		F. L. Albertson.....	July 9	1,000
Long lake.....		F. L. Albertson.....	Aug. 31	600
<b>Crawford county:</b>				
Shoepack lake.....		T. E. Douglas.....	Sept. 12	200
<b>Eaton county:</b>				
Grand river.....	Hamlin.....	Clyde A. Sprinkle.....	Aug. 7	600
<b>Genesee county:</b>				
Pine lake.....	Fenton.....	J. Max Davis.....	July 23	750
<b>Gogebic county:</b>				
Clearwater lake.....	Watersmeet.....	Marvin Hughitt, Jr.....	Aug. 7	450
<b>Houghton county:</b>				
Long lake.....	Winona.....	Geo. Williams.....	Aug. 7	300
Otter lake.....	Chassell.....	Geo. Williams.....	Aug. 7	150
<b>Ingham county:</b>				
Sycamore river.....	Vevay.....	H. O. Cline.....	Aug. 14	600
<b>Ionia county:</b>				
Grand river.....	Lyons and Portland.....	J. C. Schultz.....	Aug. 21	600
<b>Jackson county:</b>				
Pleasant lake.....	Henrietta.....	C. M. Morton.....	July 5	2,000
Wolf lake.....	Napoleon.....	Geo. E. Beebe.....	July 5	2,000
Spring Arbor lake.....	Spring Arbor.....	Geo. E. Beebe.....	July 5	2,000
Big Portage lake.....	Leoni and Waterloo.....	Geo. E. Beebe.....	July 5	2,000
Brill's lake.....	Leoni.....	Geo. E. Beebe.....	July 5	2,000
Clark's lake.....	Columbia.....	Thos. H. Williams.....	July 5	2,000
Upper waters of Kalamazoo branch.....	Hanover.....	Geo. Meister.....	July 5	2,000
<b>Kent county:</b>				
Muskegon river.....	Green.....	J. P. Marks.....	July 1	3,000
<b>Lake county:</b>				
"L" lake.....	Pleasant Plains.....	H. W. Davis.....	Aug. 24	6,000
North lake.....	Pleasant Plains.....	H. W. Davis.....	Aug. 24	600
Reed's lake.....	Grant.....	Wm. R. Clark.....	Aug. 24	400
Round lake.....	Elk.....	J. A. Robertson.....	Oct. 4	300
<b>Lapeer county:</b>				
Hart's lake.....	Marathon.....	J. C. Mason.....	Aug. 2	200
<b>Leelanau county:</b>				
Manitou lake.....	Leland.....	F. & B. Newhall.....	Aug. 15	1,500



Small Mouth Bass Fingerling Plants, Nos. 1, 2, 3, 1907.—Concluded.

County and name of water.	Township.	Depositor.	Date.	Number.
Marquette county:				
Prince lake.....	Forsythe.....	C. A. Laurier.....	Aug. 6	450
Teal lake.....	Negaunee.....	J. H. Winters.....	Aug. 6	450
Mason county:				
Lincoln lake.....	Pere Marquette.....	Hon. M. Livy Agens.....	July 16	1,500
Round lake.....	Sheridan.....	Hon. M. Livy Agens.....	July 16	1,500
Muskegon county:				
Big Blue lake.....	Blue Lake.....	Hon. Fred J. Russell.....	Aug. 23	600
Newaygo county:				
Cook lake.....	Ensley.....	Jake Yost.....	July 12	1,000
Hess or Brook lake.....	Brooks.....	H. S. Thompson.....	July 19	1,500
Oakland county:				
Big lake.....	Springfield.....	J. I. Hubbard.....	July 23	750
Long lake.....	Bloomfield.....	Hon. T. D. Seelye.....	July 23	750
Dollar lake.....	Orion.....	D. C. James.....	July 31	300
Lake-Orion.....	Orion.....	J. G. Kreig.....	July 31	450
Ontonagon county:				
West branch Ontonagon river.....	Several.....	Thomas Hooper.....	Aug. 7	450
St. Joseph county:				
Fisher lake.....	Park.....	W. A. Wilson.....	July 5	2,000
Van Buren county:				
Crooked and Round lakes.....	Keeler.....	Wm. O. Pratt.....	June 29	4,000
Crooked lake.....	Keeler.....	Marvin Defendorf.....	July 12	500
Round lake.....	Keeler.....	O. A. Gould.....	July 12	500
Washtenaw county:				
Silver lake.....	Dexter.....	B. E. Reynolds.....	July 16	750
Total.....				64,600

Small Mouth Bass Plants, Fry, 1908.

County and name of water.	Township.	Depositor.	Date.	Number.
Berrien county:				
Paw Paw river.....	Hager.....	Chas. K. Farmer.....	June 4	6,000
St. Joseph river.....	Berrien and Oronoko.....	G. O. McOmber.....	June 4	20,000
Smith's lake.....	Berrien and Pokagon.....	Calvin Murphy.....	June 4	6,000
Muskegon county:				
Wolf lake.....	Eggleston.....	E. D. Magoon.....	May 27	6,000
White lake.....	Montague.....	J. E. Durham.....	May 27	6,000
Newaygo county:				
Blanch lake.....	Ashland.....	Allen J. Titus.....	June 6	4,000
Oceana county:				
Pentwater lake.....	Pentwater.....	C. F. Lewis.....	May 27	6,000
Crystal lake.....	Hart and Shelby.....	C. L. Gold.....	June 8	6,000
Van Buren county:				
Three Mile lake.....	Paw Paw.....	Wm. M. Kirkwood.....	June 5	6,000
Four Mile lake.....	Paw Paw.....	T. J. Chaffee.....	June 5	6,000
Lake George.....	Lawrence.....	Carlton Vanderveer.....	June 5	6,000
Reynolds lake.....	Lawrence.....	C. R. Miller.....	June 5	6,000
Prospect lake.....	Lawrence.....	C. R. Miller.....	June 5	6,000
Washtenaw county:				
Half Moon lake.....	Dexter.....	F. G. Marshall.....	June 6	1,000
Joslin lake.....	Lyndon.....	F. G. Marshall.....	June 6	1,000
Total.....				92,000

Small Mouth Bass Plants, Advanced Fry, 1908.

County and name of water.	Township.	Depositor.	Date.	Number.
Allegan county:				
Green lake.....	Leighton.....	Fred G. Becker.....	June 1	6,000
Mill pond in Kalamazoo river above Plainwell.....	Gun Plains.....	William Crispe.....	June 1	6,000
Mill pond in Kalamazoo river above Plainwell.....	Gun Plains.....	Ed. J. Anderson.....	June 1	6,000
Barry county:				
Holcomb lake.....	Prairieville.....	W. J. Kenley.....	June 1	6,000
Blue lake.....	Orangeville.....	W. J. Kenley.....	June 1	6,000
Berrien county:				
Clear lake.....	Buchanan.....	A. A. Worthington.....	May 28	4,000
Pike lake.....	Buchanan.....	A. A. Worthington.....	May 28	4,000
Branch county:				
Kenyon lake.....	Sherwood.....	John Q. Palmer.....	June 1	6,000
Lehr lake.....	Sherwood.....	D. Waterman.....	June 1	6,000
Lower lake.....	Sherwood.....	Lec. E. Wood.....	June 1	6,000
Calhoun county:				
Mill pond at Marshall (Kalamazoo river).....	Marshall and Marengo.....	Geo. A. Johnson.....	June 1	6,000
Hall's lake.....	Sheridan.....	L. J. Devring.....	June 1	6,000
Montealm lake.....	Sheridan.....	L. J. Devring.....	June 1	4,000
Duck lake.....	Clarence.....	L. J. Devring.....	June 1	6,000
Lyon lake.....	Fredonia.....	E. L. Holmes.....	June 1	6,000
Rice creek.....	Marengo and Marshall.....	F. G. Seaman.....	June 1	4,000
No name.....	Tekonsha.....	C. J. Cronin.....	June 1	4,000
Lake Gogueau.....	Battle Creek.....	B. D. Brockett.....	June 1	6,000
Cass county:				
Jones lake.....	La Grange.....	Fred Phillips.....	May 28	4,000
Cable lake.....	Silver Creek.....	Fred Phillips.....	May 28	4,000
Dewey lake.....	Silver Creek.....	Fred Phillips.....	May 28	4,000
Indian lake.....	Silver Creek.....	Fred Phillips.....	May 28	4,000
Magician lake.....	Silver Creek and Keeler.....	Fred Phillips.....	May 28	4,000
Huff lake.....	Wayne.....	Fred Phillips.....	May 28	4,000
Easton county:				
Bennett Park lake.....	Charlotte City.....	R. S. Spencer.....	June 2	4,000
Bennett Park lake.....	Charlotte City.....	R. S. Spencer.....	June 2	6,000
Ionia county:				
Looking Glass river.....	Portland.....	W. E. Porter.....	June 1	4,000
Grand mill pond.....	Portland.....	Thomas Russell.....	June 1	4,000
Kalamazoo county:				
Middle lake.....	Richmond.....	H. D. Streator.....	June 1	4,000
Kent county:				
Spring lake.....	Solon.....	Earl Rasco.....	May 29	4,000
Macosta county:				
Muskegon river.....		Thos. Bloxson.....	June 2	20,000
Montealm county:				
Little Whitefish lake.....	Pierson.....	A. M. Cook.....	May 29	6,000
Holland lake.....	Evergreen.....	George Allen.....	June 1	6,000
Newaygo county:				
Engleright lake.....		J. A. Collins.....	May 29	4,000
Conover lake.....	Ensley.....	Alvin R. Brown.....	May 29	4,000
St. Joseph county:				
Portage lake.....	Mendon.....	Wm. H. Buckner.....	June 1	6,000
Lidia lake.....	Leonidas.....	G. O. Damon.....	June 1	4,000
Carliele pond.....	Leonidas.....	G. O. Damon.....	June 1	4,000
Bear creek.....	Leonidas.....	J. L. Damon.....	June 1	6,000
King pond.....	Leonidas.....	G. O. Damon.....	June 1	4,000
St. Joe river.....	Leonidas.....	N. H. Turner.....	June 1	6,000
Nottawa creek.....	Leonidas.....	Joe Tutewiler.....	June 1	6,000
Van Buren county:				
Eagle lake.....	Paw Paw.....	Ben Desenberg.....	June 1	6,000
Eagle lake.....	Paw Paw.....	Bernhard Stern.....	June 1	4,000
Cedar lake.....	Porter.....	Fred H. Giddings.....	June 1	6,000
Gravel lake.....	Porter.....	F. R. Ward.....	June 1	6,000
Total.....				246,000

## Small Mouth Bass Fingerlings, Nos. 1, 2 and 3, 1908.

County and name of water.	Township.	Depositor.	Date.	Number.
Alger county:				
Perch lake.....		H. A. St. John.....	July 14	800
16 Mile lake.....		H. A. St. John.....	July 14	800
Antrim county:				
Intermediate river.....	Banks.....	L. Van Skiver.....	June 13	3,000
Wilson lake.....	Banks.....	Wm. F. Roberts.....	June 13	3,000
Barry county:				
Pine lake.....	Prairieville.....	William Crispe.....	June 19	4,000
Pine lake.....	Johnstone.....	E. A. Turner.....	July 10	750
Long lake.....	Hope.....	B. Dickinson.....	July 10	1,000
Wall lake.....	Hope.....	Dr. J. C. Andrus.....	July 18	600
Berrien county:				
Paw Paw lake.....	Watervliet.....	E. E. Rowland.....	July 10	1,000
Calhoun county:				
Lee lake.....	Newton.....	I. N. Smalley.....	July 18	600
Cass county:				
Stone lake.....	La Grange.....	Fred Marsh.....	July 9	3,000
Charlevoix county:				
Walloon lake.....	Melrose and Evangeline..	J. W. Hunter.....	July 8	1,000
Cheboygan county:				
Cheboygan river.....	Inverness.....	Wm. E. Shoemaker.....	July 8	1,000
Long lake.....	Grant and Benton.....	Fred S. Burgess.....	July 8	1,000
Clinton county:				
Looking Glass river.....	Watertown.....	J. E. Hinkson.....	July 18	600
Crawford county:				
Twin lake.....		F. B. Dickerson.....	Aug. 7	550
Portage lake.....	26 N., R. 4 W.....	Hon. Chas. Blair.....	Aug. 28	600
Eaton county:				
Grand river.....	Delta.....	Crane and McGee.....	July 21	1,000
Emmet county:				
Round lake.....	Bear Creek.....	Henry Lindig.....	July 17	1,000
Houghton county:				
Otter lake.....	Portage.....	J. Abner Sherman.....	July 14	1,000
Isabella county:				
Coldwater lake.....	Nottawa.....	Robert Hyslop.....	July 20	1,000
Kent county:				
Bass lake.....	Spencer.....	Fred Holland.....	July 11	750
Kalamazoo county:				
Gull lake.....	Richland and Ross.....	W. M. Bryant.....	June 19	4,000
Leelanau county:				
Glen lake.....	Glen Arbor.....	D. H. Day.....	Sept. 18	400
Manistee county:				
Bear lake.....	Bear Lake & Pleasanton..	L. D. Shirlif.....	June 20	3,000
Marquette county:				
Silver lake.....	Champion.....	Geo. Voelker.....	July 14	1,000
Watson's lake.....	Forsythe & West Branch..	T. G. Yates.....	July 14	1,000
Lake Independence.....	Powell.....	H. A. St. John.....	July 14	800
Bear lake.....	Powell.....	H. A. St. John.....	July 14	600
Mecosta county:				
Mill Brook pond.....	Mill Brook.....	T. O. Pattison.....	July 20	1,000
Blue lake.....	Morton and Martiny.....	P. J. Theisen.....	Aug. 1	750
Round and Long lakes.....	Morton.....	Geo. R. Sapp.....	Aug. 1	1,000
Monroe county:				
River Raisin.....	Monroe.....	T. R. Navarre.....	July 24	300
River Raisin.....	Monroe.....	T. R. Navarre.....	Aug. 4	1,100
Montcalm county:				
Benger's lake.....	Eureka.....	M. G. Hillman.....	July 28	750

## Small Mouth Bass Fingerlings, Nos. 1, 2 and 3, 1908.—Concluded.

County and name of water.	Township.	Depositor.	Date.	Number.
Muskegon county:				
Big Blue lake.....	Blue Lake.....	Hon. F. J. Russell.....	June 28	1,500
Big Blue lake.....	Blue Lake.....	Hon. F. J. Russell.....	Aug. 4	600
Oakland county:				
Cooley lake.....	White Lake.....	E. K. Simonds.....	Aug. 19	500
Oceana county:				
Pentwater lake.....	Pentwater.....	Hon. R. M. Montgomery..	Aug. 19	750
Ottawa county:				
Spring lake.....	Spring Lake.....	Samuel Falls.....	July 10	1,000
Cove lake.....	Robinson.....	W. G. T. Penny.....	Aug. 5	600
St. Joseph county:				
St. Joseph river.....	Constantine and others..	Wallace N. Harvey.....	July 10	750
Sand lake.....	Nottawa.....	C. E. Fousel.....	July 17	750
Van Buren county:				
North lake.....	Almena.....	B. C. Chambers.....	July 18	600
Crooked and Round lake.....	Keeler.....	Wm. O. Pratt.....	July 18	600
Total.....				51,400

Large Mouth Bass Fry, 1907.

