

LARGE MOUTH BLACK BASS PLANTS, 1911.

ADVANCED FRY.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Allegan county:				
Green Lake	Leighton	B. P. Kenyon, Grand Rapids	June 5	6,000
Lester Lake	Lee	Anthony Doker, Grand Junction	June 9	4,000
Crooked Lake	Clyde	A Hutchinson, Bravo	June 9	6,000
Osterhout Lake	Lee	Samuel Dawes, Grand Junction	June 9	6,000
Lower Scott Lake	Lee	Mark Maw, Pullman	June 9	6,000
Upper Scott Lake	Lee	Chas. Horn, Pullman	June 9	6,000
Duncan Lake	Leighton	Gilbert A. Woodward, Caledonia	June 6	6,000
Barry county:				
Fine Lake	Johnstown	Willard A. Knight, Battle Creek	June 5	20,000
Mill Lake	Johnstown	J. O. Galloup, Battle Creek	June 5	4,000
Loon Lake	Assyria	M. O. Tuckerman, Battle Creek	June 5	4,000
Little Lake	Yankee Springs	C. R. Watson, P. M., Irving	June 6	4,000
Thornapple Lake	Castleton	E. V. Hammond, Vermontville	June 6	6,000
Gurnsey Lake	Yankee Springs	S. C. Greusel, Kalamazoo	June 7	6,000
Little Long Lake	Kalamazoo	S. C. Greusel, Kalamazoo	June 7	6,000
Holcomb Lake	Prairieville	S. C. Greusel, Kalamazoo	June 7	6,000
Blue Lake	Orangeville	S. C. Greusel, Kalamazoo	June 7	6,000
Pine Lake	Hope	D. P. Karns, Shultz	June 7	4,000
Wilkinson Lake	Hope	H. Green & Son, Delton	June 7	6,000
Fair Lake	Barry	Dewitt Collister, Delton	June 7	4,000
Ashby Lake	Hope	J. M. Payne, Hastings	June 7	6,000
Wall Lake	Hope	B. A. Burton, Hastings	June 7	4,000
Perch Lake	Hope	Frank Maynard, Shultz	June 7	6,000
Benzie county:				
Harris Lake	Inland	N. J. Roviek, Thnmpsonville	June 21	6,000
Berrien county:				
Sand Lake		W. H. Trasse, Sand Lake	June 9	4,000
Calhoun county:				
Kalamazoo Mill Pond	Marshall and Marengo	F. R. Moses, Marshall	May 24	6,000
Lee Lake	Newton	H. K. Culver, Ceresco	June 5	6,000
Warner Lake	Tekonsha	H. K. Culver, Ceresco	June 5	6,000
Eaton county:				
Narrow Lake	Brookfield	Garry C. Fox, Charlotte	June 6	6,000
Benett Park Pond	Charlotte City	Garry C. Fox, Charlotte	June 6	4,000
Lacey's Lake	Kalamo	L. Z. Slossom, Charlotte	June 6	4,000
Mud Lake	Kalamo	Bert Stevens, Vermontville	June 6	4,000
Round Lake	Vermontville	Orville Edwins, Woodbury	June 6	4,000
Lost Lake	Sunfield		June 14	4,000
Grand Traverse county:				
Looking Glass Lake	Sunfield	A. D. Childs, Sunfield	June 14	6,000
Beart Lake	Sunfield	Ray A. Childs, Sunfield	June 14	4,000
Sobby Lake	Sunfield	John Viels, Vermontville	June 14	4,000
Tamarack Lake	Sunfield	Peter Chatfield, Vermontville	June 14	4,000
Ingham county:				
Burden Lake	Fife Lake	Dr. D. E. Hills, Fife Lake	June 6	8,000
Grand River	White Oak	C. H. Lowe, Stockbridge	June 6	4,000
Ionia county:				
Pedler Lake	Onondaga	Wm. M. Carroll, Onondaga	June 6	4,000
Kalamazoo county:				
Eagle Lake	Campbell	E. A. Rising, Clarksville	June 14	4,000
Kalkaska county:				
North Selkirk Lake	Charleston	Otto Buechner, Battle Creek	June 5	4,000
South Selkirk Lake	Kalkaska	Clio Rosenberg, Kalkaska	June 6	6,000
Log Lake	Kalkaska	Clio Rosenberg, Kalkaska	June 6	6,000
Kittle Lake	Kalkaska	Claud Pangborn, Kalkaska	June 6	6,000
East Lake	Kalkaska	Claud Pangborn, Kalkaska	June 6	6,000
Round Lake	Orange	R. B. Spencer	June 6	6,000
Rainbow Lake	Cold Springs	P. A. Doyle, Mancelona	June 6	6,000
Kent county:				
Dutch Lake	Tyrone	Richard Headley, Bailey	June 5	4,000
Camp Lake	Algoma	B. H. Putnam, Sparta	June 5	6,000
Round and Long Lakes	Salem	C. S. Puelo, Kent City	June 5	6,000
Bostwick Lake	Cannoo	Bert Ramsdell, Rockford	June 13	6,000
Brower Lake	Courtland	Wm. Halfrye, Rockford	June 13	4,000
Horton Lakes	Spencer and Montcalm	R. M. Vanderlip, Gowen	June 15	6,000
Bass Lake	Spencer	Fred Holland, Gowen	June 15	6,000
Lake county:				
Lincoln Lake	Sweetwater	Geo. M. Brown, Detroit	June 8	6,000
Lapeer county:				
Milpond	Lapeer	E. J. Thrasher, Lapeer	June 3	6,000
Edmunds Pond	Lapeer	E. J. Thrasher, Lapeer	June 3	8,000
Nipissing Lake	Elba	E. J. Thrasher, Lapeer	June 3	4,000
Middle Lake	Elba	E. J. Thrasher, Lapeer	June 3	6,000
Millers Lake	Mayfield	E. J. Thrasher, Lapeer	June 3	4,000
Spears Lake	Mayfield	E. J. Thrasher, Lapeer	June 3	6,000
Elk Lake	Oregon	J. H. Brewer, Imlay City	June 3	8,000
Long Lake	Attica	Imlay City F. & G. Club, Imlay City	June 8	6,000
Pleasant Lake	Attica	Imlay City F. & G. Club, Imlay City	June 8	8,000
Elk Lake	Attica	Imlay City F. & G. Club, Imlay City	June 8	8,000
Clear Lake	Attica	Imlay City F. & G. Club, Imlay City	June 8	8,000
Bass Lake	Attica	Imlay City F. & G. Club, Imlay City	June 8	8,000
Rose Lake	Attica	Imlay City F. & G. Club, Imlay City	June 8	6,000
Goodrich Lake	Arcadia	A. D. Conley, Imlay City	June 8	4,000
	Arcadia	A. D. Conley, Imlay City	June 8	6,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Lapeer county.—Continued.				
Petz Lake.....	Imlay.....	Jess Burger, Capac.....	June 8	8,000
Bennis Lake.....	Imlay.....	H. M. Miller, Capac.....	June 8	6,000
Big Pond.....	Dryden.....	T. W. Van Kleeck, Dryden.....	June 9	6,000
Miller Lake.....	Dryden.....	T. W. Van Kleeck, Dryden.....	June 9	6,000
Five Lakes.....	Dryden.....	J. B. Hagaman, North Branch.....	June 9	14,000
Miller Lake.....	Deerfield.....	K. M. Barbour, North Branch.....	June 9	6,000
Barnes Lake.....	Deerfield.....	K. M. Barbour, North Branch.....	June 9	6,000
Livingston county:				
Bruin Lake.....	Woodville and Lyndon.....	Edwin Farmer, Stockbridge.....	June 6	8,000
Peterson Lake.....	Pulman.....	F. G. Marshall, Stockbridge.....	June 6	8,000
Bass Lake.....	Vandilla and Putnam.....	F. G. Marshall, Stockbridge.....	June 6	6,000
Wheatland Lake.....	Harland.....	Robt. McCall, Milford.....	June 12	8,000
Mason county:				
Round Lake.....	Sheridan.....	Ernest Jaser, Bachelor.....	June 8	8,000
Pere Marquette River.....	Amber.....	John Grey, Scottville.....	June 8	4,000
Lost Lake.....	Eden.....	J. F. Pleiness, Custer.....	June 8	6,000
Crystal Lake.....	Amber.....	T. R. Reader, Scottville.....	June 8	6,000
North Ox Bow Lake.....	Riverton.....	D. S. Beuka, Scottville.....	June 8	4,000
Tallman Lake.....	Branch.....	J. M. Willis & Son, Tallman.....	June 8	6,000
Gun Lake.....	Branch.....	Thos. S. Stephens, Freesoil.....	June 8	6,000
Ford Lake.....	Sheridan.....	Fountain Rod & Gun Club, Fountain.....	June 8	8,000
Blue Lake.....	Sheridan.....	Fountain Rod & Gun Club, Fountain.....	June 8	4,000
Manistee county:				
Shingle Mill Lake.....	Filer.....	Hugo Olson, Freesoil.....	June 8	6,000
Mecosta county:				
Town Line Lake.....	Mostly Colfax.....	F. C. Klisner, Big Rapids.....	June 6	6,000
Clear Lake.....	Colfax.....	P. W. Hathaway, Big Rapids.....	June 6	6,000
Rogers Power Pond.....	Big Rapids.....	M. C. Maxin, Big Rapids.....	June 6	8,000
Young's Lake.....	Grant.....	Samuel Troupe, Big Rapids.....	June 30	6,000
Montcalm county:				
Muscallonge Lake.....	Maple Valley.....	Jensen Bros., Trufant.....	June 15	6,000
Muskegon county:				
Ersines Lake.....	Blue Lake.....	John Mayer, Holton.....	June 3	4,000
Clear Lake.....	Cedar Creek.....	H. A. O'Connor, Holton.....	June 3	4,000
Mud Lake.....	Cedar Creek.....	H. A. O'Connor, Holton.....	June 3	4,000
Duck Lake.....	Cedar Creek.....	H. A. O'Connor, Holton.....	June 3	4,000
Crooked and Crocker Lakes.....	Cedar Creek.....	S. L. Skeels, Holton.....	June 3	8,000
Heart or Round Lakes.....	Holton.....	R. J. Patelski, Holton.....	June 3	4,000
Crooked, Old Joe's and Antwerp Lakes.....	Holton.....	R. J. Patelski, Holton.....	June 3	4,000

TWENTIETH REPORT—STATE FISHERIES.

Twin Lakes				
Bear Lake.....	Dalton.....	F. Johnson, Twin Lakes.....	June 3	6,000
Mona Lake.....	Muskegon and Laketon.....	E. D. Magoon, Muskegon.....	June 3	6,000
Little Black Lake.....	Norton.....	E. D. Magoon, Muskegon.....	June 3	6,000
Trent Mill Pond.....	Norton and Spring Lake.....	E. D. Magoon, Muskegon.....	June 3	6,000
Oberd Halt Lake.....	Casnovia.....	A. H. Armetage, Bailey.....	June 5	4,000
Canfield Lake.....	Casnovia.....	C. L. Gold, Bailey.....	June 5	4,000
	Blue Lake.....	J. J. Howden, Muskegon.....	June 7	4,000
Newaygo county:				
Little Robinson Lake.....	Sherman.....	F. Daenzner, White Cloud.....	June 5	4,000
Long Lake.....	Troy.....	Tony E. Gardner, Otia.....	June 5	6,000
Gipsy Lake.....	Beaver.....	Will T. Haskins, Otia.....	June 5	6,000
Blue Lake.....	Monroe.....	C. Strehlrich, White Cloud.....	June 5	6,000
Robinson Lake.....	Sherman.....	M. B. Draper, Grand Rapids.....	June 5	6,000
Crooked Lake.....	Monroe.....	Arthur Miller, Bailey.....	June 5	4,000
Crockery Creek.....	Grant.....	W. H. Bigelow, Chicago.....	June 5	12,000
Diamond Lake.....	Lincoln.....	G. S. Stauffer, Ravenna.....	June 7	6,000
Crockery Creek.....	Ravenna.....			
Oceana county:				
Pentwater Lake.....	Pentwater.....	S. D. Montgomery, Grand Rapids.....	June 7	8,000
Futter Lake.....	Leavitt.....	E. L. Bunting, Walkerville.....	June 7	4,000
Mud Lake.....	Leavitt.....	E. L. Bunting, Walkerville.....	June 7	4,000
Black Lake.....	Colfax.....	E. L. Bunting, Walkerville.....	June 7	4,000
Russell Lake.....	Colfax.....	E. L. Bunting, Walkerville.....	June 7	4,000
Round Lake.....	Golden.....	E. A. Post, Mears.....	June 7	8,000
Morris Lake.....	Golden.....	Fred A. Tart, Mears.....	June 7	8,000
Halberg Lake.....	Golden.....	Fred A. Tart, Mears.....	June 7	6,000
Osceola county:				
Pond by Dam of Hersey River.....	Richmond.....	H. J. Crocker, Reed City.....	June 15	6,000
Oakland county:				
Cass Lake.....	West Bloomfield.....	John Tyre, Pontiac.....	June 2	1,200
Green Lake.....	Independence.....	C. C. Craigie, Waterford.....	June 2	4,000
Maceday Lake.....	Waterford.....	C. C. Craigie, Waterford.....	June 2	8,000
Waterford Lake.....	Waterford and Independence.....	C. C. Craigie, Waterford.....	June 2	4,000
Lotus Lake.....	Waterford.....	C. C. Craigie, Waterford.....	June 2	4,000
Huntoon Lake.....	Waterford.....	C. C. Craigie, Waterford.....	June 2	4,000
Huron Lake.....	Waterford.....	C. C. Craigie, Waterford.....	June 2	4,000
Long Lake.....	Springfield.....	F. G. Ely, Davisburg.....	June 2	8,000
Lake Eliza.....	Springfield.....	J. H. Bush, Davisburg.....	June 3	8,000
Jumbo Lake.....	Springfield.....	Ira E. Kinney, Davisburg.....	June 3	6,000
Davisburg Mill Pond.....	Springfield.....	Ira E. Kinney, Davisburg.....	June 3	6,000
Orion Lake.....	Springfield.....	Ira E. Kinney, Davisburg.....	June 3	6,000
Orchard Lake.....	West Bloomfield.....	W. E. Flanders, Orchard Lake.....	June 6	10,000
Echo Lake.....	West Bloomfield.....	F. S. Campbell, Detroit.....	June 6	8,000
Silver Lake.....	Addison.....	G. W. Patton, Almont.....	June 9	10,000
Long Lake.....	Waterford.....	J. W. Stephens, Pontiac.....	June 9	8,000
Wilson Lake.....	Rose.....	Dr. W. McConnell, Fenton.....	June 10	22,000
Van Norman Lake.....	Holly.....	D. H. Colwell, Fenton.....	June 10	8,000
	Independence and Waterford.....	S. E. Thomas, Detroit.....	June 10	8,000

TWENTIETH REPORT—STATE FISHERIES.

Large Mouth Black Bass Plants, 1911.—Concluded.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
<i>Oakland county.—Continued.</i>				
Pond Lake	Waterford	H. W. Baer, Pontiac	June 10	10,000
Huron River, above dam	Milford	T. H. Padley, Milford	June 12	10,000
Huron River, below dam	Milford	T. H. Padley, Milford	June 12	10,000
Kent Lake	Milford	T. H. Padley, Milford	June 12	6,000
Moore Lake	Milford	R. S. Potts, Milford	June 12	8,000
Mc Withy Lake	White Lake	Frank Bailey, Milford	June 12	8,000
Steeple Hill Lake	Commerce	Tom Forbes, Milford	June 12	8,000
Three Mile Lake	Pontiac and Waterford	J. W. Jenkins, Pontiac	June 12	10,000
Lake Elizabeth	Waterford	A. L. Moore, Pontiac	June 13	12,000
Mountain View Lake	Waterford	A. McCollum, Pontiac	June 13	10,000
Watkins Lake	Waterford	R. F. Monroe, Pontiac	June 13	8,000
<i>Van Buren county:</i>				
Bangor Mill Pond	Bangor	A. V. Mc Kee, Bangor	June 9	6,000
Coffee Lake	Columbia	F. Reinschutte, Grand Junction	June 9	4,000
Saddle Lake	Columbia	Owen C. Eagen, Grand Junction	June 9	6,000
Silver Lake	Columbia	Owen C. Eageu, Grand Junction	June 9	4,000
Munson Lake	Columbia	H. A. Kinney, Grand Junction	June 9	6,000
Total				1,003,200

LARGE MOUTH BASS PLANTS, 1911.
FINGERLINGS NOS. 1, 2, 3 AND 4.

County and name of water.	Township.	Applicant or Depositor.	Date.	Number.
<i>Alcona county:</i>				
Vaughan Lake	Curtis	John Ross, Lott	June 20	4,000
North Lake	Curtis	C. E. Schoolcraft, Glennie	June 20	4,000
Hunter Lake	Curtis	C. E. Schoolcraft, Glennie	June 20	4,000
Curtis Lake	Curtis	Allen Paul, Glennie	June 20	4,000
Sand Lake	Mitchell	Stephen Evans, Hardy	June 20	4,000
Crooked Lake	Mitchell	Stephen Evans, Hardy	June 20	5,000
Cedar Lake	Greenbush and Oscoda	Ormand Mallery, Greenhush	June 20	7,500
<i>Alpena county:</i>				
Beaver Lake	Osseneke	D. D. Hanover, Alpena	June 16	7,500
Long Lake	Maple Ridge	John Beck, Alpena	Sept. 16	1,125
<i>Allegan county:</i>				
Round Lake	Valley and Clyde	F. W. Marshall, Bravo	June 30	500
<i>Antrim county:</i>				
Birch Lake	Milton	Dr. C. E. Long, Elk Rapids	June 21	5,000
High Lake	Milton	E. M. Bnnee, Chicago, Ill.	Sept. 7	425
<i>Barry county:</i>				
Mc Pharin Lake	Rutland	C. W. Mixer, Hastings	June 12	2,000
Otis Lake	Rutland	C. W. Mixer, Hastings	June 12	2,000
Leach Lake	Rutland	C. W. Mixer, Hastings	June 12	2,000
Podunk Lake	Rutland	C. W. Mixer, Hastings	June 12	2,000
Tanner Lake	Rutland	C. W. Mixer, Hastings	June 12	2,000
East Lake	Baltimore	C. W. Mixer, Hastings	June 12	2,000
Mixer Lake	Baltimore	C. W. Mixer, Hastings	June 12	2,000
Middle Lake	Baltimore	C. W. Mixer, Hastings	June 12	2,000
Clear Lake	Baltimore	C. W. Mixer, Hastings	June 12	2,000
Carter Lake	Hastings	C. W. Mixer, Hastings	June 12	2,000
Gregory Lake	Hastings	C. W. Mixer, Hastings	June 12	2,000
Long Lake	Hastings	C. W. Mixer, Hastings	June 12	2,000
Pond Lily Lake	Hastings	C. W. Mixer, Hastings	June 12	2,000
Robinson Lake	Hastings	C. W. Mixer, Hastings	June 12	2,000
Barber Lake	Carleton	C. W. Mixer, Hastings	June 12	2,000
Middle Lake	Carleton	C. W. Mixer, Hastings	June 12	2,000
Tison Lake	Hope	C. W. Mixer, Hastings	June 12	2,000
Bates Lake	Rutland	C. W. Mixer, Hastings	June 12	2,000
High Hill Lake	Assyria	P. K. Jewell, Assyria	June 17	2,000
Fine Lake	Johnson	E. A. Turner, Bedford	June 17	4,000

Large Mouth Black Bass Plants, 1911.—Continued.