County and name of water.	Township.	Depositor.	Date.	Number.
<b>Allegan county:</b>				
Littlejohn lake.....	Allegan and Valley.....	Fred E. Willson.....	June 13	4,000
Scott lake.....	Lee.....	S. E. Phillips.....	June 19	4,000
Round lake.....	Valley and Clyde.....	Anthony Cook.....	June 19	4,000
Crooked lake.....	Clyde.....	A. Hutchinson.....	June 19	4,000
Hutchins lake.....	Clyde and Ganges.....	Hon. Wm. H. Whitbeck.....	June 19	6,000
Gem lake.....	Wayland & Yankee Sp'ngs	Wm. Orlein.....	June 20	6,000
<b>Berrien county:</b>				
St. Joseph river.....	Buchanan.....	R. M. Hague.....	June 19	4,000
Long lake.....	Berrien.....	Calvin Murphy.....	June 19	4,000
Paw Paw lake.....	Watervliet.....	A. Woodward.....	June 19	4,000
<b>Calhoun county:</b>				
Lyon lake.....	Fredonia.....	Chas. O. Miller.....	June 26	4,000
Montcalm lake.....	Sheridan.....	L. J. Devering.....	June 26	4,000
<b>Grand Traverse county:</b>				
Brewster lake.....	Mayfield.....	A. B. Stimson.....	July 1	4,000
Bumfrey lake.....	Mayfield.....	A. B. Stimson.....	July 1	4,000
Porter lake.....	Mayfield.....	R. B. De France.....	July 1	4,000
Cedar lake.....	Mayfield.....	R. B. De France.....	July 1	4,000
<b>Hillsdale county:</b>				
Lime lake.....	Wright.....	L. W. Palmer.....	June 28	4,500
Lower mill pond.....	Pittsford.....	E. W. Ketuss.....	June 28	4,500
Mallory lake.....	Pittsford.....	L. J. Niblack.....	June 28	4,500
Mill pond.....	Jefferson.....	O. L. Britton.....	July 2	3,000
Bird lake.....	Jefferson.....	Hiram J. Bacon.....	July 2	4,000
John Wood pond.....	Jefferson.....	Hiram J. Bacon.....	July 2	3,000
King lake.....	Hillsdale.....	O. C. Stafford.....	July 2	4,000
Cub lake.....	Woodbridge and Cambria.	Wm. F. Savage.....	July 2	4,000
Cobb and Hastings lake.....	Scipio.....	Omega Portland Cement Co.	July 2	4,000
		F. M. Hodge.....	July 2	2,000
<b>Mosherville lake.....</b>				
	Scipio.....	F. M. Hodge.....	July 2	2,000
<b>Ionia county:</b>				
Jinks lake.....	Ionia.....	H. Bowersox.....	June 28	4,000
Prairie Creek mill pond.....	Ionia.....	H. Bowersox.....	June 28	4,000
<b>Kalamazoo county:</b>				
Dustin lake.....	Oshkemo.....	J. J. Moulter.....	June 20	4,000
Gourdneck lake.....	Portage.....	Charles Weaver.....	June 20	6,000
Hogshhead lake.....	Portage.....	Charles Weaver.....	June 20	4,000
Austin lake.....	Portage.....	S. J. Wykkel.....	June 20	6,000
West lake.....	Portage.....	John A. Pyl.....	June 20	4,000
Big Rawson lake.....	Schoolcraft.....	Roy Hoyt.....	June 21	4,000
Howard lake.....	Schoolcraft.....	P. C. Pursel.....	June 21	4,000
Wells or Big Sugar Loaf lake.....	Schoolcraft.....	Alonzo Van Duzer.....	June 21	4,000
Black lake.....	Schoolcraft & Parkville.....	Geo. D. Cobb.....	June 21	4,000
Sugar Loaf lake.....	Schoolcraft.....	C. Rush Fellows.....	June 21	4,000
Blue lake.....	Charleston.....	Morris Roof.....	June 21	4,000
Middle lake.....	Richland.....	Marvin Gates.....	June 21	4,000
Sherman lake.....	Ross.....	Marvin Gates.....	June 26	4,000
Lower Three lakes.....	Richland.....	Marvin Gates.....	June 26	4,000
Butterfield lake.....	Richland.....	Marvin Gates.....	June 26	4,000
<b>Kent county:</b>				
Pine Island lake.....	Plainfield.....	C. H. Bissonette.....	June 15	6,000
Camp lake.....	Algoma.....	Allen B. Way.....	June 15	6,000
Munro pond.....	Algoma.....	Geo. E. Rector.....	June 15	2,000
Bradley pond.....	Courtland.....	Geo. E. Rector.....	June 15	2,000
Sond lake.....	Nelson.....	F. E. Shattuck.....	June 15	4,000
Ware's lake.....	Nelson.....	F. E. Shattuck.....	June 15	4,000
Middle lake.....	Solon.....	Earl Rasco.....	June 15	4,000
Chapin lake.....	Grattan.....	W. P. Hetherington.....	June 28	6,000
Emmons' lake.....	Grattan.....	S. H. Wilson.....	June 28	6,000
Big Wabasis lake.....	Oakfield.....	W. S. Lambertson.....	June 28	8,000
Pine lake.....	Nelson.....	Jesse E. Beardslee.....	June 28	4,000
Lower or Mable's lake.....	Solon.....	Dell Mable.....	June 28	4,000
<b>Lenawee county:</b>				
Ames mill pond.....	Hudson.....	E. W. Ames.....	June 28	3,000
Poesy lake.....	Hudson and Rollin.....	Wm. Montgomery.....	June 28	6,000
Kelley lake.....	Medina.....	W. N. Derryshire.....	June 28	4,500
Fisher's lake.....	Medina.....	James B. Thorn.....	June 28	3,000
K. mill pond.....	Hudson.....	James B. Thorn.....	June 28	4,500
Addison mill pond.....	Woodstock.....	C. A. Sweezy.....	June 28	7,500

Large Mouth Bass Fry, 1907.—Concluded.

County and name of water.	Township.	Depositor.	Date.	Number.
<b>Meecosta county:</b>				
Gingrich lake.....	Wheatland.....	P. J. Theisen.....	June 27	6,000
Lake Twenty-eight.....	Sheridan.....	P. J. Theisen.....	June 27	6,000
Big Evans lake.....	Chippewa.....	M. W. Nichols.....	June 27	4,000
Boom lake.....	Martiny.....	M. W. Nichols.....	June 27	4,000
Blue lake.....	Martiny and Morton.....	B. S. Henry.....	June 27	4,000
Horsehead lake.....	Martiny.....	B. S. Henry.....	June 27	4,000
Lake No. 6.....	Morton.....	Dr. G. H. Dilworth.....	June 27	4,000
Chippewa lake.....	Chippewa.....	C. L. Grant, P. M.....	June 27	6,000
Colby lake.....	Colfax.....	Joseph Zimmer.....	June 27	4,000
Cook lake.....	Colfax.....	Joseph Zimmer.....	June 27	4,000
Clear lake.....	Colfax.....	A. V. Young.....	June 15	4,000
<b>Montcalm county:</b>				
Wood lake.....	Pierson.....	P. H. McMullen.....	June 28	4,000
Long lake.....	W. side Pine township.....	J. P. Paulson.....	June 28	6,000
<b>Muskegon county:</b>				
Bear lake.....	Laketon.....	E. D. Magoon.....	July 3	6,000
Lake Harbor.....	Morton.....	E. D. Magoon.....	July 3	6,000
Little Black lake.....	Morton.....	E. D. Magoon.....	July 3	6,000
<b>Oakland county:</b>				
Bush lake.....	Independence and Springfield.....	A. K. Edgar.....	June 24	6,000
Lotus lake.....	Waterford.....	C. W. Hunt.....	June 24	6,000
Sylvan lake.....	Waterford.....	Fisher Brothers.....	June 25	8,000
Orchard lake.....	West Bloomfield.....	F. S. Campbell.....	June 25	8,000
Union lake.....	West Bloomfield & Commerce.....	Chas. M. Van Buskirk.....	June 27	8,000
Black Walnut lake.....	West Bloomfield.....	John R. Miller.....	June 27	8,000
Morrison lake.....	Commerce.....	T. H. Padley.....	June 29	8,000
Long or Porter lake.....	White Lake.....	T. H. Padley.....	June 29	8,000
Kent lake.....	Milford.....	T. H. Padley.....	June 29	6,000
Petton pond.....	Milford.....	T. H. Padley.....	June 29	4,000
Silver lake.....	Milford.....	T. H. Padley.....	June 29	4,000
Roe lake.....	Highland.....	Harry Glendinning.....	June 29	6,000
McWethly lake.....	White Lake.....	Henry McWethly.....	June 29	6,000
Moore lake.....	Milford.....	R. S. Potts.....	June 29	4,000
<b>Ottawa county:</b>				
Crockery lake.....	Chester.....	Dr. E. O. Cilley.....	July 3	4,000
<b>Van Buren county:</b>				
Round lake.....	Keeler.....	Wm. O. Pratt.....	June 29	6,000
Rush lake.....	Hartford.....	Wm. A. Palmer.....	June 29	4,000
Van Auker's lake.....	Bangor.....	Wm. A. Palmer.....	June 29	6,000
<b>Total.....</b>				<b>446,000</b>



Large Mouth Bass Fingerling Plants, Nos. 1, 2 and 3, 1907.—Continued.

County and name of water.	Township.	Depositor.	Date.	Number
Mackinaw county:				
Brevort lake.....	Brevort and Moran.....	Harry H. Ryerson.....	Aug. 6	600
Marquette county:				
Montcalm lake.....	Powell.....	J. E. Burtless.....	Aug. 6	450
Reed lake.....	Marquette.....	J. E. Burtless.....	Aug. 6	300
Fine lake No. 3.....	Powell.....	J. E. Burtless.....	Aug. 6	450
Fine lake No. 2.....	Powell.....	J. E. Burtless.....	Aug. 6	300
Fine lake No. 1.....	Powell.....	J. E. Burtless.....	Aug. 6	450
Lake Independence.....	Powell.....	J. E. Burtless.....	Aug. 6	450
Milwaukee lake.....	Republic.....	B. Benagston.....	Aug. 6	450
K. C. Lake.....	Republic.....	C. W. Munson.....	Aug. 6	450
Echo lake.....	Forsyth.....	Chas. E. Sporley.....	Aug. 6	450
Bass lake.....	Tilden.....	W. E. Wells.....	Aug. 7	450
Mason county:				
Gun lake.....	Freesoil.....	Thos. S. Stephens.....	July 16	3,000
Pere Marquette lake.....	Pere Marquette.....	C. Hagerman.....	July 16	4,000
Hamlin or Sable lake.....	Hamlin.....	M. Livy Agens.....	July 16	3,000
Long lake.....	Branch.....	W. B. Randall.....	July 16	3,000
Mecosta county:				
House lake.....	Green.....	J. P. Marks.....	July 1	3,000
Pine lake.....	Wheatland.....	J. M. Swisher.....	Aug. 17	400
Missaukee county:				
Lake Missaukee.....	Lake.....	Geo. W. Wood.....	July 1	3,000
Dyer lake.....	Caldwell.....	Geo. W. Wood.....	July 1	2,000
Muskegon county:				
Crooked lake.....		S. L. Skeels.....	Aug. 10	600
Oakland county:				
White lake.....	Highland & White Lake.....	F. S. Hubball.....	July 5	6,000
Pine lake.....	West Bloomfield.....	Geo. L. McGregor.....	July 6	3,000
Cass lake.....	West Bloomfield.....	John Tyre.....	July 6	4,000
Winn lake.....	Bloomfield.....	J. H. Bortle.....	July 11	1,000
Birmingham mill pond.....	Bloomfield.....	J. H. Bortle.....	July 11	750
Long lake.....	Orion.....	W. A. Benjamin.....	July 31	450
Lake Orion.....	Orion.....	John Winter.....	July 31	600
Dollar lake.....	Orion.....	Delbert C. James.....	July 31	450
Minnie lake.....	Groveland.....	Frank Cuthbert.....	Aug. 10	500
Peer lake.....	Groveland.....	Frank Cuthbert.....	Aug. 10	500
Loon lake.....	Waterford.....	R. G. Shaw.....	Sept. 20	1,200
Big Crosby lake.....	Independence.....	R. E. Jossman.....	Sept. 20	750
Little Crosby lake.....	Independence.....	R. E. Jossman.....	Sept. 20	250
Watkins lake.....	Waterford.....	E. H. Stowell.....	Oct. 2	600
Loon lake.....	Waterford.....	Mich. Fish Com.....	Nov. 15	200
Otsego county:				
Martin's lake.....	Elmira.....	Wm. Weaver & Son.....	July 8	2,000
Ogemaw county:				
North lake.....	Cummings.....	Orlin R. Rakestraw.....	July 8	4,000
Lake Dove.....	Cummings.....	Chas. M. Stewart.....	July 8	3,000
George lake.....	Hill.....	Chas. M. Stewart.....	July 8	3,000
Big Au Sable lake.....	Goodar.....	Chas. M. Stewart.....	July 8	4,000
Rifle lake.....	Hill.....	Chas. M. Stewart.....	July 8	3,000
Indian lake.....	Rose.....	A. S. Rose.....	July 8	2,000
Cummings lake.....	Cumming.....	A. S. Rose.....	July 8	3,000
Elbow lake.....	Richland.....	Geo. Eymmer.....	July 18	2,000
Johnson lake.....	Richland.....	Geo. Eymmer.....	July 18	1,500
Ontonagon county:				
The Beaver Dams.....	Rockland.....	F. Hubbard & W. B. Jeffs.....	Aug. 7	450
Courtney lake.....		James E. Bower.....	Aug. 7	450
Osceola county:				
Diamond lake.....	Burdell.....	J. M. Perry.....	July 8	3,000
Oscoda county:				
Twin lakes.....	Big creek.....	Edman Woodrow.....	July 8	3,000
Ottawa county:				
Black lake or Macatawa bay.....	Holland.....	A. G. Tanner.....	June 29	5,000

Large Mouth Bass Fingerling Plants, 1907, Nos. 1, 2 and 3.—Concluded.