County, and name of water.	Township.	Applicant or depositor.	Date.	Number.
Branch county:				
Blossom Lake	Sherwood	A. D. Kent, Sherwood	1911.	
Smead and Carry Lake	Batavia	F. T. Tappan, Coldwater	June 22	1,000
Morrison Lake	Coldwater	F. T. Tappan, Coldwater	July 3	450
			July 3	450
Calhoun county:				
Ackley Lake	Convis	J. E. Cook, Bellevue	June 14	3,000
Lane's Lake	Convis	O. L. Hubbard, Marshall	June 17	2,000
Garfield Lake	Convis	F. A. Stuart, Marshall	June 17	2,000
Cedar Lake	Fredonia	C. S. Seaman, Marshall	June 17	4,000
Squaw Lake	Fredonia	C. S. Seaman, Marshall	June 17	2,000
Fish Lake	Fredonia	F. S. Moses, Marshall	June 17	3,000
Chapins Lake	Marengo	L. F. McWethy, Marshall	June 17	2,000
Pardee Lake	Lee	H. C. Faulkner, Marshall	June 17	2,000
Lake of the Woods	Lee	H. C. Faulkner, Marshall	June 17	2,000
Shedd Lake East	Tekonsha	E. Sinclair, Tekonsha	June 22	1,500
Shedd Lake West	Tekonsha	E. Sinclair, Tekonsha	June 22	1,500
Cass county:				
Lime Lake	Newburg	Fred Marsh, Cassopolis	June 22	1,000
Wetherbee Lake	Newburg	Fred Marsh, Cassopolis	June 22	1,500
Driscoll Lake	Newburg	Fred Marsh, Cassopolis	June 22	1,000
Donald's Lake	Penn.	Frank Dennison, Vandalia	June 22	2,000
Shovehead Lake	Porter	Henry Sears, Vandalia	June 22	1,500
Birch Lake	Porter	Arthur Sears, Vandalia	June 22	1,000
Birch Lake	Porter	Arthur Sears, Vandalia	June 22	1,500
Diamond Lake	La Grange and Penn, Calvin and Jefferson	W. Hutchings, Cassopolis	July 2	750
Pine Lake	Jefferson and Howard	C. H. Kimmeler, Cassopolis	July 23	1,000
Grey Lake	Jefferson	C. H. Kimmeler, Cassopolis	July 28	1,000
Dewey Lake	Silver Creek	F. E. Tarrant, Chicagn	Aug. 5	150
Charlevoix county:				
Walloon Lake	Melrose and Evangeline	J. W. Hunter, Grand Rapids	June 10	4,000
Deer Lake	Boyne Valley	W. J. Pearson, Boyne Falls	June 30	500
Cheboygan county:				
Webber Lake	Mentor	Paul Harker, Wolverine	June 23	2,400
Singer Lake	Welmont	Robt. Gunning, Wolverine	June 23	2,400
Burt Lake	Tuscarora and Burt	J. W. Lester, Indian River	June 23	4,800
Mullett Lake	Burt	W. H. Chatfield, Detroit	June 23	4,800
Douglas Lake	Munro	Hon. H. T. Baker, Weadock	June 24	2,000
Munro Lake	Munro	Hon. H. T. Baker, Weadock	June 24	2,000
Lancaster Lake	Munro	Hon. H. T. Baker, Weadock	June 24	1,000
Clare county:				
Eight Point Lake	Garfield	Ed. B. Farrar, Ewart	June 14	4,000
Barnet Lake	Hatton	C. A. Klemann, Chicago	July 3	1,500
Fisher's Lake	Hatton	C. A. Klemann, Chicago	July 3	1,500
Munroe Lake	Surrey	C. W. Marshall, Farwell	July 3	1,000
Farwell Mill Pond	Surrey	John Marsh, Farwell	July 3	1,500
Crawford county:				
Section One Lake	Maple and Forest	Wm. S. Chalker, Waters	June 23	3,200
Portage Lake	Portage Lake	R. H. L'Hommedieu, Detroit	July 27	2,000
Eaton county:				
Pine Lake	Walton	L. Cook & Son, Olivet	June 14	4,000
Emmet county:				
Crooked Lake	Littlefield	Rufus L. Myers, Alanson	June 10	4,000
Pickrel Lake	Littlefield	Rufus L. Myers, Alanson	June 10	4,000
Carp Lake	Carp Lake and Hebron	O. C. Cope, Carp Lake	June 10	4,000
Crooked Lake	Littlefield	David Hastings, Conway	June 10	4,000
Grand Traverse county:				
Fife Lake	Fife Lake	C. E. Hodges, Fife Lake	June 10	3,000
Spider Lake	Union	Kingsley Sportsmen's Club, Kingsley	June 13	4,000
Rainey Lake	East Bay	Earl J. Case, Kingsley	June 13	4,000
Silver Lake	Garfield	B. Winnie, Traverse City	June 13	7,000
Silver Lake	Garfield	R. S. Hastings, Traverse City	June 13	3,000
Crooked or Hogsback Lake	Mayfield	R. S. Hastings, Traverse City	June 13	3,000
Truax Lake	Whitewater	G. C. Pray, Mabel	June 21	4,000
Bass Lake	Long Lake	G. E. Potragke, Traverse City	June 21	4,000
Dyer's Lake	Long Lake	D. J. Dyer, Traverse City	June 21	3,000
Bass Lake	Long Lake	D. J. Dyer, Traverse City	June 21	3,000
Rainer, Hogsback and Bass Lakes	Long Lake	R. B. De France, Kingsley	Sept. 28	1,950
Gratiot county:				
Pine River	Pine River	S. S. Dixon, St. Louis	June 13	3,000
Genesee county:				
Long Lake	Fenton	E. L. Bray, Flint	July 26	300
Hillsdale county:				
Moon Lake	Pittsford	H. B. Williams, Hudson	July 13	500
Long Lake	Reading	Frank Grover, Reading	July 14	2,000
Wilson Lake	Cambria	W. W. Weaver, Reading	July 14	1,000
Lime Lake	Wright	J. E. Palmer, Hudson	Aug. 23	750
Ingham county:				
Pine Lake	Meridian	E. V. Chilson, Lansing	June 14	3,000
Low Lake	Springport	C. H. Lowe, Stockbridge	June 24	2,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Iosco county:				
Indian Lake.....	Plainfield.....	C. W. Luce, East Tawas.....	1911.	
Bass Lake.....	Plainfield.....	C. W. Luce, East Tawas.....	June 16	7,500
Mud Lake.....	Plainfield.....	R. D. Brown, Hale.....	Oct. 6	6,000
Little Long Lake.....	Plainfield.....	Percy H. Wilson, Ackron.....	Oct. 6	300
Ionia county:				
Long Lake.....	Orleans.....	W. F. Bricker, Belding.....	June 12	4,000
Ravell's Pond.....	Orleans.....	Chas. Madden, Belding.....	June 12	2,000
Kiddville Pond.....	Orleans.....	Br. G. A. Stanton, Belding.....	June 12	3,000
Green's Lake.....	Orleans.....	Elmer E. Gales, Belding.....	June 12	2,000
Jackson county:				
Tompkins Mill Pond.....	Tompkins.....	H. W. Woodard, Tompkins.....	June 17	2,000
Clear Lake.....	Waterloo.....	M. L. Gorton, Chelsea.....	June 20	3,000
Clark's Lake.....	Columbia.....	H. A. Reece, Jackson.....	June 20	4,000
Minard Millpond or Sandstone Creek.....	Tompkins and Sandstone.....	J. G. Cheetham, Rives Junction.....	June 20	3,000
Gillett's Lake.....	Leoni.....	J. E. Green, Jackson.....	June 20	3,000
Grass Lake.....	Grass Lake.....	Chester R. Smith, Grass Lake.....	June 20	3,000
Lagoon in Loomis Park.....	Jackson City.....	W. W. Todd, Jackson.....	June 20	3,000
Stoney Lake.....	Napoleon.....	G. E. Rushton, Napoleon.....	June 24	1,500
Fay Lake.....	Norvell.....	W. T. Walker, Norvell.....	June 29	2,000
Bessey Lake.....	Norvell.....	S. A. Grant, Norvell.....	June 29	2,500
Swezey Lake.....	Norvell.....	B. F. Burgess, Norvell.....	June 29	1,500
Wilbur Lake.....	Pulaski.....	H. B. Williams, Hudson.....	July 13	1,000
Portage Lake.....	Jackson.....	Geo. E. Beebe, Jackson.....	Oct. 12	1,000
Kalamazoo county:				
Howard Lake.....	Schoolcraft.....	C. A. Morsel, Vicksburg.....	June 16	3,000
Sunset Lake.....	Schoolcraft.....	J. F. Fullmer, Vicksburg.....	June 16	3,000
Asylum Lake No. 2.....	Kalamazoo.....	J. A. Hoffman, Kalamazoo.....	June 16	3,000
Asylum Lake No. 1.....	Kalamazoo.....	J. A. Hoffman, Kalamazoo.....	June 16	3,000
Indian Lake.....	Brady and Pavilion.....	E. O. Goldsmith, Vicksburg.....	June 16	4,000
West Lake.....	Portage.....	J. A. Pyl, Kalamazoo.....	June 16	4,000
Thrall Lake.....	Portage.....	J. A. Pyl, Kalamazoo.....	June 16	3,000
Crooked Lake.....	Brady.....	C. Van Tassell, Vicksburg.....	June 16	3,000
Pine Island Lake.....	Texas.....	J. W. Powers, Kalamazoo.....	Aug. 5	300
	Texas.....	J. W. Powers, Kalamazoo.....	Aug. 5	225
Kent county:				
Whippoorwill Lake.....	Grattan and Oakfield.....	J. E. Taylor, Belding.....	June 12	2,000
Deer Lake.....	Oakfield.....	J. E. Taylor, Belding.....	June 12	2,000
Sand Lake.....	Nelson and Pierson.....	F. E. Shattuck, Sand Lake.....	June 12	3,000
Pine Lake.....	Nelson.....	Wm. Coomer, Sand Lake.....	June 12	2,000
Reed's Lake.....	Grand Rapids.....	L. D. Lamarter, Sand Lake.....	June 15	4,000
Emmons Lake.....	Caledonia.....	G. A. Woodward, Caledonia.....	June 17	2,000
Pickkerel Lake.....		Mich. Fish Commission.....	Oct. 14	300

Lake county:				
Star Lake.....	Lake.....	Geo. R. Lyons, Hesperia.....	June 17	5,000
Watermill Lake.....	Cherry Valley.....	C. Hagerman, Ludington.....	June 17	3,000
Switzer Lake.....	Cherry Valley.....	C. Hagerman, Ludington.....	June 17	3,000
Malley's Lake.....	Cherry Valley.....	Thos. Malley, Decatur.....	June 17	2,000
Cool Lake.....	Eik and North Range.....	Earl Fairbanks, Dublin.....	June 17	6,000
Leelanau county:				
Leg Lake.....	Leelanau.....	G. M. Dame, Northport.....	July 29	350
Lenawee county:				
Dewey Lake.....	Medina.....	H. B. Williams, Hudson.....	July 13	1,000
Devil's Lake.....	Woodstock.....	H. B. Williams, Hudson.....	July 13	2,000
Evans Lake.....	Franklin.....	H. B. Williams, Hudson.....	July 13	1,000
John Cox Lake.....	Woodstock.....	Dr. J. E. Palmer, Brooklyn.....	July 14	750
Little Stoney Lake.....	Cambridge.....	M. F. Griffin, Brooklyn.....	July 14	1,000
Livingston county:				
Pardee Lake.....	Geneva.....	R. E. Barron, Howell.....	June 17	5,000
Long Lake.....	Hartland.....	H. J. Lee, Milford.....	July 7	1,500
Long Lake.....	Hartland.....	M. C. Williams, Milford.....	July 7	2,000
Manistee county:				
Portage Lake.....	Maple Grove.....	Hans. A. Wendel, Onokama.....	May 12	400
Lake Siama.....		J. J. Makiner, Kaleva.....	June 17	5,000
Mecosta county:				
Bissell's Lake.....	Hinton.....	Henry Moore, Lakeview.....	June 15	3,000
Lost Lake.....	Chippewa.....	F. Malmstone, Barryton.....	June 19	2,000
Mungar Lake.....	Fork.....	F. Malmstone, Barryton.....	June 19	3,000
Mill Pond of No. & So. Br. Chippewa River.....	Fork.....	F. Malmstone, Barryton.....	June 19	3,000
Diamond Lake.....	Martiny and Sheridan.....	F. Malmstone, Barryton.....	June 19	3,000
Moiles Lake.....	Sheridan.....	F. Malmstone, Barryton.....	June 19	3,000
Diamond Lake.....	Martiny and Sheldon.....	F. Malmstone, Barryton.....	June 19	2,000
Evans Lake.....	Chippewa.....	F. Malmstone, Barryton.....	June 19	3,000
Chippewa Lake.....	Chippewa.....	F. Malmstone, Barryton.....	June 19	3,000
Roger's Pond.....	Mecosta, Anstin, Colfax and Big Rapids.....	Chippewa Park Assn., Big Rapids.....	June 19	3,000
Montmorency county:				
Gregg Lake.....	Montmorency.....	M. E. Darragh, Big Rapids.....	June 14	3,000
Silver Lake.....	Montmorency.....	J. M. Clark, Onaway.....	June 14	4,500
Avery Lake.....	Albert.....	J. M. Clark, Onaway.....	June 14	6,000
West Twin Lake.....	Albert.....	Alfred Parker, Atlanta.....	June 27	2,500
Fish Lake.....	Albert.....	Geo. F. Sachs, Lewiston.....	June 27	3,000
Montcalm county:				
Race Lake.....	Fairplains.....	Geo. F. Sachs, Lewiston.....	June 27	2,000
Clear or Grass Lake.....		F. J. Harlan, Belding.....	June 12	2,000
Cedar Lake.....	Home.....	B. P. Angell, Belding.....	June 12	2,000
Marl Lake.....	Richland.....	P. E. Curtis, Edmore.....	June 12	2,000
Offnear Lake.....	Home.....	P. E. Curtis, Edmore.....	June 12	2,000
Lake Horseshoe.....	Fairplains.....	L. D. Curtis, Edmore.....	June 12	2,000
		W. H. Angell, Belding.....	June 12	3,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Montcalm county.—Continued.				
Minoka Lake	Eureka	R. G. Ecker, Greenville	June 13	2,000
Como Lake	Eureka	R. C. Ecker, Greenville	June 13	2,000
Hunter Lake	Eureka	Wm. Chase, Greenville	June 13	3,000
Turk Lake	Montcalm	Wm. Chase, Greenville	June 13	2,000
Perch Lake	Montcalm	Wm. Chase, Greenville	June 13	3,000
Fish Lake	Montcalm	Wm. Chase, Greenville	June 13	3,000
Bass Lake	Richland	J. W. Pfeiffer, Edmore	June 13	3,000
Six Lakes	Belvidere	R. Fleck, Six Lakes	June 13	3,000
Bass Lake	Belvidere	David Wortley, Lakeview	June 13	3,000
Horseshoe Lake	Belvidere	Jos. Kimmelt, Six Lakes	June 15	2,000
Big Brimmer Lake	Cato	F. Faling, Lakeview	June 15	3,000
Pickereel Lake	Cato	B. E. Keyt, Lakeview	June 15	3,000
Town Line Lake	Cato	D. Wortley, Lakeview	June 15	3,000
Tamarack Lake	Cato	C. W. Vining, Lakeview	June 15	3,000
Little Brimmer Lake	Cato	F. Moore, Lakeview	June 15	2,000
Horton Lake	Montcalm	Henry Paulson, Gowen	June 15	2,000
Clifford Lake	Douglas	J. W. Campbell, Stanton	June 19	3,000
Mud Lake		E. A. Kemp, Greenville	Oct. 12	250
Newaygo county:				
Pickereel Lake	Goodwell	H. P. Olson, Woodville	June 15	2,000
Pickereel Lake	Garfield	A. I. Forman, Newaygo	June 17	3,000
Ogemaw county:				
Frost Lake	Edwards	John Tolfree, West Branch	June 22	2,000
Edwards Lake	Edwards	John Tolfree, West Branch	June 22	2,000
Sidney Lake	West Branch	John Tolfree, West Branch	June 22	2,000
George Lake	Edwards and Horton	John Tolfree, West Branch	June 22	3,000
Crapo Lake	West Branch	John Tolfree, West Branch	June 22	3,000
Town Line Lake	Rose and Goodar	O. L. Rakestraw, Lupton	Oct. 6	300
North Lake	Cummings	O. L. Rakestraw, Lupton	Oct. 6	300
Green Lake	Rose	O. L. Rakestraw, Lupton	Oct. 6	300
Oakland county:				
Walled Lake	Fairplains	M. A. Porter, Northville	June 12	2,500
No Name	Highland	J. T. Van Buren, Clyde	July 7	1,500
White Lake	White Lake and Highland	A. E. Ormond, Milford	July 7	2,500
Andrus Lake	Hartland and Highland	J. N. Weaver, Milford	July 7	1,500
Grass Lake	White Lake	Robert Drummond, Milford	July 7	1,500
Crawford Lake	Bloomfield	Hugh Chalmers, Detroit	July 26	1,000
Fond Lake	Waterford	Mich. Fish Commission, Detroit	July 26	1,500
Lake Orion	Orion	J. E. Bolles, Detroit	Sept. 8	1,250
Campbell Lake	Waterford	Mich. Fish Commission, Detroit	Sept. 18	1,000
Woodhull Lake	Waterford	Mich. Fish Commission, Detroit	Sept. 18	1,000
Loon Lake				
Three Mile Lake	Waterford	Mich. Fish Commission, Detroit	Sept. 18	1,200
Walled Lake	Fontiac and Waterford	Mich. Fish Commission, Detroit	Sept. 25	600
	Novi and Commerce	D. F. Griswold, Northville	Aug. 23	500
Oscoda county:				
O'Brien's Lake	Mentor	Geo. F. Russell, Mc Kinley	June 20	3,000
Oceana county:				
Mud Lake	Ferry	Dan Bragg, Shelby	June 10	3,000
Round Lake	Shelby	Dan Bragg, Shelby	June 10	2,000
Pentwater Lake	Pentwater	C. F. Lewis, Pentwater	June 10	3,000
Osceola county:				
Diamond Lake	Burdette	Hon. J. M. Perry, Tustin	June 10	3,000
Wright and Grover Lakes	Evart	Wm. F. Ramsey, Evart	June 14	3,000
Ottawa county:				
Cove Lake or Stern's Bayou	Robinson	Hon. H. W. Clark, Grand Haven	June 13	3,000
Ossego county:				
Guthro Lake	T. 29 3 W. and T. 28 3 W.	E. S. Chalker, Waters	June 23	4,000
Clear Lake	Chester	Chris. Freeburg, Johannesburg	June 23	2,400
Crapo Lake	29 R. 11-14 2 W.	Arnold Boutell, Saginaw	June 27	2,500
Presque Isle county:				
Lake of the Woods	Presque Isle	R. E. Ellsworth, Alpena	June 14	9,000
Grand Lake	Severel	F. W. Blake, Alpena	June 14	12,000
Tuttle Lake	Rogers and Pulaski	B. G. Larke, Rogers	June 14	7,500
Swan Lake	Pulaski	B. G. Larke, Rogers	June 14	6,000
Lake Nettle	Bismark	H. Horwitz, Hawks	June 14	7,500
Grand Lake	Presque Isle	J. E. Kauffman, Presque Isle	Sept. 16	1,250
Roscommon county:				
Campbell's Lake	Nester	John Tolfree, West Branch	June 22	3,000
Mari Lake	Gerrish	W. H. Lansing, Roscommon	June 22	5,000
Higgins Lake	Gerrish	W. H. Lansing, Roscommon	June 22	8,000
Higgins Lake	Gerrish	E. D. Church, Saginaw	July 27	1,400
Saginaw county:				
Saginaw River		W. J. Hunsaker, Saginaw	July 22	2,400
St. Joseph county:				
Mud Lake	Lockport	P. Mead, Three Rivers	June 22	1,000
Kaiser Lake	Fabius	L. F. Constantine, Three Rivers	June 22	1,500
Portage Lake	Mendon	F. S. Collier, Vicksburg	June 16	3,000
Tuscola county:				
Grass Lake	Drayton	Geo. Hamilton, Mayville	June 13	4,500
Dollar Lake	Drayton	Geo. Hamilton, Mayville	June 13	3,000
Cat Lake	Drayton	M. L. Bird, Mayville	June 13	4,500
Harmon Lake	Drayton	E. G. Fox, Mayville	June 13	6,000
Phelps Lake	Drayton	E. G. Fox, Mayville	June 13	6,000