County and name of water.	Township.	Depositor.	Date.	Number.
Presque Isle county:				
Lake Ella.....	Belknap.....	H. Horwitz.....	July 9	3,000
Lost lake.....	Bismark.....	Arthur Bunton.....	July 9	4,000
Sanilac county:				
Black river.....	Lexington.....	C. J. Reynolds.....	Sept. 26	750
McGill's pond.....	Marlette.....	W. B. McGill.....	Sept. 27	300
Schoolcraft county:				
Gulliver lake.....	Doyle.....	W. R. Callaway.....	Aug. 6	450
Shiawassee county:				
Shiawassee river.....	Vernon.....	John Hazelton.....	July 6	4,000
St. Clair county:				
Belle river.....	Riley.....	T. W. McCall.....	Sept. 26	750
St. Joseph county:				
Clear lake.....	Fabius.....	Wendell Pulver.....	July 13	3,000
Howardsville pond.....	Flowerfield.....	Harvey Ayres.....	July 13	3,000
Portage lake.....	Mendon.....	Wm. Mehar.....	July 13	3,000
Fisher's lake.....	Park A. Lockport.....	Wm. Brokaw.....	July 13	3,000
Fisher lake.....	Park.....	F. Mendenhall.....	July 13	3,000
Corey lake.....	Fabius.....	E. B. Linsley.....	July 13	3,000
Tuscola county:				
Harmon lake.....	Dayton.....	Ed. D. Cartwright.....	Sept. 27	450
Pelps lake.....	Dayton.....	A. L. Phelps.....	Sept. 27	750
Washtenaw county:				
Bass lake.....	Webster and Hamburg.....	L. D. Alley.....	July 16	750
Tamarack lake.....	L. D. Alley.....	L. D. Alley.....	July 16	500
Gallagher lake.....	L. D. Alley.....	L. D. Alley.....	July 16	500
Huron river.....	L. D. Alley.....	L. D. Alley.....	July 16	500
Whitewood lake.....	Webster and Hamburg.....	L. D. Alley.....	July 16	1,000
Big and Little Portage lakes.....	Dexter.....	R. H. Killian.....	July 16	1,250
Crooked lake.....	Sylvan.....	J. G. Webster.....	July 16	1,000
Doll lake.....	Webster.....	John Doll.....	July 16	500
Murray lake.....	Superior.....	Henry J. Burrell.....	July 16	500
Raisin river.....	Deerfield.....	Chas. F. Greenfield.....	Sept. 20	450
Pleasant lake.....	Freedom.....	D. W. Schneider.....	Sept. 20	450
Iron lake.....	Manchester.....	A. J. Gall.....	Sept. 20	450
Wayne county:				
Coomer lake.....	Van Buren.....	A. E. Smith.....	July 5	4,000
Van Buren county:				
Crooked lake.....	Keeler.....	Marvin Defendorf.....	July 12	3,000
Round lake.....	Keeler.....	O. A. Gould.....	July 12	3,000
Southard's lake.....	Bangor.....	M. J. Smiley.....	July 18	1,000
Donovan's lake.....	Bangor.....	M. J. Smiley.....	July 18	1,000
Handy or Delz lake.....	Bangor.....	M. J. Smiley.....	July 18	1,000
Jephth lake.....	Bangor.....	M. J. Smiley.....	July 18	1,000
Scott lake.....	Columbia.....	R. A. Rouse.....	July 18	1,500
Saddle lake.....	Columbia & Arlington.....	Geo. H. Bigelow.....	July 18	2,000
Lake of the Woods.....	Columbia.....	A. B. Lyster.....	July 18	2,000
Lake Knickerbocker.....	Decatur.....	F. C. Stapleton.....	Aug. 7	600
Shaffer lake.....	Hamilton.....	C. H. Zimmerman.....	Aug. 7	200
Christie lake.....	Lawrence.....	C. H. Zimmerman.....	Aug. 7	400
Clear lake.....	Lawrence.....	C. H. Zimmerman.....	Aug. 7	400
	Pine Grove.....	Chester Wesler.....	Aug. 15	800
Total.....				322,250

## Large Mouth Bass Fry Plants, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Crawford county:</b>				
School Section lake.....	Graying.....	J. C. Burton & T. H. Glover.....	June 11	6,000
Sand Hill lake.....	Graying.....	J. C. Burton & T. H. Glover.....	June 12	4,000
May lake.....	Frederick.....	John D. Brown.....	June 12	4,000
Cedar lake.....	Frederick.....	John D. Brown.....	June 12	2,000
<b>Cheboygan county:</b>				
Silver lake.....	Wilmot.....	Geo. E. Danner.....	June 12	4,000
Douglas lake.....	Monroe.....	Jas. F. Holoney.....	June 12	6,000
Mullet lake.....	Burt.....	Ed. R. Bailey.....	June 12	4,000
Burt lake.....	Tuscarora.....	J. W. Lester.....	June 12	8,000
Round lake.....	Nunday.....	Wm. Shook.....	June 12	2,000
<b>Jackson county:</b>				
Clark's lake.....	Columbia.....	N. M. Terry.....	June 9	8,000
Ackerson lake.....	Napoleon.....	Thos. H. Williams.....	June 9	6,000
Michigan Centre pond.....	Leon.....	Geo. E. Beebe.....	June 9	8,000
Cranberry lake.....	Napoleon.....	Geo. E. Beebe.....	June 9	4,000
Vandercook's lake.....	Summit.....	Geo. E. Beebe.....	June 9	4,000
Brown's lake.....	Summit.....	Geo. E. Beebe.....	June 9	4,000
Brill's lake.....	Leon.....	Geo. E. Beebe.....	June 9	4,000
Portage lake.....	Leon and Waterloo.....	Geo. E. Beebe.....	June 9	6,000
Spring Arbor lake.....	Spring Arbor.....	Geo. E. Beebe.....	June 9	4,000
<b>Lapeer county:</b>				
Jenness lake.....	Attica.....	Fred Harrison.....	June 16	7,500
Mill pond.....	Lapeer.....	E. J. Thresher.....	June 16	3,000
Spear's lake.....	Oregon.....	E. J. Thresher.....	June 16	3,000
Nepissing lake.....	Elba.....	E. J. Thresher.....	June 16	3,000
Middle lake.....	Elba.....	E. J. Thresher.....	June 16	3,000
Mille's lake.....	Mayfield.....	E. J. Thresher.....	June 16	3,000
Edmond's lake.....	Lapeer.....	E. J. Thresher.....	June 16	4,500
Stanton lake.....	Arcadia.....	E. J. Thresher.....	June 16	3,000
Lum ponds.....	Arcadia.....	E. J. Thresher.....	June 16	4,500
Skinner lake.....	Oregon.....	E. J. Thresher.....	June 16	3,000
Bronson lake.....	Oregon.....	E. J. Thresher.....	June 16	3,000
<b>Livingston county:</b>				
Bass lake.....	Unadilla & Putnam.....	F. G. Marshall.....	June 6	4,000
Williamsville lake.....	Unadilla.....	F. G. Marshall.....	June 6	4,000
Peterson lake.....	Putnam.....	F. G. Marshall.....	June 6	4,000
Williamsville lake.....	Unadilla.....	Eugene Foster.....	June 6	4,000
Long lake.....	Hartland.....	H. S. Holdridge.....	June 13	4,500
<b>Oakland county:</b>				
Howlett lake.....	Waterford.....	Joseph H. Thorpe.....	June 6	6,000
Sylvan lake.....	Waterford.....	Fisher Brothers.....	June 11	8,000
Minnie lake.....	Groveland.....	Frank Cuthbert.....	June 13	3,000
Peer lake.....	Groveland.....	Frank Cuthbert.....	June 13	3,000
Sears lake.....	Milford.....	F. B. Hatch.....	June 13	4,500
Pettibone lake.....	Highland.....	F. B. Hatch.....	June 13	3,000
Andrus lake.....	Highland and Hartland.....	H. S. Holdridge.....	June 13	4,500
Moore's lake.....	Milford.....	R. S. Potts.....	June 13	4,500
Kent lake.....	Milford.....	T. H. Padley.....	June 13	3,000
Pettes pond.....	Milford.....	T. H. Padley.....	June 13	4,500
Long lake or Porter.....	White Lake.....	T. H. Padley.....	June 13	4,500
Bass lake.....	Commerce.....	T. H. Padley.....	June 13	1,500
Norton creek.....	Commerce and Milford.....	T. H. Padley.....	June 13	3,000
Huron river below dam.....	Milford.....	T. H. Padley.....	June 13	4,500
Brick and Robson lakes.....	Milford.....	W. L. Robson.....	June 13	3,000
Stepple Hill lake.....	White Lake.....	Tom Forbes.....	June 13	4,500
Ox Bow lake.....	White Lake.....	Henry McWithey.....	June 13	3,000
<b>Ogemaw county:</b>				
Crapo lake.....	West Branch.....	John Tolfree.....	June 11	4,000
Edwards lake.....	Edwards.....	John Tolfree.....	June 11	4,000
Sidney lake.....	West Branch.....	John Tolfree.....	June 11	4,000
Frost lake.....	Edwards.....	John Tolfree.....	June 11	4,000
George lake.....	Edwards and Horton.....	John Tolfree.....	June 11	4,000
Sage lake.....	Klacking.....	Albert L. Brown.....	June 11	2,000
Horseshoe lake.....	Beaver Lake.....	Albert L. Brown.....	June 11	2,000
Clear lake.....	Beaver Lake.....	Albert L. Brown.....	June 11	6,000
Mud lake.....	Beaver Lake.....	Albert L. Brown.....	June 11	4,000
Tamarack lake.....	Klacking.....	Albert L. Brown.....	June 11	4,000

## Large Mouth Bass Fry Plants, 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Otsego county:</b>				
Hardwood lake.....	32-1 W.....	C. E. Cornwell.....	June 12	4,000
Five lakes.....	Livingston.....	Walter L. Savage.....	June 12	8,000
Otsego lake.....	Otsego Lake.....	E. B. Bolton.....	June 12	14,000
<b>Roscommon county:</b>				
Houghton lake.....	Severl.....	Wm. Gushard.....	June 11	20,000
Campbell's lake.....	Nestor.....	John Tolfree.....	June 11	4,000
<b>Washtenaw county:</b>				
Bruin lake.....	Lyndon.....	Elmer Reason.....	June 6	6,000
South lake.....	Lyndon.....	A. B. Skidmore.....	June 6	6,000
Strawberry lake.....	Green Oak and others.....	Theo. L. Prochnow.....	June 6	6,000
Whitmore lake.....	Northfield.....	Theo. L. Prochnow.....	June 6	4,000
Horseshoe lake.....	Northfield.....	Theo. L. Prochnow.....	June 6	4,000
Independence lake.....	Webster.....	Theo. L. Prochnow.....	June 6	4,000
Bruin lake.....	Lyndon.....	F. G. Marshall.....	June 6	4,000
Joslin lake.....	Lyndon.....	S. A. Palmer.....	June 9	6,000
Blind lake.....	Lyndon.....	W. H. Tyler.....	June 9	4,000
<b>Total.....</b>				<b>349,000</b>

## Large Mouth Bass Advanced Fry Plants, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Allegan county:</b>				
Reed's lake.....	Trowbridge.....	C. N. McDuffie.....	June 19	4,000
Peck lake.....	Monterey.....	O. B. Shauding.....	June 19	6,000
Whitmore lake.....	Monterey.....	Fred Maurer.....	June 19	4,000
Dumont lake.....	Monterey.....	George Liechi.....	June 19	6,000
Miner lake.....	Allegan.....	H. V. Streeter.....	June 19	8,000
<b>Antrim county:</b>				
Skinner lake.....	Banks.....	Wm. Slough.....	June 13	6,000
St. Clair river and Mobil lake.....	Banks.....	L. Van Skiver.....	June 13	8,000
Lime lake.....	Banks.....	W. A. Boss.....	June 13	4,000
Hanley lake.....	Central Lake.....	W. S. Richardson.....	June 13	6,000
Central lake.....	Central Lake.....	W. S. Richardson.....	June 13	8,000
<b>Barry county:</b>				
Pine lake.....	Hope.....	D. P. Karns.....	June 9	4,000
Horsehoe lake.....	Hope.....	Mrs. Minerva Jones.....	June 9	6,000
Mud lake.....	Hope.....	Ovid Chamberlain.....	June 9	6,000
Gurnsey lake.....	Yankee Springs.....	W. J. Kealey.....	June 9	6,000
Fair lake.....	Barry.....	W. J. Kealey.....	June 9	8,000
Wall lake.....	Hope.....	W. J. Kealey.....	June 9	6,000
Little Dong lake.....	Traverseville.....	W. J. Kealey.....	June 9	6,000
Carr lake.....	Sunfield and Woodland.....	John Haynes.....	June 9	4,000
Saddleback lake.....	Sunfield and Woodland.....	F. F. Hilbert.....	June 9	6,000
<b>Branch county:</b>				
North, South, Randall, Morrison, Craig and Bennett lakes.....	Coldwater.....	F. F. Tappan.....	June 13	30,000
Marble lake.....	Quincy.....	C. A. Bishop.....	June 13	10,000
Bennett lake.....	Quincy and Algoma.....	Frank Seaberry.....	June 13	6,000
<b>Eaton county:</b>				
Carr lake.....	Sunfield.....	D. S. England.....	June 9	4,000
Round lake.....	Sunfield.....	D. S. England.....	June 9	4,000
<b>Charlevoix county:</b>				
Susan lake.....	Hayes.....	Frank Chaloupka.....	June 13	8,000
<b>Grand Traverse county:</b>				
Spider lake.....	East Bay.....	H. D. Alley.....	June 12	6,000
Silver lake.....	Garfield and Blair.....	H. D. Alley.....	June 12	6,000
Crooked lake.....	East Bay.....	H. D. Alley.....	June 12	6,000
Green lake.....	Green Lake.....	H. H. Olds.....	June 12	8,000
Duck lake.....	Green Lake.....	W. Pennington.....	June 12	8,000
<b>Ionia county:</b>				
Ravel's pond.....	Ionia.....	Frank E. Condon.....	June 3	6,000
Huhn's pond.....	Boston.....	John Wallington.....	June 11	4,000
Peck lake.....	Berlin.....	John Wallington.....	June 11	4,000
Walter's pond.....	Boston.....	John Wallington.....	June 11	4,000
Morrison lake.....	Boston.....	John Wallington.....	June 11	8,000
<b>Kalamazoo county:</b>				
Rawson's or Barton's lake.....	Schoolcraft.....	Thomas Hewett.....	July 31	8,000
<b>Kent county:</b>				
Munn pond.....	Algoma.....	E. W. Bratt.....	June 3	4,000
Bradley's pond.....	Courtland.....	E. W. Bratt.....	June 3	4,000
Chapin lake.....	Oakfield and Grattan.....	W. S. Lambertson.....	June 3	6,000
Long lake.....	Solon.....	C. S. Parks.....	June 6	6,000
Round lake.....	Solon.....	C. S. Parks.....	June 6	4,000
Camp lake.....	Algoma.....	A. P. Irish.....	June 12	6,000
Stephenson lake.....	Alpine.....	C. Crawford.....	June 12	6,000
Reed's and Fish lakes.....	Grand Rapids.....	L. J. De Lamarter.....	June 12	16,000
Sullivan lake.....	Walker.....	Timothy O'Sullivan.....	June 13	8,000
<b>Lake county:</b>				
Little Star, West and Whelan lakes.....	Webber.....	H. W. Davis.....	June 12	12,000
"L" and Crandall lakes (connected).....	Pleasant Plains.....	H. W. Davis.....	June 12	6,000
"L" lake.....	Pleasant Plains.....	H. W. Davis.....	June 12	4,000
Switzer lake.....	Cherry Valley.....	C. Hagerman.....	June 12	4,000
Crooked lake.....	Cherry Valley.....	C. Hagerman.....	June 12	6,000
Watermill lake.....	Pleasant Plains.....	C. Hagerman.....	June 12	6,000
Wolf or Round lake.....	Webber.....	Harley Bartlett.....	June 12	6,000
Big Bass lake.....	Elk.....	William P. Jones.....	June 12	6,000
Big lake.....	Elk.....	Wm. Utter.....	June 12	4,000

## Large Mouth Bass Advanced Fry Plants, 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Lake county.—Continued.</b>				
Utter lake.....	Elk.....	Wm. Utter.....	June 12	6,000
East lake.....	Elk.....	Wm. Utter.....	June 12	6,000
Quick's lake.....	Elk.....	J. A. Robertson.....	June 12	4,000
Elbow lake.....	Elk.....	Jack Harley.....	June 12	6,000
Reed's lake.....	Grant.....	Wm. R. Clark.....	June 12	4,000
Lincoln lake.....	Elk.....	Wm. R. Clark.....	June 12	6,000
<b>Leelanau county:</b>				
Cedar lake.....	Elmwood.....	H. D. Alley.....	June 12	6,000
<b>Manistee county:</b>				
Clover lake.....	Pleasanton.....	F. L. Glover.....	June 12	4,000
Healy lake.....	Springdale.....	Frank E. Burke.....	June 12	4,000
<b>Mason county:</b>				
Pickeral lake.....	Freesoil.....	Thos. E. Stevens.....	June 12	4,000
Round lake.....	Sheridan.....	E. Jaeger.....	June 12	6,000
Tallman lake.....	Branch.....	J. M. Willis.....	June 12	6,000
Pere Marquette river.....	Pere Marquette.....	C. Hagerman.....	June 12	16,000
Hamlin lake.....	Hamlin and Victory.....	C. Hagerman.....	June 12	10,000
<b>Mecosta county:</b>				
Town Line lake.....	Colfax and Big Rapids.....	S. A. Crandall.....	June 6	4,000
Pickeral lake.....	Colfax and Grant.....	W. F. Dodge.....	June 6	6,000
Mud lake.....	Colfax.....	E. W. Hudnutt.....	June 6	6,000
Rogers Dam pond.....	Mecosta and others.....	M. E. Darragh.....	June 6	6,000
Pretty lake.....	Martiny.....	E. C. Lewis.....	July 30	2,000
<b>Montcalm county:</b>				
West Ingram lakes.....	Pine.....	C. W. Vining.....	June 4	6,000
Town Line lake.....	Cato and Belvidere.....	C. W. Vining.....	June 4	6,000
Tamarack lake.....	Cato.....	C. W. Vining.....	June 4	6,000
<b>Muskegon county:</b>				
Clear lake.....	Cedar Creek.....	Stephen Skeels.....	June 4	4,000
Crooked lake.....	Holt.....	Stephen Skeels.....	June 6	4,000
North Twin lake.....	Dalton.....	Robert Furman.....	June 6	6,000
West Twin lake.....	Dalton.....	Robert Furman.....	June 6	6,000
Wolf lake.....	Eggleston.....	Bolen and Stewart.....	June 8	4,000
Little Blue lake.....	Blue lake.....	T. E. Rowley.....	June 8	6,000
Duck lake.....	Fruitland.....	Geo. M. Duran.....	June 8	6,000
White lake.....	White river & Montague.....	White Lake Yacht Club.....	June 8	6,000
Oberhall lake.....	Casnovia.....	Arthur Thomas.....	June 12	6,000
Trent mill pond.....	Casnovia.....	Arthur Thomas.....	June 12	4,000
<b>Newaygo county:</b>				
Sand lake.....	Ashland.....	Allen J. Titus.....	June 6	6,000
Fourth lake.....	Dayton.....	Evans and Holt.....	June 6	6,000
Long lake.....	Sherman.....	John A. Grant.....	June 6	6,000
Pickeral lake.....	Garfield.....	A. I. Forman.....	June 12	6,000
Little Brooks lake.....	Brooks.....	Marvin Whitmore.....	June 12	6,000
Big Brooks lake or Hess lake.....	Brooks.....	Marvin Whitmore.....	June 12	6,000
Diamond lake.....	Lincoln.....	Capt. W. H. Bigelow.....	June 12	6,000
Indian lake.....	Monroe.....	Jens Larsen.....	June 12	4,000
Star lake.....	Star lake.....	J. J. Alderson.....	June 12	6,000
Pickeral lake.....	Home.....	H. Toneray.....	June 12	4,000
<b>Oceana county:</b>				
Noble's lake.....	Greenwood.....	H. S. Rhoads.....	June 6	4,000
Round lake.....	Golden.....	E. A. Post.....	June 8	4,000
Morris lake.....	Golden.....	E. A. Post.....	June 8	4,000
Homer lake.....	Benona.....	E. A. Post.....	June 8	4,000
Silver lake.....	Golden.....	E. A. Post.....	June 8	6,000
Crystal lake.....	Hart and Shelby.....	E. A. Post.....	June 8	6,000
Silver lake.....	Golden.....	H. S. Newton.....	June 8	6,000
<b>St. Joseph county:</b>				
Fish lake.....	Burr Oak.....	Wm. H. Bordner.....	June 13	6,000
Hawkins lake.....	Burr Oak.....	Wm. H. Bordner.....	June 13	6,000
Long lake.....	Colon.....	C. A. Boyer.....	June 13	6,000
<b>Van Buren county:</b>				
Chrisher lake.....	Lawrence.....	C. R. Miller.....	June 5	8,000
Lake Cora.....	Paw Paw.....	Clarence L. Fox.....	June 5	8,000
<b>Total.....</b>				<b>662,000</b>

## Large Mouth Bass Plants, Fingerlings, No. 1, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
Alcona county: Hubbard lake.....	Partly in four townships..	John Macgregor.....	June 18	5,000
Allegan county: Lake Sixteen.....	Martin.....	W. F. Kimball.....	June 17	2,000
Alpena county: Long lake.....	Alpena and others.....	John Beck.....	June 18	4,000
Barry county: Ellis lake.....	Assyria.....	Taylor Walker.....	June 24	3,000
Clear lake.....	Baltimore.....	Frank Elerton.....	June 24	4,000
Thornapple lake.....	Castleton.....	Wm. Irland.....	June 24	3,000
Long lake.....	Maple Grove.....	Albert Hecox.....	June 24	2,000
Benzie county: Herring lake.....	Blaine.....	Ben Little.....	June 19	5,000
Upper and Lower Herron lakes.....	Blaine and Gilmore.....	Little & Giddis.....	June 19	5,000
Crystal lake.....	Crystal Lake.....	J. J. Kirby.....	June 19	5,000
Heather lake.....	Almira.....	Wm. E. C. McGowan.....	June 20	5,000
Vallau.....	Almira.....	N. L. Lake.....	June 20	2,000
Bryan lake.....	Almira.....	M. L. Lake.....	June 20	4,000
Lake Ann.....	Almira.....	Leo E. Habbeler.....	June 20	2,000
Charboneau lake.....	Almira.....	Daniel S. Willard.....	June 20	3,000
Manwarren lake.....	Almira.....	Daniel S. Willard.....	June 20	3,000
Branch county: Quaker lake.....	Butler.....	L. C. Feighner.....	June 24	3,000
Vincet lake.....	Girard.....	Henry Phelps.....	July 9	1,500
Calhoun county: Ceresco pond.....	Marshall.....	Henry Lehman.....	June 19	4,000
Big Nottawassee lake.....	Tekonsha.....	F. G. Seaman.....	June 26	3,000
Little Nottawassee lake.....	Fredonia.....	F. G. Seaman.....	June 26	2,000
Pardee lake.....	Fredonia.....	F. G. Seaman.....	June 26	3,000
Squaw lake.....	Fredonia.....	F. G. Seaman.....	June 26	2,000
Cedar lake.....	Fredonia.....	F. G. Seaman.....	June 26	3,000
Maynard lake.....	Fredonia.....	F. G. Seaman.....	June 26	3,000
Long lake.....	Fredonia.....	F. G. Seaman.....	June 26	3,000
Lake Goguae.....	Battle Creek.....	E. H. Decker.....	June 26	3,000
Steamburg lake.....	Leroy.....	Geo. F. Neale.....	June 26	3,000
Homer lake.....	Homer and Clarendon.....	Ross B. De Bow.....	June 26	3,000
Shedd Lake West.....	Tekonsha.....	E. Sinclair.....	July 9	1,500
Cass county: Mud lake.....	Marcellus.....	F. L. Ohs.....	June 17	2,000
Kirk's lake.....	Penn and Newberry.....	H. H. Roth.....	June 17	3,000
Birch lake.....	Porter.....	H. H. Roth.....	June 17	3,000
Skyhawk lake.....	Marcellus.....	C. S. Jones.....	June 17	3,000
Miller lake.....	Marcellus.....	C. S. Jones.....	June 17	2,000
Big Fish lake.....	Marcellus.....	C. S. Jones.....	June 17	3,000
Saddlebag lake.....	Volinia and Marcellus.....	C. S. Jones.....	June 17	3,000
Bunker lake.....	Elbel Brothers.....	Thomas T. Higgins.....	July 9	1,500
South part Goose lake.....	Jefferson.....	Thomas T. Higgins.....	July 9	1,500
Bear lake.....	Newberg and Porter.....	Fred Marsh.....	July 9	1,500
Driscoll lake.....	Newberg.....	Fred Marsh.....	July 9	1,500
Charlevoix county: Walloon lake.....	Melrose & Evangeline.....	J. W. Hunter.....	July 8	2,000
Clare county: Arnold lake.....	Hayes.....	F. Weatherhead.....	June 23	3,000
McWatty lake.....	Hayes.....	E. F. Wilson.....	June 23	2,000
Budd lake.....	Hayes.....	E. F. Wilson.....	June 23	4,000
Bass lake.....	Arthur.....	A. M. Malone.....	June 23	2,000
Fisher lake.....	Hatton.....	Lem J. Johnson.....	June 23	2,000
Brennan lake and Beebe lake.....	Arthur and Hatton.....	W. C. Cornwall.....	June 23	4,000
Dewey lake.....	Grant.....	F. C. Sanford.....	June 23	3,000
Crooked lake.....	Garfield.....	Joseph Siemann.....	June 23	5,000
Clinton county: Round lake.....	Victor.....	H. V. Shover.....	June 24	3,000
Eaton county: Lacey's lake.....	Kalamo.....	E. R. Boyles.....	June 24	3,000
Grand river.....	Windsor.....	E. C. Sibley.....	June 24	3,000
Narrow or Long lake.....	Brookfield.....	Garry C. Fox.....	June 24	4,000

## Large Mouth Bass Plants, Fingerlings, No. 1, 1908.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
Genesee county: Schinogaw lake.....	Atlas.....	Albert Brosins.....	June 23	2,000
Grand Traverse county: Fuller lake.....	Fife lake.....	J. V. Wright.....	June 18	3,000
Ingham county: Hunton lake.....	Leslie.....	Will Vicary.....	June 24	2,000
Dobie lake.....	Alaiedon.....	C. A. Button.....	June 24	2,000
Iosco county: Sand lake.....	Grant.....	J. A. Jackson.....	June 18	4,000
Indian lake.....	Plainfield.....	C. W. Luce.....	June 18	7,000
Van Elten lake.....	Oscoda.....	Fred H. Loud.....	June 18	5,000
Loon lake.....	Plainfield.....	Elmon F. Bills.....	June 19	3,000
Long lake.....	Plainfield.....	A. H. Phinney.....	June 19	5,000
Jackson county: Tompkins mill pond.....	Tompkins.....	Harry L. Woodard.....	June 24	3,000
Kalamazoo county: Austin lake.....	Portage.....	Wm. H. Johnson.....	June 17	3,000
Gull lake.....	Richland and Ross.....	Landlord Chipman.....	June 19	4,000
Kent county: Sand lake.....	Nelson and Pierson.....	J. F. McCarthy.....	June 18	3,000
Thorapple river.....	Ada.....	Theo. Lampert.....	July 2	2,000
Leelanau county: Lake Leelanau.....		Martin Brown.....	June 20	5,000
Livingston county: Indian lake or lakes.....	Deerfield.....	Chas. E. Nichols.....	June 30	2,500
Zukey lake.....	Green Oak.....	Theo. L. Prochnow.....	June 30	1,500
Silver lake.....	Hamburg.....	M. R. Bennett and T. J. Rice.....	June 30	1,500
Manistee county: Bear lake.....	Bear Lake & Pleasanton.....	L. D. Shirliff.....	June 20	4,000
Mecosta county: Clear lake.....	Colfax.....	Lakewood Park Ass'n.....	June 18	4,000
Muskegon county: Half Moon lake.....	Casnovia.....	Geo. C. Bratt.....	June 30	3,000
Onkand county: Mountain View lake.....	Bloomfield.....	J. C. Haynes.....	June 17	6,000
Winn lake.....	Bloomfield.....	J. H. Bortle.....	June 25	1,500
Birmingham mill pond.....	Bloomfield.....	J. H. Bortle.....	June 25	1,500
Galloway lake.....	Pontiac.....	David A. Suttie.....	June 25	1,500
Cass lake.....	West Bloomfield.....	John Tyre.....	June 25	2,500
Pear lake.....	Groveland.....	Ray B. Johnson.....	June 25	500
Little Fish lake.....	Groveland.....	Ray B. Johnson.....	June 25	1,000
Kirby lake.....	Springfield.....	C. S. Longacre.....	June 25	1,000
Deer lake.....	Independence.....	C. R. Lambert.....	June 25	2,000
Deer lake.....	Independence.....	Oliver N. Gardner.....	June 26	2,000
Lake Elizabeth.....	Waterford.....	A. L. Moore.....	June 27	3,000
Ogemaw county: Sage lake.....	Hill.....	Chas. E. Kenyon.....	June 19	5,000
Prieur lake.....	Klacking.....	Joseph Schneider.....	June 19	2,000
Oscoda county: Blackberry lake.....	Sherman.....	John Eggle.....	June 18	2,000
Diamond lake.....	Burdell.....	J. M. Perry.....	June 18	3,000
Oscoda county: McGraw's lake.....	Mentor.....	J. Willis McGraw.....	June 19	2,000
Long lake.....	Mentor.....	R. M. Olin.....	June 19	4,000
St. Joseph county: Lewis lake.....	Flowerfield & Marcellus.....	S. J. Andrus.....	June 17	3,000
Klinger lake.....	White Pigeon.....	Henry Howard.....	June 24	3,000



## Large Mouth Bass Plants, Fingerlings, No. 1, 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
Van Buren county:				
Lake 14.....	Columbia.....	W. E. Grimes.....	June 27	3,000
Base Line lake.....	Geneva.....	W. E. Grimes.....	June 27	2,000
Wexford county:				
Stone Ledge lake.....	Clam Lake.....	John Eggle.....	June 18	4,000
Lake Cadillac.....	Clam Lake.....	N. V. Gerrish.....	June 18	4,000
Lake Mitchell.....	Cherry Grove.....	N. V. Gerrish.....	June 18	4,000
Total.....				293,500

## Large Mouth Bass Plants, Fingerlings, No. 2, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
Allegan county:				
Upper Scott lake.....	Lee.....	S. E. Phillips.....	July 29	750
Lower Scott lake.....	Lee.....	S. E. Phillips.....	July 29	750
Berrien county:				
Maddren lake.....	Buchanan.....	Chas. J. McCracken.....	Sept. 3	375
Coalney lake.....	Buchanan.....	Chas. J. McCracken.....	Sept. 3	375
Calhoun county:				
Whitcomb lake.....	Homer.....	C. Riblet.....	July 18	600
Cass county:				
Gray lake.....	Jefferson.....	F. C. Gardner.....	July 17	750
Eaton county:				
Pine lake.....	Walton.....	John A. Downer.....	July 21	750
Genesee county:				
Long lake.....	Fenton.....	Clifford A. Bishop.....	July 27	800
Long lake.....	Fenton.....	Geo. F. Brown.....	July 27	1,000
Hillsdale county:				
Baw Beess lake.....	Cambria.....	W. C. Kemp.....	July 8	1,000
Sand lake.....	Hillsdale.....	W. C. Kemp.....	July 8	1,000
Hemlock lake.....	Reading.....	H. E. Warner.....	July 8	750
Hamlen's lake.....	Hillsdale.....	M. F. Morgan.....	July 8	750
Mallory lake.....	Pittsford.....	L. J. Niblack.....	July 22	400
Lime lake.....	Wright.....	L. W. Palmer.....	July 22	600
Ingham county:				
Pine lake.....	Meridian.....	E. V. Chilson.....	July 10	750
Ionia county:				
Long lake.....	Orleans.....	W. F. Bricker.....	July 28	750
Ipswich county:				
Riley lake.....	Nottaway.....	Robt. Hyslop.....	July 20	750
Scott lake.....	Nottaway.....	Robt. Hyslop.....	July 20	750
Hall's lake.....	Broomfield.....	J. M. Swisher.....	Aug. 1	750
Jackson county:				
Wolf lake.....	Napoleon.....	H. B. Crozier.....	July 7	1,000
Stoney lake.....	Napoleon.....	M. E. Russell.....	July 7	500
Fay lake.....	Norvell.....	Wm. F. Walker.....	July 7	750
Sweezy lake.....	Norvell.....	F. W. Schofield.....	July 7	750
Sutlin lake.....	Liberty.....	Gifford Patch.....	July 8	750
Grand lake.....	Liberty.....	George Daniels.....	July 8	500
Fox lake.....	Hanover.....	A. B. Sanderson.....	July 10	500
Horseshoe lake.....	Hanover.....	F. M. Kennedy.....	July 10	500
Mud lake.....	Hanover.....	C. J. Van Schoick.....	July 10	750
Round lake.....	Liberty.....	C. J. Van Schoick.....	July 10	750
Swan's lake.....	Pulaski.....	Frank W. McKenzie.....	July 18	600
Artificial lake.....	Jackson.....	Hon. Wm. W. Todd.....	July 18	400
Deep lake.....	Waterloo.....	C. R. Smith.....	July 18	600
Kent county:				
Pine Island lake.....	Plainfield.....	C. H. Bissonette.....	July 19	600
Wabosis lake.....	Oakfield.....	Geo. G. Crawford.....	July 28	500
Cranmore's long lake.....	Oakfield.....	Geo. G. Crawford.....	July 28	500
Pine Island lake.....	Plainfield.....	F. E. Snyder.....	Oct. 6	800
Leelanau county:				
Glen lake.....	Glen Arbor.....	D. H. Day.....	Sept. 18	600
South and North Bar lakes.....	Empire.....	E. R. Dailey.....	Sept. 18	300
Lenawee county:				
Evans lake.....	Franklin.....	Geo. DePuy.....	July 7	750
Allen's lake.....	Cambridge.....	E. D. Kerr.....	July 10	500
Wolf lake.....	Cambridge.....	E. D. Kerr.....	July 10	750
Wampler's lake.....	Cambridge and Norvell.....	W. W. Crabbs.....	July 10	1,250
Sand lake.....	Franklin.....	C. L. Gates.....	July 10	1,000
Dewey lake.....	Medina.....	James B. Thorn.....	July 22	400
Posey lake.....	Hudson and Rollin.....	H. W. Hoban.....	July 22	400
Horseshoe lake.....	Rollin.....	Wm. Pomeroy.....	July 22	400
Silver lake.....	Woodstock.....	W. H. Harris.....	July 22	600
Round lake.....	Rollin.....	W. E. Alchin.....	July 22	600
Devil's lake.....	Rollin and Woodstock.....	W. J. Hampton & Son.....	July 22	1,000
Brownell's lake.....	Rollin.....	Fred A. Binns.....	July 22	400