Large Mouth Black Bass Plants, 1911.—Concluded.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Washtenaw county:				
Huron River.....	Superior.....	M. Whitman, Ypsilanti.....	June 17	8,000
Cavanaugh Lake.....	Sylvan.....	John Kalmbach, Chelsea.....	June 17	4,000
Mirror Lake.....	Sylvan.....	John Kalmbach, Chelsea.....	June 17	3,000
Cassiday Lake.....	Lyndon.....	John Kalmbach, Chelsea.....	June 17	4,000
Long Lake.....	Lyndon.....	John Kalmbach, Chelsea.....	June 17	4,000
Silver Lake.....	Freedom.....	A. J. Waters, Manchester.....	June 29	1,500
Manchester Pond.....	Manchester.....	A. J. Waters, Manchester.....	June 29	2,000
Globe Pond.....	Tecumseh.....	H. P. Hoyt, Tecumseh.....	June 29	1,500
Big and Little Portage Lakes.....	Tecumseh.....	R. H. Killian, Ypsilanti.....	June 20	1,750
Wayne county:				
Coomer Lake.....	Van Buren.....	A. E. Smith, Belleville.....	June 17	4,000
Huron River.....	Van Buren.....	A. E. Smith, Belleville.....	June 17	5,000
Eloise Pond.....	Nankin.....	Dr. J. J. Marker, Eloise.....	Aug. 25	3,000
River Rouge.....	Nankin.....	Chas. Daniels, Detroit.....	Sept. 1	600
Total.....				684,875

WALL-EYED PIKE PLANTS, 1911.

Fry.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Allegan county:				
Osterhout Lake.....	Lee.....	Walter E. Sheffer, Grand Junction.....	May 20	150,000
Trobig Pond.....	Otsego and Trobig.....	Allen Dunfield, Otsego.....	May 31	125,000
Schanable Lake.....	Watson.....	Allen Dunfield, Otsego.....	May 31	125,000
Linsley Spring Pond.....	Hopkins.....	W. F. Tiefenthal, Hopkins.....	May 31	100,000
Lower Scott Lake.....	Lee.....	Chas. Horn, Pullman.....	May 24	75,000
Upper Scott Lake.....	Saugatuck.....	Chas. Horn, Pullman.....	May 24	75,000
Kalamazoo Lake.....	Saugatuck.....	Chas. E. Bird, Saugatuck.....	May 24	75,000
Tyler's Bayou.....	Saugatuck.....	D. A. Heath, Saugatuck.....	May 24	75,000
Kalamazoo River.....	Saugatuck.....	D. A. Heath, Saugatuck.....	May 24	75,000
Kalamazoo River.....	Saugatuck.....	Jas. Perry, Douglas.....	May 24	75,000
Green Lake.....	Leighton.....	B. P. Kenyon, Grand Rapids.....	May 16	75,000
Alpena county:				
Long Lake.....	Severl.....	Jas. Bowden, Alpena.....	May 17	360,000
Long Lake.....	Severl.....	John Beck, Alpena.....	May 17	360,000
Antrim county:				
Grass Lake.....	Severl.....	A. B. Wooten, Bellaire.....	May 18	100,000
Six Mile Lake.....	Echo.....	L. Van Skiver, Ellsworth.....	May 18	100,000
Bentley's Lake.....	Ranks.....	W. A. Boss, Ellsworth.....	May 18	75,000
Barry county:				
Fine Lake.....	Johnstown.....	Willard A. Knight, Battle Creek.....	May 20	400,000
Lake Twenty-one.....	Hope.....	O. J. Kingsbury, Cloverdale.....	May 20	100,000
Long Lake.....	Hastings.....	Scott McIntosh, Quimby.....	May 22	75,000
Ashby Lake.....	Hope.....	J. M. Payne, Hastings.....	May 20	75,000
Mud Lake.....	Hope.....	Ovid Chamberlin, Cloverdale.....	May 29	100,000
Twenty-one Lake.....	Hope.....	Pete Kingsley, Cloverdale.....	May 29	100,000
Long Lake.....	Hope.....	B. Dickinson, Hastings.....	May 29	100,000
Perch Lake.....	Hope.....	Frank Maynard, Shultz.....	May 29	75,000
Pine Lake.....	Prairieville.....	Arthur Shelp, Doster.....	May 31	125,000
Gun Lake.....	Yankee Springs and Orangeville.....	Ed. J. Anderson, Plainwell.....	May 16	100,000
Wall Lake.....	Barry.....	M. M. Manning, Delton.....	May 29	100,000
Benzie county:				
Big Platte Lake.....	Benzonia and Lake.....	R. A. Conklin, Honor.....	May 18	125,000
Berrien county:				
Gallen River.....	New Buffalo.....	Wm. Schermack, New Buffalo.....	May 19	360,000
Long Lake.....	Berrien.....	F. D. Layman, Berrien Centre.....	May 19	150,000
Madden Lake.....	Buchanan.....	M. Landysun, Buchanan.....	May 16	75,000
Paw Paw Lake.....	Watervliet.....	A. A. Woodward, Coloma.....	May 24	100,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Branch county: Dean Lake	Sherwood	Henry Runyan, Sherwood	May 31	100,000
Calhoun county: Hall's Lake	Sheridan	Floyd A. Andrews, Albion	May 20	100,000
Prairie Lake	Clarence	W. H. Riever, Albion	May 20	100,000
Brace Lake	Marshall	H. C. Faulkner, Marshall	May 20	175,000
Ackley Lake	Convis	O. R. Cummings, Belaire	May 31	100,000
Ceresco Pond	Marshall	Henry Lehman, Ceresco	May 16	75,000
Cass county: Wood and Lime Lakes	Porter and Newburg	Claude Marsh, Jones	May 19	300,000
Ellie Lake	Newburg	Ed. Lamb, Jones	May 19	210,000
Driscoll Lake	Newburg	C. F. Trattles, Jones	May 19	150,000
Stone Lake	La Grange	Fred Marsh, Cassopolis	May 19	240,000
Hutchings Lake	Newburg	Fred Marsh, Cassopolis	May 19	210,000
Dewey Lake	Silver Creek	Joe W. Burke, Dowagiac	May 20	175,000
Birch Lake	Porter	Arthur Sears, Vandalia	May 19	180,000
Diamond Lake	La Grange	Gordon Hain, Cassopolis	May 19	360,000
Bunker Lake	Volinia	Floyd Brown, Marcellus	May 25	75,000
So. Part of Goose Lake	Jefferson	Thos. T. Higgins, Cassopolis	May 31	100,000
Hutchings Lake	Newburg	Fred Marsh, Cassopolis	May 31	150,000
Lilly Lake	Newburg	Fred Marsh, Cassopolis	May 31	75,000
Dristel and Bear Lakes	Munising	Ed. Lamb, Jones	May 31	100,000
Eagle Lake	Ontwa	Perry L. Turner, Elkhart, Ind.	May 25	100,000
Fish Lake	Marcellus	C. S. Cosselman, Marcellus	May 25	100,000
Bogart Lake	Newburg	Hugh Mc Gee, Marcellus	May 25	75,000
Charlevoix county: Walloon Lake	Melrose and Evangeline	R. Metcalf, Petoskey	May 20	75,000
Cheboygan county: Mullett Lake	Sevela	W. H. Chatfield, Detroit	May 23	750,000
Mullett Lake	Sevela	Clyde King, Indian River	May 23	625,000
Burt Lake	Sevela	J. J. Jones, Indian River	May 23	750,000
Clare county: Bass Lake	Garfield	B. C. Grant, Chippewa	May 16	150,000
Silver Lake	Freeman	John Ferwerda, Falmouth	May 16	150,000
Sand Lake	Surrey	F. E. Oliver, Farwell	May 16	150,000
Eight Point Lake	Garfield	F. S. Postal, Evart	May 16	375,000
Clinton county: Park Lake	Bath	Myles F. Gray, Lansing	May 22	300,000

TWENTY-SEVENTH REPORT—STATE FISHERIES.

Eaton county: Bobby Lake	Sunfield	John Vile, Vermontville	May 27	100,000
Looking Glass Lake	Sunfield	A. D. Childs, Sunfield	May 27	100,000
Pine Lake	Walton	L. Cook & Son, Olivet	May 31	125,000
Emmet county: Pickrel Lake	Littlefield	Rufus L. Myers, Alanson	May 20	100,000
Crooked Lake	Litchfield	Rufus L. Myers, Alanson	May 20	150,000
Round Lake	Bear Creek	Henry Lindig, Petoskey	May 20	75,000
Genesee county: Long Lake	Fenton	E. L. Bray, Flint	May 22	450,000
Grand Traverse county: Silver Lake	Garfield and Blair	R. S. Hastings, Traverse City	May 18	100,000
Silver Lake	Garfield and Blair	Wm. Saunders, Traverse City	May 18	100,000
Round Lake		Dr. C. E. Long, Elk Rapids	May 29	250,000
Spider Lake	East Bay	Traverse City Rod & Gun Club, Traverse City	May 18	100,000
Hogsback and Crooked Lakes	Mayfield and East Bay	R. S. Hastings, Traverse City	May 18	100,000
Green Lake	Green Lake	R. B. De France, Kingsley	May 15	100,000
Porter Lake	Mayfield	R. B. De France, Kingsley	May 15	75,000
Blue Lake	Union	Kingsley Sportsmens' Club, Kingsley	May 15	75,000
Black Lake	Union	Kingsley Sportsmens' Club, Kingsley	May 15	75,000
Tennie Lake	Union	Kingsley Sportsmens' Club, Kingsley	May 15	75,000
Hogsback Lake	Paradise	Kingsley Sportsmens' Club, Kingsley	May 15	75,000
Fife Lake	Fife Lake	J. S. Hodges, Fife Lake	May 20	75,000
Gratiot county: Half Moon Lake	Seville	Eber Loomis, Elwell	May 17	75,000
Pine River	Pine River	S. S. Dixon, St. Louis	May 17	100,000
Hillsdale county: Sand Lake	Hillsdale	Wm. C. Kemp, Hillsdale	May 22	300,000
Ionia county: Long Lake	Orleans	Wm. Orser, Belding	May 17	75,000
Jordan Lake	Odessa and Woodland	Edwin Shelhorn, Lake Odessa	May 27	150,000
Iosco county: Long Lake	Plainfield	Frank Eymier, Ellake	May 17	360,000
Lake Van Etta	Oscoda	A. R. Weir, Au Sable	May 17	270,000
Hale Lake	Plainfield	R. D. Brown, Hale	May 17	180,000
Loon Lake	Plainfield	R. D. Brown, Hale	May 17	360,000
Indian Lake	Plainfield	C. W. Luce, East Tawas	May 17	300,000
Isabella county: Hall's Lake	Broomfield	J. M. Swisher, Remus	May 27	100,000
Weidman Pond	Sherman and Nottawa	M. A. Drallette, Weidman	May 27	100,000
Coldwater Lake	Nottawa	Rob't. Hyslop, Weidman	May 27	100,000
Scott Lake	Nottawa	Rob't. Hyslop, Weidman	May 27	75,000

TWENTY-SEVENTH REPORT—STATE FISHERIES.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Jackson county:				
Grass Lake	Grass Lake	Chester R. Smith, Grass Lake	May 20	225,000
Stony Lake	Napoleon	M. E. Russell, Napoleon	May 22	600,000
Gillett's Lake	Leon	J. E. Green, Gillett's Lake	May 22	300,000
Clark's Lake	Columbia	H. A. Reece, Jackson	May 22	300,000
Kalamazoo county:				
Gull Lake	Several	J. O. Galloup, Battle Creek	May 20	375,000
Howard's Lake	Kalamazoo	A. H. Hoffman, Kalamazoo	May 20	125,000
Lower Wells Lake	Schoolcraft	C. L. Davis, Schoolcraft	May 25	100,000
Black Lake	Schoolcraft	Marshall Heisrodt, Schoolcraft	May 25	75,000
Howard's Lake	Schoolcraft	Bert E. Beebe, Vicksburg	May 25	75,000
Hogshead Creek	Schoolcraft	C. R. Fellows, Schoolcraft	May 25	75,000
Kalkaska county:				
Kettle Lake	Kalkaska	Clio Rosenberg, Kalkaska	May 20	50,000
No. Selkirk Lake	Kalkaska	Clio Rosenberg, Kalkaska	May 20	50,000
So. Selkirk Lake	Kalkaska	Clio Rosenberg, Kalkaska	May 20	75,000
Manistee Lake	Cold Springs	R. W. Douglas, Darragh	May 20	100,000
Kent county:				
Reed's Lake	Grand Rapids	I. J. DeLamerter, Grand Rapids	May 31	150,000
Grand River	Grand Rapids	Mich. Fish Commission, Detroit	May 31	300,000
Whippoorwill Lake	Gratton and Oakfield	J. E. Taylor, Belding	May 27	75,000
Mc Kewen Lake	Lowell	Chas. E. Brown, Alto	May 26	150,000
Bass Lake	Spencer	Fred Holland, Gowen	May 17	75,000
Deer Lake	Oakfield	J. E. Taylor, Belding	May 17	50,000
Ware's Lake	Nelson and Pierson	Frank Allen, Sand Lake	May 15	75,000
Middle Lake or Springs	Solon	Earl Rasco, Sand Lake	May 15	75,000
Sand Lake	Nelson	Chas. W. Williams, Sand Lake	May 15	75,000
Leelanau county:				
Bright's Lake	Kassau	G. W. Fralick, M. D., Maple City	May 18	100,000
Carp Lake	Several	Albert Meafoy, Provemont	May 18	150,000
Lenawee county:				
Devil's Lake	Woodstock	H. E. Hind, Devil's Lake	May 22	300,000
Devil's Lake	Woodstock	W. J. Hampton & Son, Manitou Beach	May 22	300,000
Manistee county:				
Bear Lake	Bear Lake and Pleasanton	J. P. Maise, Bear Lake	May 18	150,000

Leelanau county:				
Turtle Lake	Sheridan	Philip Weaver, Bachelor	May 16	150,000
Tullman Lake	Branch	Ernest Jaser, Bachelor	May 16	300,000
Round Lake	Sheridan	Ernest Jaser, Bachelor	May 16	300,000
Lincoln Lake	Pere Marquette	R. C. Bridge, Ludington	May 16	300,000
St. Mary's Lake	Riverton	D. Betka, Scottville	May 16	150,000
Hamlin Lake	Hamlin and Victory	J. D. Buckingham, Ludington	May 16	450,000
North Ox Bow Lake	Riverton	C. P. Lewis, Pentwater	May 24	75,000
Bass Lake	Summit and Pentwater	C. P. Lewis, Pentwater	May 24	100,000
Mecosta county:				
Bissell's Lake	Hintou	Henry Moore, Lakeview	May 17	75,000
Diamond Lake	Marting and Sheridan	Frank Malmstone, Barryton	May 17	75,000
Mungar Lake	Fork	Frank Malmstone, Barryton	May 17	75,000
Moiles Lake	Sheridan	Frank Malmstone, Barryton	May 17	75,000
Millpond of No. and So. Br. of Chippewa River	Fork	Frank Malmstone, Barryton	May 17	75,000
Evans Lake	Chippewa	Frank Malmstone, Barryton	May 17	75,000
Lost Lake	Chippewa	Frank Malmstone, Barryton	May 17	75,000
Pine Lake	Chippewa	Frank Malmstone, Barryton	May 17	75,000
Lake 28	Wheatland	J. M. Swisher, Remus	May 17	75,000
Meeker Lake	Sheridan	R. P. Swisher, Remus	May 27	100,000
Ginrich Lake	Wheatland	J. M. Swisher, Remus	May 27	100,000
Pickereel Lake	Wheatland	J. M. Swisher, Remus	May 27	75,000
School Section Lake	Grant	Samuel Troupe, Big Rapids	May 20	75,000
Chippewa Lake	Morton	Frank Shaler, Mecosta	May 27	100,000
Pretty Lake	Chippewa	Chippewa Park Assn., Big Rapids	May 27	150,000
John Brown Lake	Martiny	E. C. Lewis, Mecosta	May 27	100,000
	Martiny	J. T. Ray, Barryton	May 27	75,000
Missaukee county:				
Long Lake	Caldwell	E. A. Beuthien, Lake City	May 15	100,000
Missaukee Lake	Several	E. A. Beuthien, Lake City	May 15	100,000
Dyer Lake	Caldwell	T. H. Reeder, Lake City	May 15	100,000
Long Lake	Lake	John Seafuse, Lake City	May 15	100,000
Loon Lake	Pioneer	Ed. Baldwin, Lake City	May 15	75,000
Montcalm county:				
Horseshoe Lake	Fairplains	Albert Jenks, Fenwick	May 17	75,000
Tamarack Lake	Cato	John E. Seat, Lakeview	May 17	75,000
Rock Lake	Richland	A. B. Stauffer, Vestaburg	May 27	100,000
Bass Lake	Richland	Wm. Caris, Vestaburg	May 27	75,000
Deaner Lake	Richland	Wm. Caris, Vestaburg	May 27	75,000
Duck Pond	Maple Valley	J. A. Freeman, Coral	May 27	75,000
Long Lake	Douglas and Belvidere	F. E. Curtis, Edmore	May 27	100,000
Little Whitefish Lake	Pierson	B. J. King, Pierson	May 27	50,000
Big Brimmer Lake	Cato	Fernier Moore, Lakeview	May 17	50,000
Town Line Lake	Cato	Fred Faling, Lakeview	May 17	50,000
Farnsworths Lake	Cato and Belvidere	D. Wortley, Lakeview	May 17	75,000
Horseshoe Lake	Pine	L. B. Farnsworth, Lakeview	May 17	50,000
Grass Lake	Belvidere	Jos. Kimmell, Six Lakes	May 17	75,000
	Fairplains	Alfred N. Shaw, Fenwick	May 17	75,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Montcalm county—Continued.				
Big Spruce Lake	Maple Valley	John Freeman, Coral	May 17	50,000
Cody Lake	Maple Valley	John Freeman, Coral	May 17	50,000
Pickeral Lake	Cato	B. E. Keyt, Lakeview	May 17	50,000
Whitefish Lake	Pierson	C. W. Hartt, Pierson	May 15	75,000
Montmorency county:				
Sucker Lake	Hillman	Thos. McCaffrey, Hillman	May 17	150,000
Thunder Bay River	Hillman	Ford C. Rea, Hillman	May 17	300,000
Muskegon county:				
White Lake	Montague	Paul G. Kling, Montague	May 24	100,000
Big Blue Lake	Blue Lake	Hon. F. J. Russell, Hart	May 24	100,000
Bear Lake		E. D. Magoon, Muskegon	May 24	100,000
Newaygo county:				
Crockery Creek	Crockery	L. C. Murray, Coopersville	May 18	75,000
Conover Lake	Ensley	A. L. Brown, Sand Lake	May 15	50,000
Bobtist Lake	Grove	C. W. Hartt, Pierson	May 15	50,000
Oakland county:				
Davisburg Millpond	Springfield	I. E. Kenney, Davisburg	May 13	150,000
Round Lake	Springfield	I. E. Kenney, Davisburg	May 13	90,000
Jumbo Lake	Springfield	I. E. Kenney, Davisburg	May 13	90,000
Lake Eliza	Springfield	I. E. Kenney, Davisburg	May 13	150,000
Kirley Lake	Springfield	Clarence S. Longacre, Davisburg	May 13	90,000
Long Lake	Springfield	Clarence S. Longacre, Davisburg	May 13	240,000
Werdon Lake	Springfield	Clarence S. Longacre, Davisburg	May 13	150,000
Deer Lake	Independence	John King, Clariston	May 20	360,000
Cass Lake	West Bloomfield	H. J. C. Wagner, Detroit	May 22	450,000
Walled Lake	Novi and Commerce	M. A. Porter, Northville	May 22	450,000
Van Norman Lake	Independence and Waterford	S. E. Thomas, Detroit	May 20	540,000
Long Lake	Rose	Dr. W. C. McConnell, Fenton	May 22	450,000
Pond Lake	Waterford	H. W. Baer, Pontiac	May 22	450,000
Oceana county:				
Pentwater Lake	Pentwater	S. D. Montgomery, Grand Rapids	May 24	100,000
Ree Dee Lake	Leavitt	E. L. Bunting, Walkerville	May 24	75,000
Pe-Ba-Ma Lake	Colfax	E. L. Bunting, Walkerville	May 24	50,000
Crystal Lake	Hart	Wm. R. Roach, Hart	May 24	100,000
Ogemaw county:				
Sidney Lake	West Branch	John Tolfree, West Branch	May 23	125,000
George Lake	Edwards and Horton	John Tolfree, West Branch	May 23	125,000
Piper Lake	Sec. 1 T. 2 and 3	John Tolfree, West Branch	May 23	125,000
Frost Lake	Edwards	John Tolfree, West Branch	May 23	125,000
Edwards Lake				
Edwards Lake	Edwards	John Tolfree, West Branch	May 23	125,000
Crapo Lake	West Branch	John Tolfree, West Branch	May 25	125,000
Mills Lake	Richland	Henry Zeran, Prescott	May 17	300,000
Sage Lake	Hill	J. E. Ranger, Hale	May 17	300,000
De Yone Lake	Cumming	O. L. Rakestraw, Lupton	May 17	240,000
Black Lake	Cumming	O. L. Rakestraw, Lupton	May 17	60,000
Oseola county:				
Wright and Grover Lakes	Ewart	Wm. F. Famsay, Ewart	May 16	250,000
Strawberry Lake	Lake and Cedar	C. F. Shaw, Ewart	May 16	175,000
Big Lake	Lake and Orient	C. F. Shaw, Ewart	May 16	200,000
Ottawa county:				
Spring Lake	Spring Lake	Samuel Falls, Spring Lake	May 18	100,000
Saginaw county:				
Saginaw River		W. S. Linton, Saginaw	May 18	625,000
St. Joseph county:				
Kaiser Lake	Fabius	L. F. Constantine, Three Rivers	May 19	150,000
Coray Lake	Fabius	L. F. Constantine, Three Rivers	May 19	360,000
Fisher Lake	Lockport and Park	Claude Felker, Three Rivers	May 19	240,000
St. Joe Power Pond	Lockport	S. L. Handy, Three Rivers	May 19	360,000
Klinger Lake		Perry L. Turner, Elkhart, Ind.	May 25	120,000
Hog Lake	Burr Oak	W. H. Bordner, Burr Oak	May 25	90,000
Van Buren county:				
Lake Cora	Paw Paw	Clarence E. Fox, Lake Cora	May 20	150,000
Maple Lake	Paw Paw and Antwerp	R. D. Loveland, Paw Paw	May 20	225,000
Pugley's Lake		L. W. Arnold, Paw Paw	May 20	175,000
Three Mile Lake	Paw Paw	Wm. M. Kirkwood, Paw Paw	May 20	175,000
Saddle Lake	Columbia	O. C. Egan, Grand Junction	May 20	300,000
Little Bear Lake	Columbia	E. B. Eddy, Grand Junction	May 20	150,000
Lake Moon	Geneva	J. A. Gibson, Lacota	May 20	90,000
Base Line Lake	Columbia	J. A. Gibson, Lacota	May 20	90,000
Saddle Lake	Columbia	A. B. Lyster, Breedsville	May 31	100,000
Bangor Mill Pond	Bangor and Arlington	Archie V. McKee, Bangor	May 24	125,000
Washtenaw county:				
Huron River	Superior	M. Whitman, Ypsilanti	May 22	450,000
Wayne county:				
Coomer Lake and Huron River	Van Buren	A. E. Smith, Bellevue	May 18	625,000
Detroit River		Mich. Fish Commission, Detroit	May 23	2,000,000
Wexford county:				
Woodward Lake	Selma	E. E. Bunyca, Bunyca	May 15	75,000
Total				38,920,000

PERCH PLANTS, 1911.

Fry.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Allegan county:				
Eagle Lake	Allegan	W. H. Spayde, Bloomingdale	May 16	80,000
Green Lake	Leighton	B. P. Kenyon, Grand Rapids	May 16	120,000
Swan Lake	Cheshire	I. E. Tripp, Allegan	May 16	120,000
Barry county:				
Sawmill Lake	Johnston	E. A. Turner, Bedford	May 16	120,000
Fine Lake	Johnston	Hon. W. A. Knight, Battle Creek	May 16	200,000
Podunk Lake	Rutland	C. W. Mixer, Hastings	May 17	120,000
Leach Lake	Carlton	C. W. Mixer, Hastings	May 17	120,000
Otis Lake	Carlton	C. W. Mixer, Hastings	May 17	120,000
Dowd Lake	Rutland	C. W. Mixer, Hastings	May 17	120,000
Carter Lake	Rutland	C. W. Mixer, Hastings	May 17	120,000
Middle Lake	Hastings	C. W. Mixer, Hastings	May 17	120,000
Sugarbush Lake	Hastings	C. W. Mixer, Hastings	May 17	120,000
Long Lake	Carleton	C. W. Mixer, Hastings	May 17	120,000
	Irving	Seymour A. Reigler, Freeport	May 17	160,000
	Hastings	Scott Mc Intosh, Quimby	May 22	80,000
Berrien county:				
Clear Lake	Buchanan	A. A. Worthington, Buchanan	May 16	80,000
Pike Lake	Bertrand	J. E. Scott, Buchanan	May 16	80,000
Little Indian Lake	Berrien	Otto Radewald, Niles	May 16	80,000
Murphy Lake	Berrien	Calvin Murphy, Berrien Centre	May 16	80,000
Smith Lake	Berrien and Cass	Calvin Murphy, Berrien Centre	May 16	120,000
Calhoun county:				
Hall's Lake	Sheridan	Floyd A. Andrews, Albion	May 16	80,000
Prairie Lake	Clarence	W. H. Reiver, Albion	May 16	240,000
Millpond Kalamazoo River	Marshall	W. J. Claybourne, Marshall	May 16	120,000
Williams Lake	Marshall	W. J. Claybourne, Marshall	May 16	120,000
Warner Lake	Marengo	H. K. Culver, Ceresco	May 16	120,000
St. Mary's Lake	Tekonsha	H. H. Warner, Battle Creek	May 16	120,000
Turtle Lake	Bedford	H. H. Warner, Battle Creek	May 16	120,000
	Burlington	C. H. Lowell, Union City	May 25	840,000
Charlevoix county:				
Deer Lake	Wilson and Boyne City	Terry S. Barber, Boyne City	May 20	120,000
Cheboygan county:				
Douglas Lake	Munro	Hon. H. F. Baker, Weadock	May 24	160,000
Munro Lake	Munro	Hon. H. F. Baker, Weadock	May 24	160,000
Crawford county:				
Portage Lake	Frederic	C. P. Mickelson, Mason	May 24	160,000
Howes Lake	Frederic	Marius Hanson, Grayling	May 24	120,000

Emmet county:				
Round Lake	Bear Creek	Henry Lindig, Petoskey	May 20	120,000
Genesee county:				
Hosler Lake	Davison and Etba	E. Mc Cormick, Davison	May 23	120,000
Copanoic Lake	Grand Blanc, Fenton and Holly	A. D. Banker, Grand Blanc	May 23	120,000
Grand Traverse county:				
Spider Lake	East Bay	Kingsley Sportsmen's Club, Kingsley	May 15	160,000
Rennie Lake	Union	Kingsley Sportsmen's Club, Kingsley	May 15	160,000
Hogsback or Crooked Lake	Mayfield and East Bay	Kingsley Sportsmen's Club, Kingsley	May 15	120,000
Silver Lake	Garfield	R. S. Hastings, Traverse City	May 18	160,000
Fife Lake	Fife Lake	D. E. Hills, Fife Lake	May 20	120,000
Trux Lake	Whitewater	G. C. Pray, Mabel	May 18	120,000
Cedar Hedge Lake	Green Lake	W. Pennington, Interlochen	May 18	160,000
Buck Lake	Green Lake	W. Pennington, Interlochen	May 18	160,000
Ionia county:				
Grand River	Lyons and Portland	J. C. Schultz, Portland	May 17	120,000
Woodward Lake	Ronald	Ira Conkey, Shiloh	May 17	80,000
Iosco county:				
Long Lake	Plainfield	E. C. Luce, Ellike	May 19	160,000
Enola Lake	Plainfield	G. W. Vrooman, Toledo, O	May 19	120,000
Kalamazoo county:				
Viley Lake	Alamo	H. W. Phillips, Alamo	May 16	80,000
Matteson Lake	Alamo	H. W. Phillips, Alamo	May 16	80,000
Asylum Lake No. 1	Kalamazoo	J. A. Hoffman, Kalamazoo	May 16	80,000
Asylum Lake No. 2	Kalamazoo	J. A. Hoffman, Kalamazoo	May 16	120,000
Austin Lake	Portage	S. J. Wykkel, Kalamazoo	May 16	120,000
Kent county:				
Pine Island Lake	Plainfield	Wm. Valentine, Grand Rapids	May 13	120,000
Camp Lake	Algoma	B. H. Putnam, Sparta	May 18	120,000
Myers Lake	Courtland	Geo. Myers, Rockford	May 20	120,000
Emmons Lake	Caledonia	G. A. Woodward, Caledonia	May 22	80,000
Round Lake	Algoma and Solon	A. H. Sauer, Kent City	May 18	80,000
Long Lake	Solon	A. H. Sauer, Kent City	May 18	120,000
Lake county:				
Perch Lake	Elk	Geo. M. Brown, Detroit	May 18	120,000
Lincoln Lake	Lake	Geo. M. Brown, Detroit	May 18	120,000
Chain Lakes	Lake	Geo. M. Brown, Detroit	May 18	120,000
Star Line Lake	Lake	Geo. R. Lyons, Hesperia	May 18	200,000
Lapeer county:				
Vanderpool Lake	Rich	E. D. Courtwright, Mayville	May 17	120,000
Pleasant Lake	Attica	Imlay City Fish & Game Club, Imlay C'y	May 23	80,000
Long Lake	Attica	Imlay City Fish & Game Club, Imlay C'y	May 23	120,000
Elk Lake	Attica	Imlay City Fish & Game Club, Imlay C'y	May 23	120,000

Perch Plants, 1911.—Concluded.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Lapeer county.—Continued.				
Bass Lake.....	Arcadia.....	Imlay City Fish & Game Club, Imlay C'y	May 23	120,000
Clear Lake.....	Arcadia.....	Imlay City Fish & Game Club, Imlay C'y	May 23	120,000
Rose Lake.....	Arcadia.....	A. D. Conley, Imlay City.....	May 23	120,000
Cranberry Lake.....	Arcadia.....	G. W. Caldwell, Imlay City.....	May 23	120,000
Lenawee county:				
Round Lake.....	Rollin.....	W. E. Alchin, Townley.....	May 22	120,000
Brownell's Lake.....	Rollin.....	F. A. Burns, Addison.....	May 22	80,000
Devil's Lake.....	Rollin and Woodstock.....	W. J. Hampton & Son, Manitou Beach.....	May 22	120,000
Devil's Lake.....	Woodstock.....	H. E. Hand, Devil's Lake.....	May 22	160,000
Livingston county:				
Whalen Lake.....	Hartland.....	J. T. Watkins, Milford.....	May 23	80,000
Maxfield Lake.....	Hartland.....	T. H. Padley, Milford.....	May 23	80,000
Round Lake.....	Hartland.....	M. D. Linden, Milford.....	May 23	80,000
Manistee county:				
Fortage Lake.....	Oneskama.....	Hans A. Wendel, Oneskama.....	May 17	320,000
Mecosta county:				
Clear Lake.....	Colfax.....	W. H. Redmond, Big Rapids.....	May 15	120,000
Missaukee county:				
Lake Missaukee.....	Reeder and Lake.....	F. D. McGregor, Lake City.....	May 15	160,000
Montcalm county:				
Whitefish Lake.....	Pierson.....	B. S. Davenport, Pierson.....	May 15	120,000
Rock Lake.....	Richland.....	A. B. Stauffer, Vestaburg.....	May 16	160,000
Grass Lake.....	Fairplains.....	Archie Sweers, Shiloh.....	May 17	160,000
Horseshoe Lake.....	Fairplains.....	H. H. Decker, Shiloh.....	May 17	120,000
Town Line Lake.....	Cato and Belvidere.....	C. W. Vining, Lakeview.....	May 17	160,000
5 Lakes in a collection between Ingham and West Lakes.....	Pine.....	Allen House, Coral.....	May 17	160,000
Big Spruce Lake.....	Maple Valley.....	J. A. Freeman, Coral.....	May 17	80,000
Cody Lake.....	Maple Valley.....	J. A. Freeman, Coral.....	May 17	80,000
Duck Pond.....	Maple Valley.....	J. A. Freeman, Coral.....	May 17	80,000
Muskegon county:				
Hibs Lake.....	Casnovia.....	C. L. Gold, Bailey.....	May 18	80,000
Henter's Lake.....	Twin Lake.....	A. U. Quint, Twin Lake.....	May 18	80,000
Crockery Creek and Tribs.....	Casnovia and others.....	Arthur Thomas, Bailey.....	May 18	120,000
Goose Egg Lake.....	Dalton.....	E. F. Wadsworth, Twin Lake.....	May 18	80,000
Mc Graw's Lake.....	Mentor.....	J. W. Mc Graw, Maltby.....	May 19	120,000
Oshtemo county:				
Diamond Lake.....	Lincoln.....	Capt. W. H. Bigelow, Chicago.....	May 18	120,000
Power Pond at Croton on Muskegon River.....	Croton.....	Geo. L. Erwin, Grand Rapids.....	May 18	160,000
Robinson's Lake.....	Sherman.....	Chas. Streichhisch, White Cloud.....	May 18	120,000
Little Robinson Lake.....	Sherman.....	Fred Daenzer, White Cloud.....	May 18	120,000
Peck's Lake.....	Sherman.....	Fred Daenzer, White Cloud.....	May 18	120,000
Long Lake.....	Sherman.....	John R. Grant, Fremont.....	May 18	120,000
Dutch Lake.....	Sherman.....	J. Kemperman, Fremont.....	May 18	160,000
Crystal Lake.....	Wooster.....	H. Kemperman, Fremont.....	May 18	120,000
Crystal Lake.....	Sherman.....	Frank Foster, Wooster.....	May 18	120,000
Oakland county:				
Sears Lake.....	Milford.....	T. H. Padley, Milford.....	May 23	80,000
Huron River.....	Milford.....	T. H. Padley, Milford.....	May 23	80,000
Kent Lake.....	Milford and Lyon.....	T. H. Padley, Milford.....	May 23	80,000
Commerce Chain of Lakes.....	Milford and Commerce.....	T. H. Padley, Milford.....	May 23	120,000
Steeple Hill.....	Commerce.....	T. H. Padley, Milford.....	May 23	80,000
Long Lake.....	White Lake.....	Tom Forbes, Milford.....	May 23	80,000
Moore Lake.....	Milford.....	T. H. Padley, Milford.....	May 23	80,000
Mc Whitney Lake.....	Milford.....	R. S. Potts, Milford.....	May 23	80,000
Kellogg's Lake.....	White Lake.....	Frank Bailey, Milford.....	May 23	80,000
Lake Pettibone.....	Highland.....	C. E. Lovejoy, Milford.....	May 23	80,000
Lake Pettibone.....	Highland.....	W. S. Lovejoy, Milford.....	May 23	80,000
Osceola county:				
Diamond Lake.....	Burdette.....	Hon. J. M. Perry, Tustin.....	May 15	120,000
Ottawa county:				
Cora Lake or Stearn's Bayou.....	Robinson.....	Walter T. G. Penny, Grand Haven.....	May 18	200,000
Spring Lake.....	Spring Lake.....	Samuel Falls, Spring Lake.....	May 18	160,000
Tuscola county:				
Cat Lake.....	Dayton.....	M. L. Bird, Mayville.....	May 17	120,000
Pbelps Lake.....	Dayton.....	W. Whitehead, Mayville.....	May 17	120,000
Van Buren county:				
Spring Lake.....	Keeler.....	Wm. Hoffman, Hartford.....	May 16	120,000
Moon Lake.....	Geneva.....	J. H. Meyer, Lacola.....	May 16	80,000
Bankson Lake.....	Porter.....	M. A. Quinlan, Bankson Lake.....	May 16	120,000
Washtenaw county:				
Cassidy Lake.....	Lyndon.....	Hon. J. Kalmbach, Chelsea.....	May 22	120,000
Mirror Lake.....	Lyndon.....	Hon. J. Kalmbach, Chelsea.....	May 22	120,000
Big and Little Perch Lake.....	Lyndon.....	R. H. Killian, Ypsilanti.....	May 22	160,000
Total.....				15,360,000