## Large Mouth Bass Plants, Fingerlings, No. 2, 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Meosota county:</b>				
Bissell's lake.....	Hinton.....	C. W. Vining.....	July 27	750
Pretty lake.....	Martiny.....	E. C. Lewis.....	July 30	400
Horsehead lake.....	Martiny.....	L. H. Percy.....	Aug. 1	1,000
School Section lake.....	Morton.....	Frank Shaler.....	Aug. 1	1,000
Pine lake.....	Wheatland.....	P. J. Theisen.....	Aug. 1	750
<b>Monroe county:</b>				
River Raisin.....	Monroe.....	T. R. Navarre.....	July 27	1,000
<b>Montcalm county:</b>				
Bass lake.....	Belvidere.....	C. W. Vining.....	July 27	750
Baldwin lake.....	Eureka.....	Chas. B. Rardon.....	July 28	750
<b>Newaygo county:</b>				
Lake Evans.....	Dayton.....	H. C. Buck.....	July 16	750
<b>Oakland county:</b>				
Park lake.....	Independence.....	J. D. Ogen.....	July 18	1,000
Mace Day lake.....	Waterford.....	H. O. Whitfield.....	July 21	1,000
Green lake.....	West Bloomfield.....	A. McCallum.....	July 23	800
Orehard lake.....	West Bloomfield.....	F. S. Campbell.....	July 23	800
Upper Straits lake.....	West Bloomfield.....	Chas. J. Chickmore.....	July 23	800
<b>Ottawa county:</b>				
Black lake or Macatawa bay.....	Holland.....	A. G. Tanner.....	July 15	1,000
<b>Tuscola county:</b>				
Frisbie's mill pond.....	Dayton.....	E. L. Shram.....	July 27	600
Phelps lake.....	Dayton.....	J. W. Shermerhorn.....	July 27	600
Phelps lake.....	Dayton.....	W. W. Mitchell.....	July 27	600
Harmon lake.....	Dayton.....	E. D. Cartwright.....	July 27	800
Cat lake.....	Dayton.....	Wm. Leach.....	July 27	800
<b>Van Buren county:</b>				
Saddle lake.....	Columbia.....	A. B. Lyster.....	July 18	600
Moon lake.....	Geneva.....	J. T. Tolles.....	July 18	750
Maple lake.....	Paw Paw and Antwerp.....	H. L. McNeil.....	July 29	750
Chrysler lake.....	Lawrence.....	Chas. Dane.....	Sept. 3	375
Taylor's lake.....	Lawrence.....	Chas. Dane.....	Sept. 3	375
Hall's lake.....	Lawrence.....	James L. Welch.....	Sept. 3	375
Carroll's lake.....	Arlington.....	James L. Welch.....	Sept. 3	375
Brandywine lake.....	Pine Grove.....	Carl Riess.....	Sept. 3	500
<b>Washtenaw county:</b>				
Arnold's lake.....	Lodi.....	Geo. Burkhart.....	July 8	750
Little Portage lake.....	Dexter.....	Hon. C. W. Newkirk.....	July 18	800
Silver lake.....	Dexter.....	B. E. Reynolds.....	July 18	600
Total.....				56,100

## Large Mouth Bass Plants, Fingerlings, No. 3, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Jackson county:</b>				
Pleasant lake.....	Henrietta.....	Chas. M. Norton.....	Aug. 18	800
Batteese lake.....	Henrietta.....	M. L. Campbell.....	Aug. 18	600
Berry lake.....	Summit.....	M. L. Campbell.....	Aug. 18	600
Peterson lake.....	Summit.....	C. M. Brown.....	Aug. 18	800
Reynolds lake.....	Concord.....	Max Grover.....	Aug. 18	1,000
<b>Kent county:</b>				
House's lake.....	Plainfield.....	Chas. House.....	Aug. 20	200
<b>Lake county:</b>				
Cool lake.....	Elk and North Range.....	Earl Fairbanks.....	Aug. 20	500
<b>Lapeer county:</b>				
Davison lake.....	Hadley.....	Alonso Baldwin.....	Aug. 4	600
Big Fish lake.....	Hadley.....	Alonso Baldwin.....	Aug. 4	600
Hemmingway's lake.....	Hadley.....	Pearl Green.....	Aug. 4	450
Hart's lake.....	Marathon.....	J. C. Mason.....	Aug. 4	300
Peck's lake.....	Attica.....	Mel Edwards.....	Aug. 13	800
Bass lake.....	Arcadia.....	Geo. M. Bowen.....	Aug. 13	800
Rose lake.....	Arcadia.....	A. D. Conley.....	Aug. 13	400
Goodrich lake.....	Arcadia.....	A. D. Conley.....	Aug. 13	800
Elk lake.....	Attica.....	John H. Brewer.....	Aug. 13	800
<b>Livingston county:</b>				
Sharp lake.....	Genoa.....	A. Sharp & Sons.....	Aug. 7	800
Crooked or Winegar lake.....	Geneva.....	A. Sharp & Sons.....	Aug. 7	800
<b>Macomb county:</b>				
Cusic lake.....	Washington.....	H. W. Bradley.....	Aug. 6	600
<b>Montcalm county:</b>				
Turk lake.....	Montcalm.....	E. A. Kemp.....	July 27	500
<b>Oakland county:</b>				
Lake Orion.....	Orion.....	John Winter.....	Aug. 4	900
Loon lake.....	Waterford.....	R. G. Shaw.....	Aug. 4	1,200
Woodhill lake.....	Independence.....	Mich. Fish Com.....	Aug. 4	4,000
Watkins lake.....	Waterford.....	Mich. Fish Com.....	Aug. 13	1,400
Pine lake.....	West Bloomfield.....	Wm. F. Wild.....	Aug. 6	900
Big Crosby lake.....	Independence.....	R. E. Jossman.....	Aug. 7	750
Little Crosby lake.....	Independence.....	R. E. Jossman.....	Aug. 7	500
Pine lake.....	West Bloomfield.....	Geo. L. McGregor.....	Aug. 17	800
<b>Saginaw county:</b>				
Shiawassee river.....	Chesaning.....	A. V. Cantwell.....	Aug. 11	1,000
<b>Wayne county:</b>				
Pond, no name.....	Springwells.....	Chas. Daniel.....	Aug. 1	1,000
Coomer lake.....	Van Buren.....	A. E. Smith.....	Aug. 7	1,000
Huron river.....	Van Buren.....	A. E. Smith.....	Aug. 7	1,000
Total.....				27,300

## Large Mouth Bass Plants, Fingerlings, No. 4, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Leelanau county:</b>				
North and South Bar lakes.....	Empire.....	E. R. Dailey.....	Sept. 18	200
Wells Lake.....	Kasson.....	E. R. Dailey.....	Sept. 18	500
<b>Oakland county:</b>				
Harris lake.....	Springfield.....	Geo. H. Harris.....	Aug. 25	250
Cass lake.....	Waterford and Oakland.....	Mich. Fish Com.....	Aug. 25	1,200
Loon lake.....	Waterford.....	Mich. Fish Com.....	Oct. 28	1,000
Total.....				3,150

## Warmouth Bass Plants, 1907.

County and name of waters.	Township.	Depositor.	Date	Number.
<b>Allegan county:</b>				
Minckler's lake.....	Trowbridge	Mrs. Jack De Smit.....	July 31	600
Green lake.....	Leighton.....	C. H. Babbitt.....	Aug. 15	800
Kalamazoo river.....	Allegan and others.....	Adm'n Plots.....	Aug. 16	600
School Section lake.....	Watson.....	J. T. Cloney.....	Aug. 16	600
Dumont lake.....	Allegan.....	D. H. Lane.....	Aug. 16	600
Lake Sixteen.....	Trowbridge.....	Chas. E. Bond.....	Aug. 16	600
Kalamazoo river.....	Allegan.....	M. A. Allen.....	Aug. 16	600
Heartland lake.....	Hopkins.....	W. F. Tiefenthal.....	Aug. 16	600
East or Ellinger lake.....	Hopkins.....	W. F. Tiefenthal.....	Aug. 16	600
Baker lake.....	Hopkins.....	W. F. Tiefenthal.....	Aug. 16	600
<b>Barry county:</b>				
Saddleback lake.....	Woodland & Sunfield.....	F. F. Hilbert.....	Aug. 12	600
Carr lake.....	Sunfield & Woodland.....	John Hynes.....	Aug. 12	400
Saddlebag lake.....	Woodland.....	W. H. Warner.....	Aug. 12	400
Bowker lake.....	Barry.....	T. Doster.....	Aug. 12	400
Fuhr lake.....	Orangeville.....	Frank Norwood.....	Aug. 12	400
Robbins bay.....	Yankee Springs.....	Friend Orton.....	Aug. 15	800
Pain lake.....	Yankee Springs.....	S. S. Sins.....	Aug. 15	800
Hog lake.....	Yankee Springs.....	S. S. Sins.....	Aug. 15	800
Kilpatrick lake.....	Woodland.....	C. M. Putnam.....	Aug. 19	600
Ellis lake.....	Aesyria.....	F. M. Quirk.....	Aug. 19	600
<b>Benzie county:</b>				
Crystal lake.....	Benjamin.....	David E. Burns.....	Aug. 21	800
<b>Berrien county:</b>				
Curtis lake.....	Bertrand.....	T. W. Clayborne.....	Aug. 20	600
Dayton lake.....	Bertrand.....	Leo R. Arnold.....	Aug. 20	600
Brandywine lake.....	Niles.....	E. E. Woodford.....	Aug. 20	600
<b>Branch county:</b>				
Kinyon lake.....	Sherwood.....	Daniel Warsop.....	Aug. 22	600
Laier lake.....	Sherwood.....	Fred A. Bower.....	Aug. 22	400
Marl lake.....	Sherwood.....	Fred Miller.....	Aug. 22	600
<b>Calhoun county:</b>				
Shedd "South lake".....	Tekonsha.....	E. F. Sinclair.....	Aug. 19	600
St. Joseph river.....	Clarendon.....	Geo. C. Bullentine.....	Aug. 19	600
Mearl lake.....	Athens.....	D. Waterman.....	Aug. 22	600
<b>Charlevoix county:</b>				
Lewis lake.....	Flowerfield & Marcellus.....	Harvey Ayers.....	Aug. 15	600
Cranberry lake.....	Marcellus.....	Harvey Ayers.....	Aug. 15	600
Barron lake.....	Wayne.....	W. G. Griffith.....	Aug. 20	400
Cable lake.....	Silver Creek.....	Fred Phillips.....	Aug. 20	600
Huff lake.....	Wayne.....	Fred Phillips.....	Aug. 20	600
<b>Charlevoix county:</b>				
Walloon lake.....	Grand Ledge.....	W. B. Stimpson.....	Sept. 20	300
<b>Clinton county:</b>				
Bryon lake.....	Grand Ledge.....	Mr. Stitts.....	Aug. 12	600
<b>Eaton county:</b>				
Round lake.....	Sunfield.....	D. S. England.....	Aug. 12	400
Sobby lake.....	Sunfield.....	C. S. McIntyre.....	Aug. 12	600
Sobby lake.....	Sunfield.....	C. B. Townsend.....	Aug. 19	600
<b>Emmet county:</b>				
Ely lake.....	Center.....	Alexander Lark.....	Aug. 13	600
Pierce lake.....	Cross Village and Bliss.....	Peter T. Brady.....	Aug. 13	450
Carp lake.....	Cross Village and Bliss.....	W. B. Stimpson.....	Sept. 20	300
<b>Grand Traverse county:</b>				
Brewster lake.....	Union.....	Kingsley Sportsmen's Club.....	Aug. 14	600
Bass lake.....	Union.....	Kingsley Sportsmen's Club.....	Aug. 14	200
Hogsback lake.....	Paradise.....	Kingsley Sportsmen's Club.....	Aug. 14	600
Bumphy lake.....	Union.....	Kingsley Sportsmen's Club.....	Aug. 14	400
Rennie lake.....	Union.....	Kingsley Sportsmen's Club.....	Aug. 14	800
Barter lake.....	Union.....	Kingsley Sportsmen's Club.....	Aug. 14	400
<b>Ionia county:</b>				
No name.....	Keene.....	Anthony M. Kohn.....	Aug. 17	600
Mud lake.....	Berlin.....	John Wallington.....	Sept. 9	600
Peek lake.....	Berlin.....	John Wallington.....	Sept. 9	600