PERCH FINGERLINGS, 1911.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Branch county: Branch Creek.....	Coldwater and Ovid.....	Branch Co. Rod & Gun Club, Coldwater.	May 8	375
Coldwater Chain of Lakes.....			May 8	375
Ingham county: Pine Lake.....	Mendon.....	E. V. Chilson, Lansing.....	Aug. 9	600
Jackson county: Portage Lake.....	Waterloo and Henrietta.....	Geo. E. Beebe, Jackson.....	Oct. 12	600
Kent county: Reed's and Fish Lakes.....	Grand Rapids.....	L. J. De Lamarter, Grand Rapids.....	Aug. 8	525
Oakland county: Orchard Lake.....	West Bloomfield.....	F. S. Campbell, Detroit.....	Aug. 28	1,200
Van Buren county: Maple Lake.....	Paw Paw and Antwerp.....	R. D. Loveland, Paw Paw.....	Aug. 10	375
Wayne county: Eloise Pond.....	Nankin.....	Dr. J. J. Marker, Eloise.....	Aug. 25	800
Coomer Lake.....	Van Buren.....	A. E. Smith, Belleville.....	Aug. 25	1,000
Huron River.....	Van Buren.....	A. E. Smith, Belleville.....	Aug. 25	1,000
Total.....				6,850

SMALL AND SUNFISH PLANTS, 1911.
FINGERLINGS, YEARLINGS AND ADULTS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Branch county: Coldwater River and chain of small lakes connected by this River.....	Coldwater.....	F. T. Tappan, Coldwater.....	Aug. 23	600
Ingham county: No Name.....			July 19	1,200
Jackson county: Artificial Lake Lagoon in Loomis Park.....	City of Jackson.....	W. W. Todd, Jackson.....	June 24	100
Portage Lake.....	Waterloo and Henrietta.....	Geo. E. Beebe, Jackson.....	Oct. 12	350
Total.....				2,250

TOTALS OF PLANTS FOR THE YEAR 1911.

Brook Trout, Fry.....	5,095,000
Brook Trout, Fingerlings.....	10,000
Brook Trout, Yearlings.....	2,404,500
Brook Trout, Advanced Fry.....	156,000
Rainbow Trout, Fingerlings.....	300,000
Brown Trout, Fry and Advanced Fry.....	3,032,000
Black Spotted Trout, Fry.....	15,000
Lake Trout, Fry and Advanced Fry.....	400,000
Landlocked Salmon, Fingerlings.....	150,000
Small Mouth Black Bass, Advanced Fry.....	1,000,000
Small Mouth Black Bass, Fingerlings Nos. 1, 2, 3 and 4.....	684,975
Large Mouth Black Bass, Fingerlings Nos. 1, 2, 3 and 4.....	38,020,000
Wall-eyed Pike, Fry.....	15,000,000
Perch, Fingerlings.....	9,500
Bluegills and Sunfish, Fingerlings, Yearlings and Adults.....	2,300

BROOK TROUT PLANTS, 1911

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Alger county:				
Au Train River.....	Rock River.....	H. R. Harris, Marquette.....	April 26	15,000
Brs. of No. Manistique River.....	Munising.....	H. A. St. John, Marquette.....	April 26	6,000
Anna River.....	Munising.....	H. A. St. John, Marquette.....	April 26	3,000
Miner's Run.....	Rock River.....	H. A. St. John, Marquette.....	April 26	4,500
Bobamian Creek.....	Munising.....	H. A. St. John, Marquette.....	April 26	3,000
Furnace Creek.....	Munising.....	H. A. St. John, Marquette.....	April 26	3,000
Statt's Creek.....	Rock River.....	H. A. St. John, Marquette.....	April 26	3,500
Buck Creek.....	Several.....	H. R. Harris, Marquette.....	April 26	6,000
Stapneck Creek.....		Jas. G. Gibson, Munising.....	May 14	12,000
Indian River.....		Geo. Wileys, Detroit.....	May 14	10,000
Little Indian River.....		Geo. Wileys, Detroit.....	May 14	4,000
Bull Creek.....	Autrain and Munising.....	W. F. Cox, Wetmore.....	May 14	30,000
Big Indian River.....	Munising.....	W. F. Cox, Wetmore.....	May 14	8,000
Hartney's Creek.....	Munising.....	W. F. Cox, Wetmore.....	May 14	6,000
Red Jack's Springs and Creeks.....	Au Train.....	W. F. Cox, Wetmore.....	May 14	4,000
Robison's Creek.....	Munising.....	W. F. Cox, Wetmore.....	May 14	4,000
Bull Creek.....				
Alcona county:				
Sucker Creek.....	Alcona.....	Oscar Larson, Spruce.....	Mar. 30	6,000
Muskat Creek.....	Milleo.....	Richard Collins, Alpena.....	Mar. 30	12,000
Newton Creek.....	Caledonia.....	C. W. Edwards, Alpena.....	Mar. 30	6,000
Mitchell Creek.....	Mitchell.....	C. W. Edwards, Alpena.....	Mar. 30	4,000
Little Wolf Creek.....	Cuners.....	D. D. Hanover, Alpena.....	Mar. 30	6,000
Silver Creek.....	Caledonia.....	D. D. Hanover, Alpena.....	Mar. 30	6,000
Wildcat Creek.....	Caledonia.....	Jas. Briselden, Alpena.....	Mar. 30	6,000
West Branch Creek.....	Caledonia.....	W. A. Blackburn, Alpena.....	Mar. 30	4,000
Little Gilchrist Creek.....	Caledonia.....	R. E. Ellsworth, Alpena.....	Mar. 30	6,000
Pine River.....	Millen.....	Daniel Lavier, Lincoln.....	Mar. 29	8,000
Bluff Creek.....	Hawes.....	Daniel Lavier, Lincoln.....	Mar. 29	10,000
West Branch Creek.....	27 N. of 6 and 7 E.....	W. S. Linton, Saginaw.....	Mar. 29	10,000
Sucker Creek.....	27 N. of R. 8 E.....	W. S. Linton, Saginaw.....	Mar. 29	12,000
Black River.....	Alcona.....	Geo. Luce, East Tawas.....	April 16	10,500
No. Branch Creek.....	Several.....	John Macgregor, Harrisville.....	April 16	6,000
West Branch.....	Hawes.....	John Macgregor, Harrisville.....	April 16	4,500
Mill Creek.....	Harrisville.....	A. L. Noyes, Harrisville.....	April 16	3,000

Brook Trout Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Allegan county:				
Silver Creek	Cooper	J. H. Sligar, Kalamazoo	Mar. 11	3,000
Silver and Abrams Creeks	Gun Plains	Wm. Crisp, Plainwell	Mar. 8	4,500
Chart, Abrams, Delano and Neeley's Creeks	Gun Plains	Ed. Anderson, Plainwell	Mar. 8	6,000
Plummer Creek	Ganges	N. G. Nelson, Fennville	Mar. 18	3,000
Mann's Creek	Manlius	W. H. Whitbeck, Fennville	Mar. 18	7,500
Swan Creek	Valley	A. L. Whitbeck, Fennville	Mar. 18	3,000
Laraway Creek	Wayland	Geo. N. Dean, Shelbyville	Mar. 25	3,000
Adsit Creek	Watson	Allen Dunfield, Otsego	Mar. 7	1,500
Bayley March Creek	Cheshire and Valley	Fitz Hamilton, Allegan	Mar. 7	3,000
Rodger's Creek	Allegan	Herbert H. Menery, Allegan	Mar. 7	3,000
Dowds Creek	Allegan	Chas. E. Bond, Allegan	Mar. 7	4,500
Bear Creek	Allegan	Herbert Baker, Allegan	Mar. 7	6,000
Sand Creek	Allegan	L. F. Strich, Allegan	Mar. 7	3,000
Alpena county:				
Upper South Branch	Several	Dr. W. E. Carr, Alpena	Mar. 30	10,000
No Name	Long Rapids	John Nilson, Leer	Mar. 30	6,000
Devil River	Sanborn	C. W. Luce, East Tawas	April 16	7,500
Beaver Creek	Ossineke	C. W. Luce, East Tawas	Mar. 30	10,000
Scott Creek	Ossineke	C. W. Edwards, Alpena	Mar. 30	4,000
Trout Creek	Alpena	J. Donovan, Alpena	Mar. 30	2,000
Godfrey Creek	Green	Robt. H. Rayburn, Alpena	Mar. 30	4,000
Davis Creek	Ossineke	Robt. E. Ellsworth, Alpena	Mar. 30	6,000
Berlinski Creek	Sanborn and Ossineke	Robt. E. Ellsworth, Alpena	Mar. 30	6,000
Berlinski Creek	Sanborn	Robt. E. Ellsworth, Alpena	Mar. 30	10,000
Antrim county:				
Racket River	Chestonia	D. H. Meeker, Alba	April 8	2,000
Green River	Chestonia	R. C. Bennett, Alba	April 8	6,000
Jordan River	Chestonia	F. M. Parker, Alba	April 8	10,000
Landslide Creek	Chestonia	Albert A. Strickland, Alba	April 8	2,000
Racket River	Chestonia	Albert A. Strickland, Alba	April 8	4,000
Cascade Creek	Chestonia	Orville W. Wiltse, Alba	April 8	4,000
Jordan River	Chestonia	Wm. Weaver & Son, Elmira	April 9	8,000
Little Manistee River	Near Deward	Wm. Brower, Mancelona	April 12	16,000
Headwaters of Cedar River	Mancelona	C. L. Bailey, Mancelona	April 12	16,000
Cold Creek	Custer	J. W. Verdier, Mancelona	April 12	2,000
Finch Creek	Custer and Helena	J. W. Verdier, Mancelona	April 12	4,000
Bartholomew Creek	Echo	Carl Stroebel, East Jordan	April 12	3,000
Gould Creek	Jordan	H. S. Pinney, East Jordan	April 10	3,000
Spencer Creek	Helena	Chas. H. Coy, Alden	April 10	3,000
Cedar River	Kearney and Chestonia	A. B. Wooten, Bellaire	April 10	6,000
Cold Creek	Custer	A. B. Wooten, Bellaire	April 10	3,000
Posses Creek	Banks	Henry Stenik, Ellsworth	April 10	3,000
Ore Creek	Banks and Marion	L. Van Skiver, Ellsworth	April 10	4,500
Arenac county:				
Miles Creek	Deep River	Francis Avery, Standish	April 6	4,000
Omer, Cedar and Willis Creeks	Gibson	Francis Avery, Standish	April 6	6,000
No. Br. of Deep River	Gibson	Francis Avery, Standish	April 6	4,000
Lindy Creek	Arenac	Francis Avery, Standish	April 6	4,000
Warner Creek	Deep River	Francis Avery, Standish	April 6	4,000
Cooler Creek	Arenac	Francis Avery, Standish	April 6	4,000
Demmo Creek	Maple Ridge	Francis Avery, Standish	April 6	4,000
Trib. to Deep River	Standish	Francis Avery, Standish	April 6	4,000
South Omer Creek	Deep River	Francis Avery, Standish	April 6	4,000
South Omer Creek	Standish	Francis Avery, Standish	April 6	6,000
Cooper Creek	Deep River	Francis Avery, Standish	April 6	4,000
Deep River	Sterling	Francis Avery, Standish	April 6	4,000
Hopties Creek	Heads in Deep River	Francis Avery, Standish	April 6	4,000
Stier's Creek	Adams	Francis Avery, Standish	April 6	4,000
Pine River	Deep River	Jas. R. Adams, Sterling	April 6	2,000
Parmelee Creek	Several	Jas. R. Adams, Sterling	April 6	4,000
Barry county:				
Trib. to Wanandoger Creek	Assyria	Hugh S. Jones, Bellevue	Mar. 12	1,500
Ellis Brook	Assyria	Hugh S. Jones, Bellevue	Mar. 12	4,500
Bagley Creek	Orangeville	A. D. Shelp, Doster	Mar. 26	3,000
Tributary to Gull Lake	Prairieville	Arch Sootsman, Cressey	Mar. 26	1,500
Glass Creek	Several	Dougall Campbell, Cloverdale	Mar. 26	4,500
Trib. to Thornapple River	Thornapple	A. C. Hindman, Grand Rapids	April 15	4,500
Kelly Creek	Baltimore	C. W. Mixer, Hastings	April 15	1,500
Upper Cedar Creek	Baltimore	C. W. Mixer, Hastings	April 15	6,000
West Creek	Baltimore	C. W. Mixer, Hastings	April 15	3,000
Mc Coltum Creek	Rutland and Hastings	C. W. Mixer, Hastings	April 15	7,500
Tamarac Creek	Hope	C. W. Mixer, Hastings	April 15	3,000
Cedar Creek	Baltimore	W. J. Michael, Hastings	April 15	7,500
Trib. to Cedar Creek	Several	J. H. Niess, Hastings	April 15	6,000
High Bank Creek	Several	A. J. Houghtalin, Morgan	Mar. 20	6,000
Quaker Creek	Several	I. Z. Slosson, Charlotte	Mar. 20	3,000
Benzie county:				
South Branch	Platte	L. H. Stacey, Honor	April 13	2,000
Brundage Creek	Inland	L. H. Stacey, Honor	April 13	2,000
Colton Creek	Homestead	L. H. Stacey, Honor	April 13	2,000
North Branch of Platte River	Platte	L. H. Stacey, Honor	April 13	12,000
Platte River	Platte	E. A. Mitchell, Manistee	April 13	18,000
Otter Creek	Several	Fred Bahitz, Honor	April 13	2,000
Platte River Tribs	Lake	Fred Bahitz, Honor	April 13	2,000
	Platte	Fred Bahitz, Honor	April 13	2,000

Brook Trout Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Benzie county.—Continued.				
Miner Creek	Benzon	W. B. Covey, Honor.	April 13	2,000
Platte River	Homestead and Benzon	W. B. Covey, Honor.	April 13	20,000
Brezofsley Creek	Benzon	W. B. Covey, Honor.	April 13	2,000
Silver Creek	Homestead	W. B. Covey, Honor.	April 13	2,000
Gulouon Creek	Homestead	W. B. Covey, Honor.	April 13	22,500
Betsy River		F. A. Mitchell, Maanistee	April 24	6,000
Carter Creek		N. J. Rovick, Thompsonville	April 24	30,000
Tribs. to Platte River	Inland and Homestead	D. H. Power, Empire	May 13	
Baraga county:				
Canal Creek	Spurr	Peter Trudell, Jr., Negaunee	April 29	4,000
Outlet to Three Lakes	Spurr	Peter Trudell, Jr., Negaunee	April 29	4,000
Nestoria Creek	Spurr	Peter Trudell, Jr., Negaunee	April 29	2,000
Mc Donald Creek	Spurr	Peter Trudell, Jr., Negaunee	April 29	2,000
Outlet to Trout Lake	Spurr	Peter Trudell, Jr., Negaunee	April 29	4,000
Cliff Creek		Sidnaw Hunting & Fishing Club, Sidnaw	May 6	2,000
Clear Creek	Covington	Silver River Rod & Gun Club, L'Anse	May 10	6,000
Ravine River	Arvon and others.	Silver River Rod & Gun Club, L'Anse	May 10	12,000
Huron River	Several.	Silver River Rod & Gun Club, L'Anse	May 10	8,000
Sturgeon River	Covington and Baraga	Silver River Rod & Gun Club, L'Anse	May 10	10,000
Rock River	Arvon and Spurr	Silver River Rod & Gun Club, L'Anse	May 10	12,000
Silver River	Arvon and Spurr	Silver River Rod & Gun Club, L'Anse	May 10	8,000
Fall River	Several.	Silver River Rod & Gun Club, L'Anse	May 10	4,000
Meadow Brook	L'Anse.	Silver River Rod & Gun Club, L'Anse	May 10	4,000
Clear Creek	L'Anse and Baraga	Silver River Rod & Gun Club, L'Anse	May 10	6,000
Beaudos Creek	L'Anse and Baraga	Silver River Rod & Gun Club, L'Anse	May 10	6,000
Gemache Creek	Baraga	Silver River Rod & Gun Club, L'Anse	May 10	4,000
Steinback Creek	L'Anse.	Silver River Rod & Gun Club, L'Anse	May 10	2,000
Duck Creek	L'Anse.	Silver River Rod & Gun Club, L'Anse	May 10	20,000
Cole's Creek	48-32	E. W. Mac Pherran, Marquette	May 14	8,000
Sidnaw Creek	48-25	E. W. Mac Pherran, Marquette	May 14	4,500
Petch Creek	48-34	E. W. Mac Pherran, Marquette	May 14	4,000
Streams about 27 1/2 Mile Post	48-34	E. W. Mac Pherran, Marquette	May 14	
Branch of Sturgeon River	48-34	E. W. Mac Pherran, Marquette	May 14	
Clare county:				
Cedar Creek	Franklin	W. E. Green, Harrison	April 5	14,000
Hoodwood Creek	Summerfield	W. E. Green, Harrison	April 5	6,000
Smith Creek	Greenwood	Geo. J. Cummins, Harrison	April 5	24,000
No. Br. of Tobacco River	Hays	Geo. J. Cummins, Harrison	April 5	2,000
Town Line Creek	Hays	Andrew Hagen, Harrison	April 5	24,000
Creek and Shawan Creek	Redding	Wm. Blue, Temple	April 9	4,500
Silver Lake Creek	Grant	D. W. Canfield, Clare	Mar. 26	
So. Br. Tobacco River				
Tobacco River, Clear Creek and others	Clare, Grant and Hatton	A. R. Canfield, Clare	Mar. 26	12,000
Middle Branch	Arthur and Hatton	Wm. C. Cornell, Saginaw	Mar. 26	18,000
Clear Brook	Arthur and Hatton	Ed. Gast, St. Joseph	Mar. 26	12,000
Haltstead Creek	Arthur	Jas. S. Bicknell, Clare	Mar. 26	6,000
Mc Kinley Creek	Grant	J. M. Davis, Clare	Mar. 26	3,000
Br. of So. Br. of Tobacco River	Surrey	F. C. Sanford, Clare	Mar. 26	3,000
		Fuller & Harris, Farwell	Mar. 26	3,000
Berrien county:				
Estes Creek	Buchanan	James E. Scott, Buchanan	Mar. 18	1,500
Kelsey Creek	Buchanan	James E. Scott, Buchanan	Mar. 18	3,000
Farmer Creek	Sodus	Ed. Gast, St. Joseph	Mar. 18	4,500
Mill Creek	Waterviet	Ed. Gast, St. Joseph	Mar. 18	3,000
Morlock Creek	Pipestone	J. W. Isbell, St. Joseph	Mar. 18	1,500
Hess Creek	Oronoko	J. W. Isbell, St. Joseph	Mar. 18	1,500
Pearl Creek	Pipestone	J. W. Isbell, St. Joseph	Mar. 18	1,500
Putnam Creek	Benton	J. W. Isbell, St. Joseph	Mar. 18	1,500
Howard Creek	Pipestone	J. W. Isbell, St. Joseph	Mar. 18	1,500
Smith Creek	Pipestone	J. W. Isbell, St. Joseph	Mar. 18	1,500
Shedd Creek	Pipestone	J. W. Isbell, St. Joseph	Mar. 18	4,500
Schafer Creek	Three Oaks	J. W. Isbell, St. Joseph	Mar. 18	3,000
Tabor Creek	Lake	Claude Herring, St. Joseph	Mar. 18	7,500
Graham Creek	Sodus	A. F. Herring, St. Joseph	Mar. 18	4,500
Long Branch of Blue Creek	Lincoln	A. F. Herring, St. Joseph	Mar. 18	1,500
Hog Creek	Benton	A. F. Herring, St. Joseph	Mar. 18	3,000
Katie and Crystal Springs	Benton	Fred Herring, St. Joseph	Mar. 18	3,000
Blue Creek	Benton	D. B. Wallace, Benton Harbor	Mar. 18	4,500
Collins Creek	Bainbridge	John De Temple, Benton Harbor	Mar. 18	6,000
Koohue Creek	Pipestone	S. M. Clawson, Eau Clair	Mar. 18	4,500
	Pipestone	S. M. Clawson, Eau Clair	Mar. 18	3,000
			Mar. 18	3,000
Cathoun county:				
Dickinson Creek	Marshall	E. J. Allen, Battle Creek	Mar. 12	3,000
Talmadge Brook	Marshall and Fredonia	H. H. Taylor, Kalamazoo	Mar. 14	3,000
Tower Brook	Emmett	L. H. Tower, M. D., Battle Creek	Mar. 14	4,500
Silver Creek	Battle Creek	L. H. Tower, M. D., Battle Creek	Mar. 14	4,500
Seven Mile Brook		W. H. Skinner, Battle Creek	Mar. 14	4,500
Service Creek	Leroy	M. S. Emmons, East Leroy	Mar. 14	3,000
Shannon Creek	Leroy	Fred S. Hall, East Leroy	Mar. 14	1,500
Putnam Creek	Athens	F. C. Woodruff, Athens	Mar. 15	1,500
Barber Creek	Athens	J. C. Gaw, Athens	Mar. 15	1,500
Pidgeon Creek	Marshall	R. R. Hicks, Battle Creek	Mar. 12	3,000
Newberry Creek	Newton	W. B. Johnston, Battle Creek	Mar. 12	3,000
Minges Brook		S. J. Rathbun, Battle Creek	Mar. 12	4,500
Bascon Creek	Bedford	Walter Judd, Battle Creek	Mar. 12	3,000
Kesler's Brook	Bedford	E. R. Newman, Battle Creek	Mar. 12	3,000
Gulf Creek	Emmett	Geo. H. Williams, Battle Creek	Mar. 12	3,000
Helmer's Brook	Battle Creek	Geo. H. Williams, Battle Creek	Mar. 12	1,500
Eagle Brook	Battle Creek	Geo. H. Williams, Battle Creek	Mar. 12	3,000
Harper Creek	Emmett	C. E. Kistler, Battle Creek	April 27	1,500
				6,000

TWENTIETH REPORT—STATE FISHERIES.

TWENTIETH REPORT—STATE FISHERIES.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Cass county:				
Thorp Creek	Jefferson	G. E. Harmon, Cassopolis	Mar. 18	1,500
Mc Nab's or Jones Creek	LaGrange and Penn	C. H. Kimmerle, Cassopolis	Mar. 18	3,000
Thorp Creek	Jefferson	C. H. Kimmerle, Cassopolis	Mar. 18	3,000
Hadsell Creek	Jefferson	C. H. Kimmerle, Cassopolis	Mar. 18	3,000
Miller Creek	Pokagon	John Wyant, Berrien Center	Mar. 18	3,000
Pokagon Creek	Pokagon	Fred Phillips, Dowagiac	Mar. 18	3,000
Mc Kinney Creek	Pokagon	Fred Phillips, Dowagiac	Mar. 18	3,000
Peavine Creek	Pokagon	Fred Phillips, Dowagiac	Mar. 18	1,500
Miller Creek	Wayne	Fred Phillips, Dowagiac	Mar. 18	1,500
Carman Creek	Wayne	Fred Phillips, Dowagiac	Mar. 18	1,500
Kenney Creek	Wayne	Fred Phillips, Dowagiac	Mar. 18	1,500
Starrett Creek	Wayne	Fred Phillips, Dowagiac	Mar. 18	1,500
Broadhurst Creek	Wayne	Fred Phillips, Dowagiac	Mar. 18	1,500
Silver Creek	Silver Creek	Fred Phillips, Dowagiac	Mar. 18	3,000
Clendenen Creek	Silver Creek	Fred Phillips, Dowagiac	Mar. 18	1,500
Anthony Creek	Silver Creek	Fred Phillips, Dowagiac	Mar. 18	1,500
Yaw Creek	Silver Creek	Fred Phillips, Dowagiac	Mar. 18	1,500
Mc Omer Creek	Wayne	Fred Phillips, Dowagiac	Mar. 18	1,500
Glenwood Creek	Wayne	Fred Phillips, Dowagiac	Mar. 18	1,500
Hampton Creek	Newberg	Hugh Mc Kee, Marcellus	Mar. 8	1,500
Wilson Creek	Marcellus	C. S. Jones, Marcellus	Mar. 8	1,500
Rocky River	Marcellus	C. S. Jones, Marcellus	Mar. 8	1,500
Charlevoix county:				
Boyer River	Boyer Valley	Wm. Weaver & Son, Elmira	April 9	12,000
Deer Creek	Boyer Valley	Chas. Galster, Boyne Falls	April 12	10,000
Finlay Creek	Boyer Valley	Chas. Galster, Boyne Falls	April 12	4,000
North and South Boyne River	Boyer Valley	Chas. Galster, Boyne Falls	April 12	16,000
Warner Creek	Wilson and Warner	Terry S. Barber, Boyne City	April 12	6,000
Deerlick Creek	Boyer Valley	Terry S. Barber, Boyne City	April 12	4,000
Collins Creek	Boyer Valley	Terry S. Barber, Boyne City	April 12	4,000
Murray Creek	South Arm	W. A. Stroebel, East Jordan	April 10	3,000
Ranney, Cooper and Liskum Creeks	South Arm	Lorence O. Isman, Ellsworth	April 10	7,500
Cheboygan county:				
Laparel Creek	Inverness	Yakama Club, Cheboygan	April 2	20,000
Grass Bay Stream	Benton	Albert T. Mc Clinch, Cheboygan	April 2	4,000
Elliott Stream	Benton	August Frebelkorn, Cheboygan	April 2	6,000
Little Black Creek	Beaugrand	W. H. Borrow, Cheboygan	April 2	4,000
Elliott Creek	Benton	Geo. A. Barber, Cheboygan	April 2	8,000
Little Black Creek	Beaugrand	Geo. A. Barber, Cheboygan	April 2	6,000
Little Milligan Creek	Benton	B. C. Paquette, Cheboygan	April 2	4,000
Myers Creek	Benton	Dr. Armour, Cheboygan	April 2	4,000
Nigger Creek	Burt	C. T. Snowden, Cheboygan	April 2	6,000
Chippewa county:				
Carp Creek	Munro and Burt	Edwin A. Riggs, Topinabee	April 2	4,000
Nigger Creek	Burt and Monroe	Edwin A. Riggs, Topinabee	April 2	8,000
Cedar Creek	Tuscarora and Littleheld	J. W. Lester, Indian River	April 2	8,000
Stoney Creek	Walker and Koehler	J. W. Lester, Indian River	April 2	8,000
Lower Little Pigeon River	Koehler	J. W. Lester, Indian River	April 2	10,000
E. Br. Big Pigeon River	Koehler and Walker	J. W. Lester, Indian River	April 2	12,000
W. Br. of Little Sturgeon River	Tuscarora	Gerald King, Indian River	April 2	8,000
Pigeon River	Ellis and Koehler	C. A. Campbell, Afton	April 2	12,000
Big Pigeon River	Koehler	Clyde King, Indian River	April 2	16,000
W. Br. Lower Little Pigeon River	Koehler and Walker	Clyde King, Indian River	April 2	12,000
Little Pigeon River	Koehler	Clyde King, Indian River	April 2	10,000
East Branch of Little Sturgeon	Koehler	Clyde King, Indian River	April 2	8,000
Sturgeon River	Munda	C. E. Cornwell, Wolverine	April 2	16,000
Mulligan Creek	Waverly	J. M. Clark, Onaway	April 16	9,000
Weicher Creek	Forest and Waverly	J. M. Clark, Onaway	April 16	6,000
Mc Pherson Creek	Forest	J. M. Clark, Onaway	April 16	3,000
Mc Master Creek	Forest	J. M. Clark, Onaway	April 16	3,000
Gregg Creek	Forest	J. M. Clark, Onaway	April 16	3,000
Davis Creek	Forest	J. M. Clark, Onaway	April 16	6,000
Giller Creek	Forest	J. M. Clark, Onaway	April 16	1,500
Silver Creek	Forest	J. M. Clark, Onaway	April 16	3,000
Upman's Creek	Forest	J. M. Clark, Onaway	April 16	3,000
Mill Creek	Severall	Chas. F. Davis, Burt Lake	April 12	4,000
	Mackinaw	E. R. Pierce, Mackinaw	April 12	6,000
Clinton county:				
Headwaters of the Pine River	Rudyard	A. E. Marriott, Soo	May 11	20,000
Spring Creek	Pickford	Adelcor Desormeau, Kelden	May 7	10,000
Desormeaux Creek	Pickford	Dr. J. A. Cameron, Pickford	May 8	10,000
Grant's Creek	Superior	Robt. P. Hudson, Soo	May 10	10,000
Chub Creek	Rudyard and Trout Lake	J. C. Sass, Rudyard	April 19	6,000
Bisquit Creek	Rudyard and Trout Lake	J. C. Sass, Rudyard	April 19	7,500
Trout Brook	Rudyard and Trout Lake	J. C. Sass, Rudyard	April 19	6,000
Bear Creek	Rudyard	J. C. Sass, Rudyard	April 19	6,000
E. Br. of Waishkey River	Doster	F. L. Everling, Brimley	May 1	6,000
Trapper's Creek	Trout Lake	Chase S. Osborn, Soo	May 14	14,000
Sweetbriar Creek	Rudyard	Chase S. Osborn, Soo	May 14	12,000
St. Mary's River	Rudyard	Mich. Fish Commission, Detroit	May 15	41,000
Crawford county:				
Lost Creek	Dallas	J. B. Miller, Pewamo	Mar. 12	1,500
Fuller Creek	Dallas	J. B. Miller, Pewamo	Mar. 12	3,000
Jenuison Creek	Eagle	F. L. Berry, Grand Ledge	May 10	6,000
Crawford county:				
Au Sable River	Severall	F. B. Dickerson, Detroit	April 4	40,000
E. Br. of Au Sable	Grayling	J. C. Burton, Grayling	April 4	18,000
No. Br. of Au Sable	Chester and Maple Forest	W. B. Mershon, Saginaw	April 4	30,000
No. Br. of Au Sable	Maple Forest	Paul F. H. Morley, Saginaw	April 4	30,000
Big Creek	Maple Forest	T. E. Douglas, Lovells	April 4	10,000
Big Creek	Maple Forest	P. J. Welch, Lewiston	April 4	16,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Crawford county—Continued.				
Beaver Creek	Maple Forest	Geo. H. Boyd, Atlanta	April 6	8,000
So. Br. of An Sable River and tribs.	Several	Orlando F. Barnes, Roscommon	April 6	50,000
Headwaters of Manistee River	T. 28, R. 4 W.	B. E. Jones, Ala.	April 8	30,000
An Sable River	Grayling	J. C. Burton, Grayling	April 4	40,000
Delta county:				
Carr Creek	Garden	Lewis Cannon, Uno	May 14	4,000
W. Br. of Bark River	Several	J. H. Boyle, Bark River	April 24	4,500
Bark River	Several	J. H. Boyle, Bark River	April 24	4,500
E. Br. of Bark River	Several	J. H. Boyle, Bark River	April 24	3,000
Ogontz River	Mason	W. R. Calloway, Minneapolis	April 24	7,500
Scott's Creek	Several	W. R. Calloway, Minneapolis	April 24	7,500
Thompson Creek	Several	W. R. Calloway, Minneapolis	April 24	7,500
W. Br. of Fish Dam River	Nahma	F. W. Goode, Nahma	April 19	3,000
Little Black Creek	Nahma	F. W. Goode, Nahma	April 19	3,000
Mallman Creek	Nahma	F. W. Goode, Nahma	April 19	3,000
Squaw Creek	Corruell and Baldwin	Timothy Killian, Escanaba	April 19	7,500
Ten Mile Creek	Ford River	Timothy Killian, Escanaba	April 19	9,000
Rapid River	Several	Timothy Killian, Escanaba	April 19	12,000
Day's River	Brampton	Timothy Killian, Escanaba	April 19	9,000
Banks Brook	Wells	Timothy Killian, Escanaba	April 19	4,500
Bark River	Bark River	Timothy Killian, Escanaba	April 19	10,500
Walker Brook	Wells	Timothy Killian, Escanaba	April 19	6,000
Garden Creek	Garden	Timothy Killian, Escanaba	April 19	7,500
Branches of Sturgeon River	Nahma	Timothy Killian, Escanaba	April 19	10,500
Tacosh River	Masonville	Timothy Killian, Escanaba	April 19	12,000
Furman Brook	Masonville	Timothy Killian, Escanaba	April 19	7,500
Snell Brook	Masonville	Timothy Killian, Escanaba	April 19	7,500
Dickinson county:				
Headwaters of Ford River	Sagola	H. M. Boll, Channing	April 24	9,000
Ford River	Several	W. W. Pritchard, Channing	April 24	7,500
Ford River	Sagola	Chas. Gustafson, Channing	April 24	7,500
Outlet from Sawyer Lake	Sagola	R. E. Boll, Channing	April 24	1,500
Squaw Creek	Sagola	R. E. Boll, Channing	April 24	1,500
Blueberry Creek	Sagola	H. M. Boll, Channing	April 24	1,500
Black or Webber's Creek	Sagola	Thos. Brady, Channing	April 24	4,500
Bear Creek or Breen Creek	Waucedah	H. Vielmeth, Loretto	April 24	4,500
Sturgeon River	Waucedah	C. Baxter, Loretto	April 24	7,500
Black Creek	Waucedah	A. J. Wejn, Loretto	April 24	4,500
No Name	Waucedah	J. J. Legundie, Norway	April 24	3,000
Fern Creek	Norway	Raymond Turner, Norway	April 24	4,500
Beaver Creek	Waucedah	Dan Vanitvelt, Waucedah	April 24	4,500
Cassidy Creek	Waucedah	Dan Vanitvelt, Waucedah	April 24	4,500