## Warmouth Bass Plants, 1907.—Continued.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Ionia county—Continued.</b>				
Walter's pond.....	Boston.....	John Wallington.....	Sept. 9	400
Hewin's pond.....	Boston.....	John Wallington.....	Sept. 9	400
Morrison lake.....	Boston.....	John Wallington.....	Sept. 9	600
<b>Jackson county:</b>				
Mill pond, Kalamazoo river.....	Concord.....	F. W. McKenzie.....	Aug. 19	600
Brodock lake.....	Concord.....	F. W. McKenzie.....	Aug. 19	600
Mich. Center Mill pond.....	Leoni.....	Geo. E. Beebe.....	Aug. 29	1,000
Wolf lake.....	Napoleon.....	Geo. E. Beebe.....	Aug. 29	1,000
Vandercook's lake.....	Leoni.....	Geo. E. Beebe.....	Aug. 29	1,200
<b>Kalkaska county:</b>				
Bass lake.....	Orange.....	Paul Seiting.....	Aug. 13	450
Log lake.....	Kalkaska.....	Angus Morrison.....	Aug. 13	900
Crawford lake.....	Excelsior.....	Thomas Rice.....	Aug. 13	450
Last lake.....	Excelsior.....	Eugene Phelps.....	Aug. 13	450
<b>Kalamazoo county:</b>				
Pretty lake.....	Texas.....	Geo. A. Coykendall.....	Aug. 20	600
<b>Kent county:</b>				
Reed's lake.....	Grand Rapids R. R. Co..		Sept. 9	2,500
<b>Lake county:</b>				
Crandle lake.....	Pleasant Plains.....	H. W. Davis.....	Aug. 24	1,800
Twin lakes.....	Pleasant Plains.....	H. W. Davis.....	Aug. 24	1,200
<b>Leelanau county:</b>				
Manitou lake.....	Leland.....	Franklin & Benjamin.....	Aug. 15	1,000
<b>Mason county:</b>				
Goose lake.....	Branch.....	A. B. Hackman.....	Aug. 24	600
<b>Mecosta county:</b>				
Perch lake.....	Martiny.....	John Miller.....	Aug. 17	600
Long lake.....	Morton.....	Ray Carmen.....	Aug. 17	800
Pretty lake.....	Martiny.....	Miss Rachel Lewis.....	Aug. 17	600
School Section lake.....	Morton.....	Frank Shaler.....	Aug. 17	600
Meeker lake.....	Wheatland.....	J. M. Swisher.....	Aug. 17	400
Muskegon river.....	Mecosta.....	Jay Reed.....	Aug. 24	1,200
Lake 28.....	Sheridan.....	P. J. Theisen.....	Aug. 17	600
<b>Missaukee county:</b>				
Dyer lake.....	Clam Union.....	Isaac Youngs.....	Aug. 21	800
<b>Montcalm county:</b>				
Six lakes.....	Belvidere.....	Mrs. B. F. Randall.....	Aug. 21	600
Mud lake.....	Douglas.....	L. A. Randall.....	Aug. 21	600
Long lake.....	Douglas.....	C. W. Vining.....	Aug. 21	2,000
Horseshoe lake.....	Belvidere.....	Oscar Fleck.....	Aug. 21	600
Six lakes.....	Belvidere.....	Oscar Fleck.....	Aug. 21	600
Dess lake.....	Richland.....	M. J. Briggs.....	Aug. 17	600
Whitefish lake.....	Richland.....	B. S. Davenport.....	Aug. 17	600
<b>Muskegon county:</b>				
Clam lake.....	Cedar Creek.....	Herman O'Connor.....	Aug. 10	400
Mud lake.....	Cedar Creek.....	Herman O'Connor.....	Aug. 10	400
Van Antwerp lake.....	Holton.....	John Adams.....	Aug. 10	400
Town Line lake.....	Holton.....	John Adams.....	Aug. 10	400
Big Blue lake.....	Blue Lake.....	Hon. Fred J. Russell.....	Aug. 23	600
<b>Newaygo county:</b>				
Sand lake.....	Ashland.....	Allen J. Titus.....	Aug. 1	800
Blanch lake.....	Ashland.....	Allen J. Titus.....	Aug. 1	800
Half Moon lake.....	Denver.....	Frank Utley.....	Aug. 10	600
Cook and White lakes.....	Ensley and Solon.....	Frank Seigel.....	Aug. 13	450
Marl lake.....	Brooks and Everett.....	Victor Reinhardt.....	Aug. 24	600
<b>Oceana county:</b>				
Noble's lake.....	Greenwood.....	H. S. Rhoads.....	Aug. 10	400
Acker lake.....	Greenwood.....	H. S. Rhoads.....	Aug. 10	400
Newell lake.....	Newfield.....	Frank Utley.....	Aug. 10	600
Happy Hollow lake.....	Golden.....	C. L. Gold.....	Aug. 23	800
Round lake.....	Golden.....	C. L. Gold.....	Aug. 23	600
Dick's lake.....	Eldridge.....	Frank Gring.....	Aug. 23	600
Gurney pond and Round lake.....	Hart and Golden.....	Rufus Skeels.....	Aug. 23	600

## Warmouth Bass Plants, 1907.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Oceana county.—Continued.</b>				
Round lake.....	Ferry.....	C. E. Ellis.....	Aug. 23	600
Stoney lake.....	Benona.....	C. E. Ellis.....	Aug. 23	800
Evans lake.....	Elbridge.....	F. Shaw.....	Aug. 23	600
<b>Oseola county:</b>				
Blackberry lake.....	Sherman.....	John Eggle.....	Aug. 13	900
<b>St. Joseph county:</b>				
Ayers lake.....	Flowerfield.....	Harvey Ayers.....	Aug. 15	400
Sturgeon lake.....	Colon.....	O. C. Shane.....	Aug. 10	600
Boot lake.....	Fabius.....	C. W. Himmelbaugh.....	Aug. 19	600
King's pond.....	Leonidas.....	Edgar Sherwood.....	Aug. 22	600
Lidia lake.....	Leonidas.....	Joe Tutewiler.....	Aug. 22	400
Bear creek.....	Leonidas.....	Joe Tutewiler.....	Aug. 22	400
Notawa creek.....	Leonidas.....	S. C. Kline.....	Aug. 22	600
Mud lake.....	Leonidas.....	O. D. Kline.....	Aug. 22	600
Carlisle's pond.....	Leonidas.....	Lewis Williams.....	Aug. 22	600
Marl lake.....	Leonidas.....	Fred A. Bower.....	Aug. 22	400
<b>Van Buren county:</b>				
Sister lakes.....	Silver Lake & Keeler.....	Fred Phillips.....	Aug. 20	600
<b>Total.....</b>				<b>74,550</b>

## Warmouth Bass, 1908.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Allegan county:</b>				
Salem Mill pond.....	Salem.....	Philip Lenard.....	July 10	750
Spring Beach lake.....	Lee.....	S. E. Phillips.....	July 29	600
<b>Barry county:</b>				
Saddlebag lake.....	Woodland and Sunfield.....	C. S. McIntyre.....	July 1	900
Lake Twenty-one.....	Hope.....	W. J. Kealey.....	July 1	750
Mud lake.....	Barry.....	W. J. Kealey.....	July 1	1,050
Lower Crooked lake.....	Prairieville.....	W. J. Kealey.....	July 1	1,200
Ellis lake.....	Asyria.....	F. M. Quick.....	July 6	750
Mud lake.....	Johnstown.....	Thos. Thorne.....	July 10	750
<b>Berrien county:</b>				
Little Indian lake.....	Berrien.....	Otto Radewald.....	July 17	750
Dayton lake.....	Bertrand.....	Leo R. Arnold.....	July 18	750
Harris lake.....	Hogar.....	E. A. Lyon.....	July 18	750
Hibbard lake.....	Hogar.....	E. A. Lyon.....	July 29	600
<b>Calhoun county:</b>				
Shedd south lake.....	Tekonsha.....	Henry Phelps.....	July 9	600
Bear lake.....	Marshall.....	M. N. Ryder.....	July 18	750
<b>Cass county:</b>				
South part of Goose lake.....	Jefferson.....	Thomas T. Higgins.....	July 6	750
Fetherbee lake.....	Newberg.....	Fred Marsh.....	July 9	750
Golf lake.....	Marcellus.....	Bruce J. Dailey.....	July 31	900
<b>Eaton county:</b>				
Sobby lake.....	Sunfield.....	C. M. Putnam.....	July 6	750
<b>Ingham county:</b>				
Pine lake.....	Meridian.....	Chas. P. Downey.....	July 10	750
<b>Ionia county:</b>				
Kinderville pond.....	Otisco.....	Chas. Madden.....	July 28	600
Long lake.....	Orleans.....	Frank J. Hall.....	July 30	750
Electric Light pond.....	Portland.....	C. A. Moore.....	Aug. 5	600
Woodland lake.....	Ronald.....	Frank Allen.....	Aug. 5	900
Huhn's pond.....	Boston.....	John Wallington.....	Aug. 6	750
Hull's lake.....	Keene.....	John Wallington.....	Aug. 6	750
Crane's pond.....	Berlin.....	John Wallington.....	Aug. 6	750
Peck lake.....	Berlin.....	John Wallington.....	Aug. 6	750
Morrison lake.....	Boston.....	John Wallington.....	Aug. 7	750
Walter's pond.....	Boston.....	John Wallington.....	Aug. 7	750
Tucker's lake.....	Boston.....	John Wallington.....	Aug. 7	750
Mud or Young's lake.....	Berlin.....	John Wallington.....	Aug. 7	750
<b>Isabella county:</b>				
Weidman mill pond.....	Sherman.....	E. Clark.....	Aug. 1	750
Eldred lake.....	Broomfield.....	J. M. Swisher.....	Aug. 1	600
<b>Jackson county:</b>				
Brill's lake.....	Leoni.....	George E. Beebe.....	July 7	750
Wolf lake.....	Napoleon.....	Geo. E. Beebe.....	July 7	750
Ackerson lake.....	Napoleon.....	Geo. E. Beebe.....	July 7	750
Mich. Center mill pond.....	Leoni.....	Geo. E. Beebe.....	July 7	750
Portage lake.....	Leoni and Waterloo.....	Geo. E. Beebe.....	July 7	750
Tompkins mill pond.....	Tompkins.....	Harry L. Woodard.....	July 7	750
<b>Kalamazoo county:</b>				
Rawson lake.....	Schoolcraft.....	Thomas Hewitt.....	July 6	750
Tub or North Grove lake.....	Schoolcraft.....	M. N. Grimes.....	July 6	750
Black and Tub lakes.....	Schoolcraft.....	M. N. Grimes.....	July 31	900
Howard lake.....	Schoolcraft.....	Perry W. Ballinger.....	July 31	900
<b>Kalkaska county:</b>				
Crawford lake.....	Excelsior.....	Thomas Rice.....	July 8	750
Bass lake.....	Orange.....	Paul Seiting.....	July 8	750
<b>Kent county:</b>				
Black lake.....	Solon.....	Elliott Stone.....	July 2	750
Mud lake.....	Solon.....	Elliott Stone.....	July 2	750
Reed's & Fisk Lakes.....	Grand Rapids.....	L. J. De Lannarter.....	July 2	1,600
Ziegenfuss lake.....	Oakfield.....	C. G. Keeler.....	July 11	750
Crandall's lake.....	Solon.....	Earl Rasco.....	July 11	750
Bass lake.....	Spencer.....	Ellwood Madsen.....	July 11	750
Seram lake.....	Oakfield.....	Freeman Addis.....	July 11	750

## Warmouth Bass 1908.—Concluded.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Kent county.—Continued.</b>				
Haskins lake.....	Algoma.....	E. W. Pratt.....	July 11	750
Horton lake.....	Spencer and Montcalm.....	R. M. Vanderlip.....	July 27	450
Emmons lake.....	Grattan.....	Sumner H. Wilson.....	July 28	600
Pond's lake.....	Oakfield.....	Geo. G. Crawford.....	July 28	600
Bostwick lake.....	Cannon.....	Bert Ramsdell.....	Aug. 19	750
<b>Lake county:</b>				
Big Bass lake.....	Elk.....	William P. Jones.....	July 6	750
<b>Mecosta county:</b>				
Millbrook pond.....	Millbrook.....	T. O. Pattison.....	July 20	1,200
Evans lake.....	Chippewa and Martiny.....	E. N. Sweet.....	July 30	750
Long lake.....	Chippewa.....	Albert Osser.....	July 30	600
Pretty lake.....	Martiny.....	E. C. Lewis.....	July 30	600
Lake 28.....	Sheridan.....	R. P. Swisher.....	July 30	600
<b>Montcalm county:</b>				
Whitefish lake.....	Pierson.....	B. S. Davenport.....	July 2	750
Horseshoe lake.....	Belvidere.....	Joseph Kimmell.....	July 27	450
Fifth lake.....	Belvidere.....	Mrs. B. F. Randall.....	July 27	450
Little Brimmer lake.....	Cato.....	C. W. Vining.....	July 27	750
Big Brimmer lake.....	Cato.....	C. W. Vining.....	July 27	750
Gilmore lake.....	Fairplains.....	J. E. Wilson.....	July 28	600
Snow's lake.....	Bushnell.....	B. E. Stainer.....	Aug. 5	600
Derby lake.....	Sidney.....	E. O. Bellows.....	Aug. 5	600
Clear lake.....	Fairplains.....	Benjamin Hall.....	Aug. 5	600
Horseshoe lake.....	Fairplains.....	E. E. Brown.....	Aug. 5	900
<b>Muskegon county:</b>				
Deer lake.....	Holton.....	Edward Willard.....	July 16	1,500
Big Blue lake.....	Blue lake.....	Hon. Fred J. Russell.....	Aug. 4	1,500
<b>Newaygo county:</b>				
Loft lake.....	Monroe.....	A. S. Carpenter.....	July 16	600
McClaren lake.....	Newfield.....	Frank Utley.....	July 16	600
Keims lake.....	Denver.....	Frank Utley.....	July 16	600
Mountain Hill lake.....	Denver.....	Frank Utley.....	July 16	600
Blanch lake.....	Ashland.....	Allen J. Titus.....	July 21	900
<b>Ottawa county:</b>				
Black lake or Maontawa Bay.....	Holland.....	A. G. Tanner.....	July 15	600
<b>St. Joseph county:</b>				
Mud lake.....	Fabius.....	Frank A. Stearns.....	July 17	750
Little Pleasant lake.....	Fabius.....	Frank A. Stearns.....	July 17	600
<b>Van Buren county:</b>				
North lake.....	Columbia.....	Chas. Jensch and W. F. Everest.....	July 29	600
Mensen lake.....	Columbia.....	Chas. Jensch and W. F. Everest.....	July 29	600
Maple lake.....	Paw Paw & Antwerp.....	H. L. McNeil.....	July 29	600
Total.....				64,600

## Perch Plants, (Fry) 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Emmet county:</b>				
Round lake.....	Bear Creek.....	Henry Lindig.....	June 3	80,000
<b>Grand Traverse county:</b>				
Blue lake.....	Union.....	Kingsley Sportsmen's Club.....	June 3	80,000
Black lake.....	Union.....	Kingsley Sportsmen's Club.....	June 3	120,000
Rennie lake.....	Union.....	Kingsley Sportsmen's Club.....	June 3	80,000
Porter lake.....	Mayfield.....	R. B. De France.....	June 3	80,000
Cedar lake.....	Mayfield.....	A. B. Stinson.....	June 3	120,000
<b>Kalamazoo county:</b>				
West lake.....	Portage.....	Karl Schanz.....	June 4	120,000
Hogshead lake.....	Schoolcraft.....	S. J. Wykkel.....	June 4	80,000
Gourdneck lake.....	Portage.....	Wm. H. Johnson.....	June 4	80,000
<b>Kent county:</b>				
Pine Island.....	Plainfield.....	C. H. Bissonette.....	June 5	100,000
<b>Mecosta county:</b>				
Clear lake.....	Colfax.....	A. V. Young.....	June 3	80,000
<b>Oseola county:</b>				
Hewitt lake.....	Burdell.....	Hon. J. M. Perry.....	June 3	80,000
<b>Wexford county:</b>				
Stone Ledge lake.....	Clam Lake.....	John Eggle.....	June 3	120,000
Total.....				1,220,000

## Perch Plants (Fingerlings), 1907.

County and name of waters.	Township.	Depositor.	Date.	Number.
<b>Allegan county:</b>				
School Section lake.....	Watson.....	J. T. Cloney.....	July 17	1,000
Whitmore lake.....	Monterey.....	Chas. Wynn.....	July 17	1,000
Big lake.....	Watson.....	H. V. Streeter.....	July 17	1,500
Miner lake.....	Allegan and Watson.....	T. E. Streeter.....	July 17	1,000
Minckler lake.....	Trowbridge.....	Mrs. Jack De Smit.....	July 31	1,500
<b>Berrien county:</b>				
Dayton lake.....	Bertrand.....	Leo. R. Arnold.....	July 31	3,500
<b>Branch county:</b>				
Lehr lake.....	Sherwood.....	D. Waterman.....	July 25	1,500
Kenyon lake.....	Sherwood.....	R. A. Snyder.....	July 25	1,500
<b>Calhoun county:</b>				
Ceresco pond.....	Marshall.....	Henry Lehmann.....	July 31	1,500
<b>Genesee county:</b>				
Byron lake.....	Fenton.....	Theo. J. Damanois.....	Aug. 14	75
<b>Ingham county:</b>				
No name.....		C. M. Norton.....	Nov. 9	100
<b>Montcalm county:</b>				
Whitefish lake.....		B. S. Davenport.....	Aug. 17	200
<b>Oakland county:</b>				
Lake Orion.....	Orion.....	Delbert C. James.....	July 31	750
Peer lake.....	Groveland.....	Frank Cuthbert.....	Aug. 10	200
<b>Oseola county:</b>				
Diamond lake.....	Burdell.....	J. M. Perry.....	July 17	2,500
<b>St. Joseph county:</b>				
Marl lake.....	Leonidas.....	Leo. E. Wood.....	July 25	1,500
Total.....				19,325