TWENTIETH REPORT—STATE FISHERIES

Alberta Creek	Norway	J. E. Quarnstrom, Iron Mountain	April 24	3,000
Badwater Creek	Breitung	J. E. Quarnstrom, Iron Mountain	April 24	3,000
Merriman Creek	Breitung	Jos. W. Conie, Waucedah	April 24	7,500
Breen Creek	Norway and Waucedah	W. F. Dody, Norway	April 24	7,500
Mitchell's Creek	Norway and Felch	A. F. Brackett, Norway	April 24	6,000
No. Br. of Cassidy Creek	Norway	A. F. Brackett, Norway	April 24	4,500
Water Works Creek	Norway	G. W. Olsen, Norway	April 24	4,500
Hay and Red Dam Creeks	Waucedah	W. J. Turner, Vulcan	April 24	3,000
Pine Creek	Norway	W. J. Turner, Vulcan	April 24	6,000
Campbell Brook	West Branch	T. Killian, Escanaba	April 19	7,500
Big Brook	West Branch	T. Killian, Escanaba	April 19	7,500
Eaton county:				
Spring Brook	Several	C. A. Snider, Eaton Rapids	Mar. 21	4,500
Gale Creek	Several	C. A. Snider, Eaton Rapids	Mar. 21	7,500
Emmet county:				
Maple River and Tributaries	Several	J. W. Hunter, Grand Rapids	April 12	100,000
Carp River	Carp Lake	O. C. Cope, Carp Lake	April 12	10,000
Carp River	Carp Lake	E. R. Pierce, Mackinaw	April 12	10,000
Goodrich Creek	Littlefield	C. E. Ruggles, Oden	April 12	4,000
Curtis Creek	Littlefield	Wm. L. Curtis, Petoskey	April 12	6,000
Heber Creek	Little Trance	Wm. L. Curtis, Petoskey	April 12	4,000
Tannery Creek	Bear Creek	Geo. C. Braun, Petoskey	April 12	4,000
Bear Creek	Bear Creek	Geo. C. Braun, Petoskey	April 12	16,000
Gogebic county:				
Branch of Presque Isle River	48-14	E. W. Mac Pherran, Marquette	May 14	10,000
Tributary to Lake Ruth	48-45	E. W. Mac Pherran, Marquette	May 14	6,000
Mud Creek	Wakefield and Marenisco	M. M. Riley, Milwaukee	May 6	6,000
Big Presque Isle River	Several	M. M. Riley, Milwaukee	May 6	14,000
Little Presque Isle River	Several	M. M. Riley, Milwaukee	May 6	10,000
Cherry Creek	Wakefield	M. M. Riley, Milwaukee	May 6	10,000
Lula Creek	Wakefield	M. M. Riley, Milwaukee	May 6	10,000
Forb's Brook	Ironwood	Harry Barr, Ironwood	May 1	2,000
Clover Creek	Marenisco	Harry Barr, Ironwood	May 1	4,000
Foster's Brook	Marenisco	D. E. Sutherland, Sherwood	May 1	4,000
Dandy Brown's Brook	Ironwood	Jas. Sampson, Ironwood	May 1	2,000
Pidgeon Creek	Ironwood	Jas. Sampson, Ironwood	May 1	2,000
Ryan's Creek	Ironwood	Pat Mullens, Ironwood	May 1	4,000
Hazel Creek	Marenisco	O. F. Stabler, Ironwood	May 1	4,000
Sampson's Creek	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Honey Moon Creek	Ironwood	O. F. Stabler, Ironwood	May 1	2,000
Nine Mile Creek	Bessemer	O. F. Stabler, Ironwood	May 1	2,000
Lum Creek	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Fox Creek	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Mays Brook	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Barrs Creek	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Slippery Elm Creek	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Alder Creek	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Jimmie Thomas Brook	Marenisco	O. F. Stabler, Ironwood	May 1	2,000

TWENTIETH REPORT—STATE FISHERIES

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Gogebic county.—Continued.				
Fin Creek	Ironwood	O. F. Stabler, Ironwood	May 1	2,000
Little Spring Creek	Ironwood	O. F. Stabler, Ironwood	May 1	2,000
Sutherland Creek	Ironwood	O. F. Stabler, Ironwood	May 1	4,000
Weazel Creek	Marenisco	O. F. Stabler, Ironwood	May 1	2,000
Slate River	Marenisco	L. L. Wright, Gogebic	May 1	12,000
Wright Creek	Marenisco	L. L. Wright, Gogebic	May 1	4,000
Trout Brook	Marenisco	L. L. Wright, Gogebic	May 1	3,000
Dellies Creek	Watersmeet	A. C. Brownell, Watersmeet	May 1	2,000
Hansen Creek	Watersmeet	Jas. Mc Closkey, Watersmeet	May 1	2,000
Camp No. 2 Creek	Watersmeet	J. D. Vantwood, Watersmeet	May 1	4,000
Middle Branch of Ontonagon	Watersmeet	G. M. McDonald, Watersmeet	May 1	3,000
Beaver Station Creek	Watersmeet	J. F. Johnson, Watersmeet	May 1	2,000
Crooked Creek	Watersmeet	A. D. Johnson, Bessemer	May 1	6,000
Henderson Creek	Watersmeet	A. D. Johnson, Bessemer	May 1	6,000
Duck Creek	Watersmeet	A. D. Johnson, Bessemer	May 1	6,000
Morrison Creek	Watersmeet	N. D. Murphy, Watersmeet	May 1	4,000
Tributary to Bass Lake	Watersmeet	Wm. Bonifas, Watersmeet	May 1	4,000
Duck Creek	Watersmeet	B. H. Darling, Watersmeet	May 1	6,000
Clearwater Creek	T. 44 R. 41 W	Marvin Hughitt, Chicago	May 1	6,000
Landford Creek	T. 44 R. 41 W	Marvin Hughitt, Chicago	May 1	6,000
Headwaters of Ontonagon River, Main Branch	T. 44 R. 41 W	Marvin Hughitt, Chicago	May 1	10,000
Gladwin county:				
Cedar River	Sherman	Jas. E. Tobin, Gladwin	April 6	18,000
Grand Traverse county:				
Tributaries to East and 22d Creek		D. H. Power, Kingsley	May 14	30,000
Battle Creek	Whitewater	Elk Rapids Gun & Angler's Club, Elk Rapids	April 10	7,500
Follet's Brook	Whitewater	Elk Rapids Gun & Angler's Club, Elk Rapids	April 10	6,000
Boardman River	Several	R. S. Hastings, Traverse City	April 3	40,000
Twenty-two Creek	Union	Fred E. Mills, Fife Lake	April 9	8,000
Carpenter Creek	Fife Lake	Fred E. Mills, Fife Lake	April 9	3,000
Parker Creek	Union	Fred E. Mills, Fife Lake	April 9	8,000
Yuba Creek	Acme	Elk Rapids Gun & Angler's Club, Elk Rapids	April 10	9,000
Sands Creek	Paradise	R. B. De France, Kingsley	April 1	4,000
Twenty-two Creek	Fife Lake	R. B. De France, Kingsley	April 1	3,000
Mayfield Creek	Paradise	H. W. Dunne, Kingsley	April 1	4,000
Beaver Meadow Creek	Paradise	Leland Tripp, Kingsley	April 1	2,000
Hills Brook	Paradise	Leland Tripp, Kingsley	April 1	2,000
Clark Creek	Paradise	Leland Tripp, Kingsley	April 1	2,000
Biddlecomb Creek	Paradise	Leland Tripp, Kingsley	April 1	6,000
Slaughter House Creek	Paradise	Leland Tripp, Kingsley	April 1	2,000
Hillsdale county:				
Douglas Creek	Wheatland	D. J. Douglas, Pittsford	Mar. 11	6,000
Lake Pleasant Brook	Hillsdale and Jefferson	W. C. Keinp, Hillsdale	Mar. 20	9,000
Houghton county:				
Sturgeon River and small branches	48-52	Fred Stoye, Houghton	May 10	16,000
Sturgeon River and branches	48-52	John T. Mc Call, Houghton	May 10	16,000
Sturgeon River and small branches	48-52	Jeff Alexander, Houghton	May 10	16,000
Mc Gunn's Creek	Calumet	Chas. O. Jackola, Calumet	May 8	6,000
Leveque's Creek	Laird	G. W. Stannard, Rockland	May 6	6,000
Hills Creek	Ailouez	F. R. Chynowitt, Pheonix	May 3	8,000
Branch of Otter River	Portage	Peter A. Larsen, Chassell	May 8	2,000
La Chappelle Creek	Portage	W. H. Hutchings, Chassell	May 8	4,000
East Branch of East Branch of Otter River	Chassell	Geo. F. Pesing, Chassell	May 8	2,000
South east Branch of Ontonagon River	Duncan	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	2,000
East Branch of Ontonagon River	Several	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	20,000
Boycroft Creek	Duncan	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	2,000
Johnson's Creek	Duncan	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	2,000
Sidnaw Creek	Duncan	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	2,000
Hill Creek	Duncan	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	2,000
Dead Stream	Duncan	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	10,000
Perch Creek	Duncan and Covington	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	6,000
Little Beaver Creek	Duncan and Covington	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	4,000
Jumbo Creek and Branches	Duncan	Sidnaw Hunting & Fishing Club, Sidnaw	May 6	2,000
Hope Creek	Several	E. L. Crull, Kenton	May 6	16,000
Smith Creek	Duncan	Wm. Kroll, Kenton	May 6	4,000
Stoney Creek	Duncan	Wm. Kroll, Kenton	May 6	4,000
Spargo Creek	Duncan and Iron River	Wm. Kroll, Kenton	May 6	6,000
Beaver Creek	Duncan and Iron River	Wm. Kroll, Kenton	May 6	4,000
White Creek	Duncan	Wm. Kroll, Kenton	May 6	10,000
Fox Creek	Duncan	Wm. Kroll, Kenton	May 6	2,000
Lees Creek	Duncan	Wm. Kroll, Kenton	May 6	4,000
Spring Creek	Duncan and Interior	Wm. Kroll, Kenton	May 6	6,000
Shane Creek	Duncan and Iron	Wm. Kroll, Kenton	May 6	6,000
Pottery's Creek	Duncan	Wm. Kroll, Kenton	May 6	4,000
Santy Creek	Chassell	S. Holoppa, Chassell	May 8	4,000
West Branch Pilgrim River	Portage	Wm. Holoppa, Chassell	May 8	6,000
Arcadian Mill Creek	Portage	Geo. Williams, Houghton	May 8	4,000
Huron Creek	Torch Lake	J. C. Morrin, Houghton	May 8	2,000
West Branch Sleeping River	Elm River	Robt. H. Shields, Houghton	May 8	2,000
East Branch Sleeping River	Elm River	F. C. Lukey, Winona	May 8	4,000
Sleeping River	Elm River	R. R. Seeber, Winona	May 8	4,000
		M. J. Finnegau, Winona	May 8	8,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Houghton county.—Continued.				
Eber's Creek	Portage	J. C. Campbell, Chassell	May 8	4,000
East Branch Salmon Trout River	Portage and Adams	H. M. Keever, Houghton	May 8	4,000
Hennes Creek	Portage	Chas. Smith, Hubbell	May 8	6,000
Middle Branch Firesteel River	Elm River	L. H. Richardson, Houghton	May 10	8,000
Burt Creek	Elm River	Geo. Williams, Houghton	May 10	8,000
Trap Rock River	Calumet and Oscoda	Geo. Williams, Houghton	May 10	6,000
Murphy Creek	Portage	Jas. T. Healey, Houghton	May 10	6,000
No Name	Elm River	Mrs. B. T. Barry, Houghton	May 10	4,000
Pike River	Portage and Chassell	Portage Lake R. & G. Club, Houghton	May 10	4,000
Misery River	Bohemia and Elm River	Portage Lake R. & G. Club, Houghton	May 10	12,000
Elm River	Elm River and Stanton	Portage Lake R. & G. Club, Houghton	May 10	10,000
Salmon Trout River	Stanton and Adams	Portage Lake R. & G. Club, Houghton	May 10	6,000
Graverod River	Stanton and Adams	Portage Lake R. & G. Club, Houghton	May 10	6,000
Pilgrim River	Portage and Adams	Portage Lake R. & G. Club, Houghton	May 10	6,000
Santee River	Portage and Adams	Portage Lake R. & G. Club, Houghton	May 10	6,000
Otter River	Several	Portage Lake R. & G. Club, Houghton	May 10	10,000
Cole's Creek	Stanton	Portage Lake R. & G. Club, Houghton	May 10	4,000
Stock's Creek	Stanton	Portage Lake R. & G. Club, Houghton	May 10	8,000
Bear Creek	Portage	Claude F. Hancock, Chassell	May 10	6,000
Otter River	Chassell	C. W. Danielson, Chassell	May 10	6,000
Bart Creek	Portage	Wm. O. Missitz, Chassell	May 10	6,000
Beaver Creek	Portage	Ed. Hotappa, Chassell	May 10	4,000
Iron county.				
North Branch of Paint River	Iron River	M. D. McDonough, Iron River	May 1	10,000
Section 33 Creek	Iron River	M. D. McDonough, Iron River	May 1	4,000
South Branch of Paint River	Stambaugh	M. D. McDonough, Iron River	May 1	8,000
Iron River	Iron	M. D. McDonough, Iron River	May 1	8,000
Lower Deer Creek	Crystal Falls	Arvid Bjork, Crystal Falls	May 1	10,000
Net River	Hematite	Geo. Premo, Amasa	May 1	8,000
Little Hemlock Creek	Hematite	Geo. Premo, Amasa	May 1	4,000
Holmes Creek	Crystal Falls	Geo. Premo, Amasa	May 1	4,000
Paint River	Crystal Falls	Geo. Premo, Amasa	May 1	8,000
Nash's Creek	Iron River	I. W. Byers, Iron River	May 1	1,500
Sunset Lake Creek	Iron River	I. W. Byers, Iron River	May 1	2,000
Conk's Run	Iron	L. A. Carmichael, Beechwood	May 1	6,000
Raymon Creek	Mansfield	R. E. Bolt, Channing	April 24	1,500
Ingham county.				
Baldwin Creek	Onondaga	W. M. Carroll, Onondaga	April 15	1,500
Willow Creek	Aurelius	W. T. Holcomb, Mason	Mar. 20	1,500
Columbia Creek	Aurelius	W. T. Holcomb, Mason	Mar. 20	4,500
Ionia county.				
Hamilton Creek	Ronald	T. I. Martin, Ionia	Mar. 28	3,000
Tinberland Creek	Easton	Snyder & Wortman, Ionia	Mar. 28	3,000
Libhart Creek	Sebewa and Ionia	A. J. Kling, Ionia	Mar. 28	7,500
Tibbetts Creek	Berlin	F. T. Ammon, Ionia	Mar. 28	3,000
Spar Creek	Muir	E. T. Ammon, Ionia	Mar. 28	1,500
Spaulding Creek	Ionia	John Coon, Ionia	Mar. 28	1,500
Spring Brook	Orange	Milo Van Sykle, Ionia	Mar. 28	3,000
Dildine Creek	Easton	M. B. Spanogle, Greenville	Mar. 28	4,500
Spencer Creek	Orleans	E. Brown, Shiloh	Mar. 28	1,500
Warner Creek	Orleans	E. A. Meilard, Ionia	Mar. 28	1,500
No Name	Ronald	John Galloway, Palo	Mar. 28	7,500
Prairie Creek	Ronald	J. B. Miller, Pewamo	Mar. 12	1,500
Taxon Creek	Lyons	A. E. Clark, Hubbardston	Mar. 12	14,000
Fish Creek and Tributaries	Nrth Plains	H. M. Brown, Muir	Mar. 12	3,000
Brown Brook	North Plains and Ronald	C. A. Datzell, Ionia	Mar. 13	3,000
Ely Creek	North Plains	T. A. Huss, Muir	Mar. 13	1,500
Lidwick Creek	Ronald	Newell Holden, Ionia	Mar. 13	1,500
Holden Brook	Ronald	J. Wallington, Saranac	Mar. 13	3,000
Hunt's Creek	Easton	J. Wallington, Saranac	Mar. 13	1,500
Arnold's Creek	Boston and Berlin	J. Wallington, Saranac	Mar. 13	3,000
Hawn's Creek	Easton	J. Wallington, Saranac	Mar. 13	3,000
Pearshall Creek	Boston	J. Wallington, Saranac	Mar. 13	1,500
Steven's Creek	Boston and Keene	J. Wallington, Saranac	Mar. 13	1,500
Dexter Creek	Keene and Easton	J. Wallington, Saranac	Mar. 13	3,000
Campbell Creek	Easton	E. A. Rising, Clarksville	Mar. 16	3,000
	Campbell	John Wallington, Saranac	Mar. 13	1,500
Iosco county.				
Van Ettan Creek	Oscoda	J. H. McGillivray, Oscoda	April 16	3,000
Ginley Creek	Grant	C. W. Luce, East Tawas	April 16	7,500
Cold Creek	Grant and Tawas	C. W. Luce, East Tawas	April 16	9,000
Silver Creek	Wilbur and Baldwin	C. W. Luce, East Tawas	April 16	12,000
Gates Creek	Tawas and Baldwin	C. W. Luce, East Tawas	April 16	6,000
Vaughan Creek	Plainfield	C. W. Luce, East Tawas	April 16	6,000
Pickett Creek	Plainfield	C. W. Luce, East Tawas	April 16	6,000
Smith Creek	Plainfield	R. D. Brown, Hale	Mar. 29	8,000
Hale Creek	Plainfield	R. D. Brown, Hale	Mar. 29	8,000
Isabella county.				
Labun Creek	Nottawa	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Fussman Creek	Nottawa	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Inglor Creek	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	1,500
Theisen Creek	Nottawa	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Simmons Creek	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	1,500
Seymore Creek	Gilmore	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Hebrnn Creek	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Figg and Parcher Drain	Lincoln	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Potter Creek	Several	M. R. Castel, Shepherd	April 9	4,500
Tupman Creek	Nottawa	J. E. Meyer, Shepherd	April 9	7,500
Wood's Creek	Nottawa	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Perry Creek	Gilmore	Geo. L. Granger, Mt. Pleasant	April 9	4,500
	Gilmore	Geo. L. Granger, Mt. Pleasant	April 9	3,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Isabella county.—Continued.				
Campau Creek	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	1,500
Coomer Brook	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Stony Creek	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Phillips Creek	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	1,500
Zucker Creek	Deerfield	Geo. L. Granger, Mt. Pleasant	April 9	3,000
Walker Creek	Sherman and Coldwater	Miles A. Drallette, Weidman	April 4	8,000
Spring Brook	Freemont	John Underwood, Winn	April 3	2,000
Delo Creek	Freemont	John Underwood, Winn	April 3	2,000
Fuller Creek	Freemont	John Underwood, Winn	April 3	4,000
Chippewa Creek	Gilmore	A. R. Mussel, Clare	Mar. 26	6,000
Loomis or Little Salt Creek	Wise	C. A. Allen, Loomis	Mar. 27	6,000
Willey Creek	Wise	C. A. Allen, Loomis	Mar. 27	4,500
Hensy Creek	Wise and Veruon.	C. A. Allen, Loomis	Mar. 27	3,000
Pumphrey Creek	Rolland	Roger Scott, Blanchard	Mar. 23	1,500
Logic Creek	Rolland	Roger Scott, Blanchard	Mar. 23	1,500
Rogers Creek	Rolland	Roger Scott, Blanchard	Mar. 23	1,500
Sawdy Brook	Rolland	Roger Scott, Blanchard	Mar. 23	1,500
Babcock Creek	Rolland	Roger Scott, Blanchard	Mar. 23	1,500
Dermott Creek	Rolland	Roger Scott, Blanchard	Mar. 23	1,500
Jackson county:				
Branch of North Branch of Kalamazoo River	Hanover	F. W. McKenzie, Concord	Mar. 18	3,000
No Name	Springport	Wm. M. Carroll, Onondaga	April 15	1,500
Skinner Creek	Hanover	W. C. Burdett, Hanover	Mar. 20	1,500
Runsdell Creek	Hanover	Irving Woodliff, Hanover	Mar. 20	1,500
Sandstone Creek	Sandstone and Blackman	Geo. E. Beebe, Jackson	Mar. 20	7,500
Four Mile Creek	Blackman	Geo. E. Beebe, Jackson	Mar. 22	3,000
Headwaters of Grand River	Liberty	Geo. E. Beebe, Jackson	Mar. 20	3,000
West Branch Kalamazoo River	Hillsdale	Geo. E. Beebe, Jackson	Mar. 20	6,000
Rives Junction Creek	Rives	Geo. E. Beebe, Jackson	Mar. 20	1,500
Dew Brook	Horton	Geo. E. Beebe, Jackson	Mar. 20	3,000
Rice Creek	Parma	Geo. E. Beebe, Jackson	Mar. 20	7,500
Crouch Creek	Summit	Geo. E. Beebe, Jackson	Mar. 20	4,500
Wade Creek	Toumpkins	Geo. E. Beebe, Jackson	Mar. 20	3,000
Snyder's Creek	Spring Arbor	Geo. E. Beebe, Jackson	Mar. 20	1,500
Inlet to Brill's Lake	Levin	H. B. Davis, Jackson	Mar. 20	1,500
Inlet to Mud Lake	Levin	H. B. Davis, Jackson	Mar. 20	1,500
Greenshaw and Kamsdell Creeks	Hanover	G. T. Greenshaw, Hanover	Mar. 20	1,500
Thayer's Creek	Norvell	B. T. Burgess, Norvell	Mar. 20	3,000
Grass Lake Creek	Grass Lake	C. R. Smith, Grass Lake	Mar. 14	3,000
Deering Creek	Sandstone	Jay King, Parma	Mar. 14	1,500
Beaver Creek	Sandstone	G. L. Hunn, Parma	Mar. 14	3,000
Cutter's Creek	Spring Arbor and Concord	F. F. Moe, Parma	Mar. 14	3,000
Tributary to Rice Creek	Parma	F. D. Bailey, Parma	Mar. 14	1,500
Johnson's Creek				
Keeler Creek	Parma	F. D. Bailey, Parma	Mar. 14	3,000
Mackey Brook	Concord	H. D. Abbott, Parma	Mar. 14	1,500
Barber Brook	Parma	S. H. Bardsdale, Parma	Mar. 14	1,500
Showerman Brook	Parma	S. H. Bardsdale, Parma	Mar. 14	2,000
Needham Creek	Parma	S. H. Bardsdale, Parma	Mar. 14	2,000
Tributary to Sandstone Creek	Several	Jos. Neidham, Parma	Mar. 14	3,000
Indian Springs Creek	Concord	B. W. Dicer, Jackson	Mar. 14	3,000
Winegar Creek	Parma	B. W. Dicer, Jackson	Mar. 14	1,500
Skinner Brook	Concord	M. B. Hawes, Parma	Mar. 14	1,500
Kalamazoo county:				
Wells Creek	Portage	Neil DeKam, Kalamazoo	Mar. 18	1,500
Carson Creek	Portage	Neil DeKam, Kalamazoo	Mar. 18	5,000
Hopkins Spring Brook	Alamo	Foster L. Deal, Williams	Mar. 26	1,500
Dobbin Spring Brook	Alamo	E. E. Cavanaugh, Williams	Mar. 26	1,500
Henton Brook	Charleston	F. F. Bachman, Battle Creek	Mar. 12	1,500
Lawler Creek	Charleston	F. F. Griswold, Battle Creek	Mar. 12	1,500
Portage Creek	Kalamazoo	Wm. Mondey, Kalamazoo	Mar. 11	1,500
Travis Creek	Cooper	Geo. A. Allen, Kalamazoo	Mar. 11	6,000
Albertson's Creek	Cooper	Wm. Murray, Kalamazoo	Mar. 11	3,000
Arcadia Creek	Kalamazoo	D. W. Osborne, Kalamazoo	Mar. 11	1,500
Spring Brook	Cooper	John Ott, Kalamazoo	Mar. 11	3,000
Boles Creek	Portage	C. L. Davis, Schoolcraft	Mar. 8	1,500
Harrison Creek	Prairie Ronde	P. C. Fureel, Schoolcraft	Mar. 8	1,500
Smith's Creek	Schoolcraft	G. W. Smith, Schoolcraft	Mar. 8	3,000
Frank's Run	Schoolcraft	E. O. Goldsmith, Vicksburg	Mar. 8	3,000
Spring Run	Schoolcraft	E. O. Goldsmith, Vicksburg	Mar. 8	1,500
No Name	Pavilion	T. E. Himebaugh, Vicksburg	Mar. 8	1,500
Abram Creek	Mostly Otsego	Wm. Crispe, Plainwell	Mar. 8	3,000
Cooper Stream	Cooper	G. W. Locke, Kalamazoo	Mar. 8	1,500
Portage Creek	Several	Henry Hobbs, Kalamazoo	Mar. 9	6,000
Davis Creek	Pavilion and Kalamazoo	Henry Hobbs, Kalamazoo	Mar. 9	7,500
Axle Creek	Kalamazoo	Henry Hobbs, Kalamazoo	Mar. 9	1,500
Stoney Brook	Alamo	F. H. Skinner, Battle Creek	Mar. 14	4,500
Hall's Spring Brook	Climax and Portage	C. A. Wise, Kalamazoo	Mar. 9	4,500
Hampton Brook	Climax and Portage	C. A. Wise, Kalamazoo	Mar. 9	3,000
Kalkaska county:				
Little Cannon Creek	Springfield or 24-5	Ransom Thornton, Stittsville	Mar. 27	12,000
Rapid River	Several	A. J. Davidson, Mancelona	April 12	10,000
Rapid River	Several	W. W. Morse, Rapid City	April 10	15,000
Rapid River	Several	Eik Rapids G. & A. Club, Eik Rapids	April 10	15,000
Kent county:				
Crinnon Creek	Mostly Oakfield	Freeman Addis, Harvard	Mar. 25	4,500
Butternut Creek	Spencer	Alonzo Griswold, Cedar Springs	Mar. 25	12,000
Spring Creek	Solon	R. B. Cawthorpe, Cedar Springs	Mar. 23	4,500
Rector Creek	Courtland and Algoma	Geo. F. Rector, Edgerton	Mar. 23	1,500
Chalmer's Creek	Courtland	Geo. E. Rector, Edgerton	Mar. 23	1,500