*Perch Plants, Fry, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Allegan county:				
Lake Sixteen.....	Martin.....	W. F. Kimball.....	May 25	80,000
Upper Scott lake.....	Lec.....	S. E. Phillips.....	May 25	120,000
Barry county:				
Pleasant lake.....	Barry.....	W. J. Kealey.....	May 25	120,000
Wilkinson lake.....	Hope.....	Delton Mercantile Co.....	May 25	160,000
Fair lake.....	Barry.....	Dewitt Collister.....	May 25	160,000
Little Gilkey lake.....	Barry.....	Wm. Evans.....	May 25	80,000
Saddleback lake.....	Woodland and Sunfield.....	F. F. Hilbert.....	May 25	160,000
Isabella county:				
Bullhead lake.....		J. E. Palmer.....	May 22	120,000
Hall's lake.....	Broomfield.....	B. W. Hagerman.....	May 26	80,000
Kent county:				
Black lake.....	Solon.....	Elliott Stone.....	May 23	120,000
Mud lake.....	Solon.....	Elliott Stone.....	May 23	120,000
Lake county:				
Elbow lake.....	Elk.....	Jack Hartley.....	May 20	160,000
Perch lake.....	Lake.....	Wm. R. Clark.....	May 20	120,000
Mecosta county:				
Bissell's lake.....	Hinton.....	J. W. Nickerson.....	May 26	120,000
Montcalm county:				
Rock lake.....	Richland.....	A. B. Stauffer.....	May 22	160,000
Horseshoe lake.....	Belvidere.....	J. B. Gregory.....	May 26	160,000
Tamarack lake.....	Cato.....	C. W. Vining.....	May 26	120,000
Town Line lake.....	Cato and Belvidere.....	C. W. Vining.....	May 26	160,000
Bass lake.....	Belvidere.....	C. W. Vining.....	May 26	80,000
Long lake.....	Pine.....	Jeff. Moore.....	May 26	120,000
Five lakes between Ingram and West lakes.....	Pine.....	Allen House.....	May 26	120,000
Van Buren county:				
Nyman's mill pond.....	Bangor.....	Archie V. McKee.....	May 25	80,000
Total.....				2,720,000

*Perch Plants, Fingerlings, Nos. 1, 2 and 3, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Cass county:				
Slab lake.....	Jefferson.....	F. C. Gardner.....	July 17	750
Genesee county:				
Pine lake.....	Fenton.....	H. R. Van Wagoner.....	July 9	675
Ingham county:				
No name.....		C. M. Norton.....	Aug. 18	300
Ionia county:				
Long lake.....	Orleans.....	Frank J. Hall.....	July 30	200
Lake county:				
Lincoln lake.....	Elk.....	Geo. M. Brown.....	July 17	1,250
Lenawee county:				
Devil's lake.....	Rollin and Woodstock.....	W. J. Hampton.....	July 22	1,000
Livingston county:				
Coon lake.....	Marion.....	A. Sharp & Sons.....	Aug. 7	500
Muskegon county:				
Wolf lake.....	Eggleston.....	W. W. Hilton.....	Aug. 19	500
Newaygo county:				
Blanch lake.....	Ashland.....	Allen J. Titus.....	July 21	400
Oakland county:				
Lake Orion.....	Orion.....	Delbert C. James.....	Aug. 4	600
Loon lake.....	Waterford.....	Mich. Fish Com.....	Oct. 28	1,000
St. Joseph county:				
St. Joseph river.....	Constantine and others.....	Wallace N. Harvey.....	July 10	1,000
Total.....				8,175

*Perch Plants, Yearlings, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Barry county:				
Crooked lake.....	Prairieville.....	W. J. Kealey.....	May 1	300
Livingston county:				
Indian lake.....	Deerfield.....	Chas. E. Nichols.....	June 30	50
Total.....				350

*Perch Plants, Adults, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Oakland county: Big lake, head of Huron river.....	Springfield.....	James I. Hubbard.....	July 22	100

*Bluegill Plants, 1907.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Genesee county: Byron lake.....	Fenton.....	Theo. J. Damanois.....	Aug. 14	500
Oakland county: Minnie lake.....	Groveland.....	Frank Cuthbert.....	Aug. 10	1,500
Runyon lake.....	Holly.....	Mrs. A. Rood.....	Aug. 10	2,500
Jackson county: Pleasant lake.....	Henrietta.....	C. M. Norton.....	Nov. 9	600
Total.....				4,600

*Bluegill Plants, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Ingham county: No name.....		C. M. Norton.....	Aug. 18	400
Oakland county: Loon lake.....	Waterford.....	Mich. Fish Com.....	Oct. 28	300
Total.....				700

*Sunfish, Adults, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Oakland county: Loon lake.....	Waterford.....	Mich. Fish Com.....	Oct. 28	400

*Sunfish Plants, Fingerlings and Yearlings, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Ingham county: No name.....		C. M. Norton.....	Aug. 18	300

*Landlocked Salmon Plants, 1907.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Chippewa county: St. Mary's river.....		Mich. Fish Com.....	Aug. & Sept.	6,500

*Landlocked Salmon Plants, Yearlings, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Chippewa county: St. Mary's river.....		Mich. Fish Com.....	May 27	81

*Landlocked Salmon Plants, Fry, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Chippewa county: St. Mary's river.....		Mich. Fish Com.....	May 27	5,824

*Grass Pike Plants, 1907.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Jackson county: Pleasant lake.....	Henrietta.....	C. M. Norton.....	Nov. 9	150

*Grass Pike Plants, 1908.*

County and name of waters.	Township.	Depositor.	Date.	Number.
Oakland county: Loon lake.....	Waterford.....	Mich. Fish Com.....	Oct. 28	600

## REPORT OF STATISTICAL AGENT.

To the State Board of Fish Commissioners:

Gentlemen—I beg leave to submit the following condensed report of the fish taken in the great lakes bordering on the State of Michigan in the years 1905, 1906 and 1907; the nets and all fishing outfits; the amount invested in nets, apparatus, lands and buildings, and the number of men employed:

Kind.	Pounds.	Value.
1905.		
Whitefish.....	4,155,953	\$289,403 64
Lake Trout.....	10,514,220	545,140 00
Pike Perch.....	2,345,600	156,746 00
Herring.....	15,280,900	320,473 00
Sturgeon.....	106,726	8,332 90
Bass.....	70,800	2,927 10
Saugers.....	150,500	4,770 00
Perch.....	2,590,000	79,615 00
Suckers.....	5,339,800	123,168 50
Catfish.....	131,345	5,192 80
Caviare.....	2,211	1,598 65
All other kinds.....	3,637,820	89,645 64
<b>Total.....</b>	<b>44,325,875</b>	<b>\$1,627,013 23</b>

## NETS USED.

Kind.	Number.	Fathoms.
Gill nets.....	59,075	4,993,698
Pound nets.....	2,559	347,669
Seines.....	183	15,563
Fyke nets.....	52	
Gobbler nets.....	588	
Reels.....	6	
Hooks.....	48,000	

## BOATS USED.

Kind.	Number.
Steamers.....	193
Gasoline boats.....	124
Sail boats.....	577
Pound boats.....	169
Skiffs.....	1,035

## AMOUNT INVESTED.

Value of nets.....	\$956,638 00
Value of boats.....	569,565 00
Value of lands and buildings.....	877,110 00
<b>Total invested.....</b>	<b>\$2,403,313 00</b>
Men employed.....	5,771

Kind.	Pounds.	Value.
1906.		
Whitefish.....	5,994,772	\$348,835 08
Lake Trout.....	10,693,900	594,451 50
Pike Perch.....	2,147,700	154,564 00
Herring.....	18,869,500	446,906 75
Sturgeon.....	74,160	8,835 00
Bass.....	89,850	3,532 00
Saugers.....	205,300	6,159 00
Perch.....	2,753,700	85,656 50
Suckers.....	6,118,700	133,437 00
Catfish.....	166,500	6,935 00
Caviare.....	3,865	2,793 00
All other kinds.....	3,351,354	86,348 50
<b>Total.....</b>	<b>50,469,301</b>	<b>\$1,878,453.33</b>

## NETS USED.

Kind.	Number.	Fathoms.
Gill nets.....	66,289	5,420,661
Pound nets.....	2,009	295,371
Seines.....	97	11,546
Fyke nets.....	160	
Traps.....	200	
Gobbler nets.....	692	
Dip nets.....	4	
Hooks.....	28,000	



## BOATS USED.

Kind.	Number.
Steamers.....	77
Gasoline boats.....	355
Sail boats.....	450
Pound boats.....	160
Skiffs.....	1,078

## AMOUNT INVESTED.

Value of nets.....	\$988,650 50
Value of boats.....	644,175 00
Value of lands and buildings.....	848,770 00
Total invested.....	\$2,481,595 50
Men employed.....	6,860

Kind.	Pounds.	Value.
1907.		
Whitefish.....	5,294,870	\$422,625 00
Lake Trout.....	9,926,390	526,198 60
Pike Perch.....	2,073,000	162,250 50
Herring.....	20,181,700	347,476 50
Sturgeon.....	93,345	12,393 50
Bass.....	102,760	4,460 00
Saugers.....	111,800	3,414 00
Perch.....	2,795,400	89,274 00
Suckers.....	5,431,000	145,245 00
Catfish.....	115,700	4,417 00
Caviare.....	4,299	3,379 90
All other kinds.....	3,425,550	85,633 60
Total.....	49,555,814	\$1,806,767 60

## NETS USED.

Kind.	Number.	Fathoms.
Gill nets.....	72,237	7,188,753
Pound nets.....	2,137	270,651
Seines.....	154	12,694
Fyke nets.....	265	
Gobbler nets.....	672	
Traps.....	234	
Hooks.....	71,200	

## BOATS USED.

Kind.	Number.
Steamers.....	88
Gasoline boats.....	378
Search light.....	1
Sail boats.....	359
Pound boats.....	158
Skiffs.....	1,121

## AMOUNT INVESTED.

Value of nets.....	\$1,085,821 50
Value of boats.....	679,145 00
Value of lands and buildings.....	933,437 00
Total invested.....	\$2,698,403 50
Number of men employed.....	6,567

C. H. MOORE,  
Statistical Agent.

Tables showing the total catch of the different kinds of fish taken in the great lakes bordering on the State of Michigan in the years from 1891 to 1907, both inclusive, with a grand total of all kinds for the years named; the kinds of nets used in each year and the total length of same; the value of fishing lands and buildings and all fishing apparatus, including nets and boats, and a table showing the number of men employed in each year:

WHITEFISH.		
Year.	Total catch, lbs.	Total value.
1891.....	8,110,000	\$351,190 00
1892.....	6,347,000	258,011 00
1893.....	5,345,000	231,189 00
1894.....	4,470,000	163,813 00
1895.....	3,353,000	130,811 00
1896.....	3,783,000	141,750 00
1897.....	4,639,000	186,777 00
1898.....	4,102,000	170,245 00
1899.....	3,640,000	188,586 00
1900.....	3,460,000	185,010 00
1901.....	4,173,000	236,909 00
1902.....	5,371,000	307,860 00
1903.....	4,508,000	276,638 00
1904.....	4,197,000	270,262 00
1905.....	4,156,000	289,404 00
1906.....	5,995,000	348,824 00
1907.....	5,294,870	422,625 00

## LAKE TROUT.

Year.	Total catch, lbs.	Total value.
1891.....	9,132,000	\$375,200 00
1892.....	8,860,000	358,598 00
1893.....	8,948,000	366,489 00
1894.....	7,291,000	243,261 00
1895.....	6,293,000	234,311 00
1896.....	6,900,000	240,902 00
1897.....	6,580,000	246,121 00
1898.....	6,495,000	235,915 00
1899.....	6,505,000	292,852 00
1900.....	6,458,000	282,711 00
1901.....	7,388,000	337,872 00
1902.....	9,363,000	431,630 00
1903.....	9,635,000	463,630 00
1904.....	11,638,000	504,696 00
1905.....	10,515,000	505,140 00
1906.....	10,694,000	594,451 00
1907.....	9,926,390	536,198 60

## HERRING.

Year.	Total catch, lbs.	Total value.
1891.....	7,823,000	\$117,319 00
1892.....	5,564,000	71,979 00
1893.....	10,178,000	159,313 00
1894.....	8,825,000	112,046 00
1895.....	10,512,000	101,618 00
1896.....	12,115,000	92,012 00
1897.....	12,958,000	98,510 00
1898.....	14,937,000	143,439 00
1899.....	17,567,000	193,000 00
1900.....	13,068,000	172,250 00
1901.....	14,865,000	287,850 00
1902.....	19,112,000	285,875 00
1903.....	15,767,000	305,036 00
1904.....	19,927,000	332,831 00
1905.....	15,281,000	320,473 00
1906.....	18,870,000	446,907 00
1907.....	20,181,700	347,476 50

## PIKE PERCH OR WALL-EYED PIKE.

Year.	Total catch, lbs.	Total value.
1891.....	2,791,000	\$92,623 00
1892.....	2,356,000	84,285 00
1893.....	1,861,000	76,717 00
1894.....	2,824,000	75,056 00
1895.....	2,134,000	59,845 00
1896.....	2,121,000	69,106 00
1897.....	2,432,000	82,982 00
1898.....	3,113,000	98,356 00
1899.....	2,816,000	115,176 00
1900.....	1,741,000	82,927 00
1901.....	1,713,000	87,412 00
1902.....	2,289,000	129,540 00
1903.....	2,904,000	174,609 00
1904.....	2,697,000	168,306 00
1905.....	2,346,000	156,746 00
1906.....	2,147,000	154,564 00
1907.....	2,073,000	162,250 50

## PERCH.

Year.	Total catch, lbs.	Total value.
1891.....	2,017,000	\$21,192 00
1892.....	2,560,000	28,758 00
1893.....	2,622,000	30,374 00
1894.....	2,785,000	27,435 00
1895.....	2,437,000	25,093 00
1896.....	2,010,000	19,393 00
1897.....	2,091,000	25,173 00
1898.....	2,772,000	34,192 00
1899.....	3,458,000	41,473 00
1900.....	4,031,000	48,202 00
1901.....	4,155,000	62,422 00
1902.....	3,300,000	63,622 00
1903.....	3,107,000	73,292 00
1904.....	2,474,000	59,421 00
1905.....	2,590,000	79,615 00
1906.....	2,752,000	85,607 00
1907.....	2,795,400	89,274 00

## EIGHTEENTH REPORT—STATE FISHERIES.

## SUCKERS.

Year.	Total catch, lbs.	Total value.
1891.....	1,392,000	\$17,132 00
1892.....	2,352,000	27,701 00
1893.....	3,144,000	32,670 00
1894.....	3,600,000	34,054 00
1895.....	3,900,000	35,035 00
1896.....	1,900,000	20,067 00
1897.....	2,162,000	24,428 00
1898.....	1,833,000	21,183 00
1899.....	2,017,000	27,075 00
1900.....	2,650,000	34,167 00
1901.....	2,751,000	47,665 00
1902.....	3,925,000	68,714 00
1903.....	5,432,000	99,061 00
1904.....	5,000,000	81,814 00
1905.....	5,339,800	123,169 00
1906.....	6,119,000	133,437 00
1907.....	5,431,000	145,245 00

## STURGEON.

Year.	Total catch, lbs.	Total value.
1891.....	831,000	\$47,571 00
1892.....	501,000	31,817 00
1893.....	468,000	28,758 00
1894.....	294,000	17,733 00
1895.....	225,000	16,712 00
1896.....	225,000	17,483 00
1897.....	185,000	19,803 00
1898.....	237,000	25,931 00
1899.....	217,000	33,492 00
1900.....	176,000	24,847 00
1901.....	132,000	20,697 00
1902.....	107,000	17,814 00
1903.....	110,000	18,360 00
1904.....	101,000	16,800 00
1905.....	107,000	9,932 00
1906.....	74,000	12,725 00
1907.....	97,644	15,733 40

## EIGHTEENTH REPORT—STATE FISHERIES.

ALL OTHER KINDS, PRINCIPALLY GERMAN CARP, MENOMINEE WHITEFISH, CATFISH, LUBL-HEADS, SUNFISH, ROCK BASS, GRASS PIKE, SAUGERS, ETC.

Year.	Total catch, lbs.	Total value.
1891.....	1,557,000	\$35,790 00
1892.....	2,795,000	72,434 00
1893.....	1,482,000	38,265 00
1894.....	1,234,000	29,965 00
1895.....	1,277,000	24,165 00
1896.....	1,301,000	30,188 00
1897.....	1,510,000	26,536 00
1898.....	1,671,000	30,810 00
1899.....	2,081,000	44,795 00
1900.....	2,400,000	50,793 00
1901.....	3,061,000	53,005 00
1902.....	2,763,000	55,665 00
1903.....	2,384,000	56,202 00
1904.....	1,971,000	48,860 00
1905.....	3,990,000	102,536 00
1906.....	3,813,000	102,954 00
1907.....	3,755,810	97,924 60

## TOTALS OF ALL KINDS.

Year.	Total catch, lbs.	Total value.
1891.....	33,643,000	\$1,058,028 00
1892.....	31,345,000	933,586 00
1893.....	34,018,000	963,778 00
1894.....	31,323,000	703,365 00
1895.....	30,131,000	627,594 00
1896.....	30,355,000	630,902 00
1897.....	32,557,000	709,831 00
1898.....	35,194,000	760,079 00
1899.....	38,432,000	936,453 00
1900.....	34,011,000	881,002 00
1901.....	38,259,000	1,133,839 00
1902.....	46,242,000	1,461,724 00
1903.....	43,857,000	1,467,520 00
1904.....	47,992,000	1,482,990 00
1905.....	44,148,000	1,627,013 00
1906.....	50,464,000	1,879,459 00
1907.....	49,161,914	1,806,767 60

## EIGHTEENTH REPORT—STATE FISHERIES.

## POUND NETS.

	Total length of leader in fathoms.
1891.....	304,000
1892.....	245,000
1893.....	237,000
1894.....	242,000
1895.....	210,000
1896.....	213,000
1897.....	269,000
1898.....	268,000
1899.....	290,000
1900.....	305,000
1901.....	282,000
1902.....	305,000
1903.....	341,000
1904.....	345,000
1905.....	348,000
1906.....	296,000
1907.....	280,651

(Includes trap-nets, fyke nets, gobblers, and all forms of nets that take fish by leading them into a trap or pound.)

## GILL NETS.

	Fathoms in length.	Miles.
1891.....	2,363,000	2,685.2
1892.....	2,503,000	2,844.3
1893.....	2,815,000	3,198.8
1894.....	2,795,000	3,171.6
1895.....	2,616,000	2,972.7
1896.....	2,410,000	2,738.6
1897.....	2,456,000	2,790.9
1898.....	2,687,000	3,053.4
1899.....	2,802,000	3,184.0
1900.....	3,051,000	3,467.0
1901.....	3,652,000	4,147.7
1902.....	4,032,000	4,581.8
1903.....	4,213,000	4,787.5
1904.....	4,510,000	5,126.1
1905.....	4,994,000	5,693.5
1906.....	5,421,000	6,159.8
1907.....	7,188,753	8,169.0

## EIGHTEENTH REPORT—STATE FISHERIES.

## SEINES.

	Fathoms in length.
1891.....	8,200
1892.....	19,800
1893.....	27,500
1894.....	35,800
1895.....	26,300
1896.....	22,000
1897.....	19,000
1898.....	4,800
1899.....	5,100
1900.....	3,700
1901.....	4,400
1902.....	4,500
1903.....	4,800
1904.....	6,200
1905.....	16,000
1906.....	12,000
1907.....	12,694

## TOTAL VALUE OF FISHERY LANDS AND BUILDINGS AND ALL FISHING APPARATUS, INCLUDING NETS AND BOATS.

1891.....	\$1,105,000
1892.....	1,169,000
1893.....	1,315,000
1894.....	1,200,000
1895.....	1,078,000
1896.....	1,010,000
1897.....	1,022,000
1898.....	1,181,000
1899.....	1,253,000
1900.....	1,237,000
1901.....	1,467,000
1902.....	1,670,000
1903.....	1,946,000
1904.....	2,175,000
1905.....	2,403,000
1906.....	2,482,000
1907.....	2,698,403

## EIGHTEENTH REPORT—STATE FISHERIES.

## NUMBER OF MEN EMPLOYED.

1891.....	3,919
1892.....	3,212
1893.....	3,997
1894.....	4,242
1895.....	4,499
1896.....	4,879
1897.....	4,439
1898.....	4,576
1899.....	4,713
1900.....	5,170
1901.....	4,862
1902.....	5,889
1903.....	6,342
1904.....	6,948
1905.....	5,771
1906.....	6,860
1907.....	6,567

## INVENTORY, 1908.

PARIS STATION:	
158 acres of land and meander of Cheney Creek.....	\$3,950 00
1 hatchery known as the "New Hatchery".....	3,000 00
1 hatchery known as the "Old Hatchery".....	900 00
1 ice and food house.....	300 00
1 ice house.....	125 00
1 storage house.....	50 00
1 food house.....	75 00
1 fish car house.....	75 00
4 outhouses—\$15.00.....	60 00
2 outhouses—\$10.00.....	20 00
1 wagon and storage shed.....	200 00
1 barn.....	400 00
1 overseer's residence.....	1,600 00
1 employee's residence.....	500 00
1 employee's residence.....	200 00
1 employee's residence.....	75 00
1 wind mill.....	400 00
1 water tank and pipe connections for fire protection.....	400 00
Ponds, raceways and pipe connections.....	7,800 00
1 distributing car.....	2,000 00
Apparatus, tools, camp outfits and office furniture and books.....	4,834 92
	<hr/>
	\$26,564 92

SAULT STATION:	
1 hatchery building and permanent improvements, including ponds and water connections.....	\$9,000 00
1 steam launch.....	700 00
1 electric motor car.....	100 00
Apparatus, tools, furniture, etc.....	1,944 35
	<hr/>
	\$11,744 35

## EIGHTEENTH REPORT—STATE FISHERIES.

MILL CREEK STATION:	
9 acres of land.....	\$900 00
1 hatchery house.....	600 00
1 dwelling.....	2,000 00
1 barn.....	400 00
1 wagon shed and store room.....	350 00
1 ice house.....	150 00
Ponds, raceways and permanent improvements.....	10,500 00
Apparatus, tools, etc.....	2,274 35
	<hr/>
	\$17,174 35

HARRIETTA STATION:	
100 acres of land, ponds and improvements.....	\$5,500 00
1 hatchery and equipment.....	1,000 00
1 dwelling house for overseer.....	2,200 00
1 barn.....	400 00
Apparatus, tools, etc.....	1,025 54
	<hr/>
	\$10,125 54

DRAYTON PLAINS STATION:	
Land, buildings and permanent improvements, including ponds, dams, fences, residence, office and storage building and barn.....	\$10,500 00
Apparatus, tools, etc.....	1,970 02
	<hr/>
	\$12,470 02

DETROIT STATION:	
Hatchery building, including tanks and permanent improvements.....	\$7,000 00
945 hatching jars.....	1,181 25
1 boiler and pump.....	300 00
Fishery buildings on Belle Isle.....	600 00
Apparatus, tools, etc.....	476 50
	<hr/>
	\$9,557 75

OFFICE:	
Furniture, pictures and mounted specimens.....	\$1,151 75
Library, books and stationery.....	342 37
	<hr/>
	\$1,494 12

## SUMMARY.

Paris Station.....	\$26,564 92
Sault Station.....	11,744 35
Mill Creek Station.....	17,174 35
Harrietta Station.....	10,125 54
Drayton Plains Station.....	12,470 02
Detroit Station.....	9,557 75
Office.....	1,494 12
	<hr/>
	\$89,131 05

FINANCIAL STATEMENT.

CURRENT EXPENSES.

1906		
July 1	Balance on hand.....	\$894 34
	Received from State during quarter.....	8,268 75
	Received from S. Bower.....	03
	Vouchers paid during quarter.....	\$9,024 86
Sept. 30	Balance.....	138 26
		<u>\$9,163 12</u>
		<u>\$9,163 12</u>
Oct. 1	Balance on hand.....	\$138 26
	Received from State during quarter.....	8,268 75
	Vouchers paid during quarter.....	\$7,032 86
	Returned to State, "Unexpended balance of ap- propriation for former year".....	6 25
Dec. 31	Balance.....	1,367 90
		<u>\$8,407 01</u>
		<u>\$8,407 01</u>
1907		
Jan. 1	Balance on hand.....	\$1,367 90
	Received from State during quarter.....	8,268 75
Mar. 31	Vouchers paid during quarter.....	\$8,502 34
	Balance.....	1,134 31
		<u>\$9,636 65</u>
		<u>\$9,636 65</u>
April 1	Balance on hand.....	\$1,134 31
	Received from State during quarter.....	8,268 75
	Vouchers paid during quarter.....	\$8,655 55
June 30	Balance.....	747 51
		<u>\$9,403 06</u>
		<u>\$9,403 06</u>
July 1	Balance on hand.....	\$747 51
	Received from State during quarter.....	8,672 49
	Vouchers paid during quarter.....	\$9,305 09
Sept. 30	Balance.....	114 91
		<u>\$9,420 00</u>
		<u>\$9,420 00</u>
Sept. 1	Balance on hand.....	\$114 91
	Received from State during quarter.....	8,672 49
	Vouchers paid during quarter.....	\$7,892 60
	Returned to State, "Unexpended balance of ap- propriation for former year".....	2 20
Dec. 31	Balance.....	892 60
		<u>\$8,787 40</u>
		<u>\$8,787 40</u>

1908		
Jan. 1	Balance on hand.....	\$892 60
	Received from State during quarter.....	8,672 49
	Vouchers paid during quarter.....	\$7,788 64
Mar. 31	Balance.....	1,776 45
		<u>\$9,565 09</u>
		<u>\$9,565 09</u>
April 1	Balance on hand.....	\$1,776 45
	Received from State during quarter.....	8,672 49
	Vouchers paid during quarter.....	\$10,448 86
	Balance.....	08
		<u>\$10,448 94</u>
		<u>\$10,448 94</u>
SPECIAL PURPOSES.		
1906		
July 1	Balance on hand.....	\$6 94
	No vouchers paid until August, 1907.	
1907		
July 12	Received from State during quarter.....	3,400 00
	Vouchers paid during August and September.....	\$2,440 95
Sept. 30	Balance.....	965 99
		<u>\$3,406 94</u>
		<u>\$3,406 94</u>
Oct. 1	Balance on hand.....	\$965 99
	Received from State during quarter.....	5,000 00
	Vouchers paid during quarter.....	\$4,699 07
Dec. 31	Balance.....	1,266 92
		<u>\$5,965 99</u>
		<u>\$5,965 99</u>
1908		
July 1	Balance on hand.....	\$1,266 92
	Vouchers paid during quarter.....	\$572 01
Mar. 31	Balance.....	694 91
		<u>\$1,266 92</u>
		<u>\$1,266 92</u>
April 1	Balance on hand.....	\$694 91
	Received from State during quarter.....	2,000 00
	Vouchers paid during quarter.....	\$981 84
June 30	Balance.....	1,713 07
		<u>\$2,694 91</u>
		<u>\$2,694 91</u>

## HISTORICAL.

## COMMISSIONERS.

Under the Act of 1873 George Clark, of Ecorse, George H. Jerome, of Niles, and Governor John J. Bagley, of Detroit, ex officio, constituted the first Board of Fish Commissioners. They held their first meeting May 12th, 1873. George H. Jerome resigned June 15, 1874, to become Secretary and Superintendent, and Andrew J. Kellogg, of Allegan, was appointed Commissioner to fill the vacancy. This board was done away with by the reorganization act of 1875. Under this act the Governor, on April 24th, 1875, appointed Eli R. Miller for two years, Andrew J. Kellogg for four years, and George Clark for six years.

Eli R. Miller was reappointed January 1st, 1877, and retired at the expiration of his term, January 1st, 1883, and John H. Bissell, of Detroit, was appointed to succeed him. Mr. Bissell retired at the expiration of his term, January 1st, 1889, and Hoyt Post, of Detroit, was appointed as his successor. Mr. Post retired at the expiration of his term, January 1st, 1895, and F. B. Dickerson, of Detroit, succeeded him. His first term expired January 1st, 1901, and he was reappointed for six years. He retired at the expiration of his second term, January 1st, 1907, and Mr. D. H. Power, of Suttons was appointed to succeed him. Mr. Power's term will expire January, 1913.

Andrew J. Kellogg's first term under the act of 1875 expired January 1st, 1879, and he was reappointed for six years. He resigned June 1st, 1884, to become secretary, and Herschel Whitaker was appointed to fill the vacancy. In 1885 Mr. Whitaker was reappointed for six years, his second term expiring January 1st, 1901. He died May 5th, 1900, and Mr. Walter Schweikert, of Detroit, was appointed to fill the vacancy until the next session of the legislature, when George M. Brown, of Saginaw, was appointed to fill the remainder of Mr. Whitaker's term to January 1st, 1903. In 1903 he was reappointed for six years, his present term expiring January 1st, 1909.

George Clark died October 14, 1877, and Dr. Joel C. Parker, of Grand Rapids, was appointed to fill the vacancy. His term expired January 1st, 1881, and he was reappointed for six years, and at the expiration of that term, in January, 1887, he was again reappointed for six years, the term expiring January 1st, 1893, when he retired. Horace W. Davis, of Grand Rapids, was appointed to succeed him, his first term expiring January 1st, 1899, and he was reappointed for six years, the term expiring January 1st 1905. In June, 1902, he resigned as Commissioner and was appointed Overseer of Drayton Plains station. Mr. C. D. Joslyn, of Detroit, was appointed to fill the vacancy caused by Mr. Davis's resignation, the term expiring January 1st, 1905, when he was reappointed for six years, his present term expiring January 1st, 1911.

## SUPERINTENDENT.

George H. Jerome was acting superintendent from the first organization of the Commission, May 12, 1873, until June 15, 1874, when he resigned as Commissioner and was appointed superintendent, and served as such until September 15th, 1879, when his term expired and he refused a reappointment. James G. Portman, of Watervliet, was appointed superintendent September 15, 1879, to succeed Mr. Jerome, and served as such until September, 1882, when he was succeeded by Oren M. Chase. Mr. Chase served until November 11th, 1883, when he was drowned in Little Traverse Bay while in the performance of his duties. Thereupon Walter D. Marks was made acting superintendent and served in that capacity until March 26th, 1884, when he was appointed superintendent and served until June 30, 1893, when he was retired and Seymour Bower was appointed to succeed him and at this date, November 1st, 1908, is still serving in that capacity.

## SECRETARY.

George H. Jerome was secretary from the first organization of the Board, May 12th, 1873, until September 15th, 1879, when he withdrew from the Commission and James G. Portman was appointed to succeed him. Mr. Portman acted as secretary until September, 1882, when he was dismissed, and on February 19th, 1883, Herschel Whitaker was appointed secretary and served until June 1st, 1884, when he resigned and Andrew J. Kellogg was appointed to succeed him. Mr. Kellogg served as secretary until March 20th, 1888, when he resigned and George D. Mussey, of Detroit, was appointed, and at this date, (November 1st, 1908) is still serving as secretary.