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Kent county—Continued.				
Wadell Creek	Cannon	W. J. Solomon, Belmont	Mar. 23	3,000
Whitney Brook	Plainfield	F. C. Steed, Grand Rapids	Mar. 23	9,000
Big Cedar Creek	Several	R. B. Cawthorpe, Cedar Springs	Mar. 23	7,500
Little Cedar Creek	Several	R. B. Cawthorpe, Cedar Springs	Mar. 23	3,000
Spring Creek	Solon	Earl Rasco, Sand Lake	Mar. 23	3,000
Jordan Creek	Solon and Nelson	Chas. Marble, Sand Lake	Mar. 23	1,500
Jock Creek	Solon	B. Cawthorpe, Cedar Springs	Mar. 23	4,500
Sterman Creek	Courtland	R. B. Cawthorpe, Cedar Springs	Mar. 23	1,500
Zoppa Creek	Nelson	Earl Rasco, Sand Lake	Mar. 23	1,500
Green's Creek	Nelson	Otis Peck, Sand Lake	Mar. 23	1,500
Maston Creek	Spencer	D. M. Boss, Sand Lake	Mar. 23	3,000
Duke Creek	Nelson, Solon, etc.	F. E. Shattuck, Sand Lake	Mar. 23	7,500
English Creek	Tyrone	R. Headley, Bailey	Mar. 25	3,000
Barber's, Snow and Dutchman Creeks	Tyrone	C. S. Fuels, Kent City	Mar. 25	12,000
Clear Creek	Algoma	Dr. H. L. Miller, Kent City	Mar. 25	1,500
Finley Creek	Tyrone	C. L. Cold, Bailey	Mar. 25	3,000
Post's Creek	Tyrone	Arthur Miller, Bailey	Mar. 25	1,500
No Name	Byron	Harvey G. Taylor, Grandville	Mar. 18	1,500
Rush Creek	Byron	Harvey G. Taylor, Grandville	Mar. 18	6,000
Buck Creek	Wyoming	W. H. Zylstra, Grand Rapids	Mar. 18	9,000
Hutchins Stream	Oakfield	F. J. Cole, Greenville	Mar. 28	3,000
Wright Creek	Vergennes	U. B. Williams, Lowell	Mar. 12	3,000
Cherry Creek	Vergennes and Lowell	U. B. Williams, Lowell	Mar. 12	3,000
Baird Creek	Vergennes	U. B. Williams, Lowell	Mar. 12	4,500
Koph Creek	Lowell	U. B. Williams, Lowell	Mar. 12	3,000
Kinyon Creek	Lowell	U. B. Williams, Lowell	Mar. 12	3,000
Honey Creek	Ada	Harry G. Thompson, Ada	Mar. 13	4,000
Spring Brook	Lowell	U. B. Williams, Lowell	Mar. 12	1,500
Keweenaw county:				
Buffalo Creek	Grant	Joe Hensley, Calumet	May 8	4,000
Upper Waters Montreal River	Grant and Sherman	W. R. Vivian, Laurium	May 8	8,000
Montreal River	Grant	H. B. Langester, Laurium	May 8	8,000
Mosquito Creek	Grant	L. M. Shields, Phoenix	May 8	4,000
Black Creek	Allouez	Thos. Wilcox, Calumet	May 8	6,000
Silver Creek	Grant and Sherman	Thos. Wilcox, Calumet	May 8	4,000
Betsy Creek	Grant and Sherman	C. L. Webb, Laurium	May 8	6,000
Gratiot River	Allouez	Keweenaw Rod & Gun Club, Mohawk	May 8	10,000
Trap Rock River	Allouez	Keweenaw Rod & Gun Club, Mohawk	May 8	12,000
Montreal River	Grant	Keweenaw Rod & Gun Club, Mohawk	May 8	12,000
Tobacco River	Schoolcraft	Johnson Vivian, Laurium	May 8	4,000
Gratiot River	Schoolcraft	Geo. Williams, Calumet	May 8	10,000
Tobacco River	Mostly Sherman	Andrew Jackson, Gay	May 8	8,000
East Branch of Tobacco River	Houghton	Amos Bammert, Phoenix	May 8	6,000

The White Birch				
Lake county:				
Saubie River	Grant	Frank Buschell, Lake Linden	May 8	4,000
Pine and Little Manistee Rivers	Several	H. W. Marsh, Manistee	April 11	40,000
Pine and Little Manistee Rivers	Several	H. W. Marsh, Manistee	April 11	50,000
Pine River	Several	Geo. Cutler, Luther	April 11	50,000
Little Manistee River	Dover	Geo. B. Sawrey, Luther	April 11	20,000
Headwaters of Big Saubie River	Webber and Elk	Hon. H. D. Jewell, Grand Rapids	April 25	46,000
Baldwin Creek	Elk	Wm. Utter, Peacock	April 25	16,000
Danaher Creek	Pleasant Plains	C. F. Camp, Grand Rapids	April 25	16,000
Blood Creek	Pleasant Plains	C. F. Camp, Grand Rapids	April 25	12,000
Sanborn or Farnsworth Creek	Several	C. F. Camp, Grand Rapids	April 25	9,000
Baker Creek	Cherry Valley	C. A. Kantz, Nirvana	April 8	6,000
Loree Creek	Cherry Valley	A. S. Coutant, Mt. Pleasant	April 8	3,000
Middle Branch of Marquette River	Cherry Valley	G. W. Baylis, Mt. Pleasant	April 8	15,000
Pere Marquette River	Cherry Valley	Geo. F. Duffing, Baldwin	April 8	9,000
Sanborn Creek	Pleasant Plains	H. W. Davis, Baldwin	April 8	15,000
Baldwin Creek or North Branch of Pere Marquette River	Pleasant Plains	Wm. Keyser, Baldwin	April 8	3,000
Jumbo Creek	Several	J. B. Morley, Saginaw	April 8	7,500
Danaher Creek	Pleasant Plains	C. Hagerman, Ludington	April 8	12,500
Middle Branch Pere Marquette River and Tributary of Blood's Creek	Several	W. R. Humphrey, Saginaw	April 8	22,500
Pere Marquette River	Several	W. B. Mershon, Saginaw	April 8	22,500
Pere Marquette River and Tributaries	Pleasant Plains	Geo. Grant, Saginaw	April 8	3,000
Bowman Creek	Several	Geo. M. Brown, Detroit	April 8	18,000
Cedar Creek (Big South Branch)	Lake	C. Hagerman, Ludington	April 8	25,000
Saubie River	Chase	C. Hagerman, Ludington	April 8	5,000
Sweetwater Creek	Chase	Thos. F. Bray, Reed City	Mar. 26	7,500
Middle Branch Pere Marquette	Chase	Thos. F. Bray, Reed City	Mar. 26	7,500
Lapeer county:				
Carpenter Creek	Mayfield	E. J. Thresher, Lapeer	Mar. 27	4,500
Miller Creek	Deerfield and Rich	E. J. Thresher, Lapeer	Mar. 27	4,500
Headwaters of Mill Creek	Several	E. J. Thresher, Lapeer	Mar. 27	7,500
Gravel Creek	North Branch	K. M. Barbour	Mar. 27	4,500
Leelanau county:				
Knox Creek	Empire	F. R. Dailey, Empire	April 13	2,000
Lardie's Creek	Empire	E. R. Dailey, Empire	April 13	2,000
Dunn's Creek	Glen Arbor	Nessen Bros., Glen Arbor	April 13	2,000
Atkinson Pond and Stream	Empire	D. H. Day, Glen Arbor	April 13	4,000
No Name	Leland	F. H. Blackledge, Indianapolis	April 10	3,000
Mosse's Creek	Suttons Bay	F. H. Blackledge, Indianapolis	April 10	3,000
Victoria Creek	Solon	D. H. Power, Sutton Bay	April 3	12,000
Kritz Creek	Cleveland	Elmer Billman, Cedar City	April 2	12,000
		James Daley, Empire	April 13	2,000

Brook Trout Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Legawee county: Evans Creek	Franklin	Jewett Whelan, Tipton	Mar. 20	10,500
Livingston county: Branch of Ore Creek	Hartland and Osceola	G. B. Merrill, Oak Grove	Mar. 16	6,000
Stewart Creek	Hamburg	B. T. O. Clark, Brighton	Mar. 16	1,500
Walker's Creek	Genoa and Hamburg	B. T. O. Clark, Brighton	Mar. 16	4,500
Nishon's Creek	Green Oak	B. T. O. Clark, Brighton	Mar. 16	1,500
Beech Creek	Brighton	B. T. O. Clark, Brighton	Mar. 16	1,500
Mc Donell's Creek	Brighton	B. T. O. Clark, Brighton	Mar. 16	3,000
Ore Creek	Several	B. T. O. Clark, Brighton	Mar. 16	4,500
Woodruff Creek	Hartland and Brighton	B. T. O. Clark, Brighton	Mar. 16	6,000
Weichert Creek	Genoa and Hamburg	B. T. O. Clark, Brighton	Mar. 16	3,000
Peach's Creek	Green Oak	B. T. O. Clark, Brighton	Mar. 16	1,500
Luce county: Laketon Creek	Columbus and Wakefield	H. K. Skinner, McMillen	May 14	4,000
East Creek	Columbus	H. K. Skinner, McMillen	May 14	4,000
Cyphone Creek	Columbus	H. A. Heidelbrecht, McMillen	May 14	8,000
Headwaters of Tahquamenon River	Columbus	H. A. Heidelbrecht, McMillen	May 14	12,000
Headwaters of Tahquamenon River	Columbus	W. G. Fretz, Newberry	May 14	12,000
Murphy Creek	47 N. or R. S. 9, 10 W	W. S. Linton, Saginaw	May 14	12,000
Linton Creek	49 N. of R. S W	W. S. Linton, Saginaw	May 14	20,000
Two Heart Creek	Mc Millan	R. C. Bradley, Newberry	May 1	8,000
West Branch of Sage River	Pentland	Wm. Hansen, Rexton	May 1	8,000
East Branch of Sage River, Tributary to Tahquamenon River	Pentland	D. M. McLeod, Rexton	May 1	8,000
Mackinaw county: Headwaters of Millicoquin River	44-10	W. G. Fretz, Newberry	May 14	6,000
Past Branch of Sage	Hudson	Wm. Hansen, Rexton	April 19	7,500
Hendrie Creek	Hudson and Hendricks	Wm. Hansen, Rexton	April 19	9,000
North Branch of Carp River	Brevoort and St. Ignace	Fred Kruger, St. Ignace	May 17	10,000
Silver Creek	Brevoort and St. Ignace	Fred Kruger, St. Ignace	May 17	10,000
Carp River	Brevoort and Moran	O. C. Boynton, St. Ignace	May 17	12,000
Branch of North Branch of Carp River	Moran	J. L. McCheskey, St. Ignace	May 17	10,000
South Branch of Carp River	Moran	Wm. Massey, Allenville	May 17	10,000
Small Brevoort River	Moran	Wm. Massey, Allenville	May 17	10,000
Macomb county: Smith's Creek	Several	F. Glispie, Romeo	April 6	3,000
Stoney Creek	Avon	F. Glispie, Romeo	April 6	4,500
Silver Creek	Bruce	F. Glispie, Romeo	April 6	3,000
Hilton's Creek	Washington	H. W. Bradley, Romeo	April 6	1,500
Horner's Brook	Bruce	H. W. Bradley, Romeo	April 6	1,500
Benjamin's Creek	Washington	H. W. Bradley, Romeo	April 6	3,000
Macomb county: Toal's Creek	Grant	Hugo Olson, Freesoil	April 8	1,500
Sauble River	Several	Thos. S. Stephens, Freesoil	April 8	15,000
South Lincoln Creek	Victory and Sherman	D. S. Betka, Sherman	April 8	6,000
Swan Creek	Eden and Riverton	D. S. Betka, Sherman	April 8	6,000
Weldon Creek	Branch and Custer	C. Hagerman, Ludington	April 8	8,000
Nickerson Creek	Summit and Riverton	C. F. Lewis, Pentwater	April 22	7,500
Quinn Creek	Summit and Riverton	C. F. Lewis, Pentwater	April 22	3,000
Manistee county: Bear Creek	Several	F. A. Mitchell, Manistee	April 13	22,500
Beaver Creek	Maple Grove	T. G. Trimble, Manistee	April 13	4,500
Cedar Creek	Several	T. G. Trimble, Manistee	April 13	4,500
Kaiser Creek	Bear Lake and Maple Grove	T. G. Trimble, Manistee	April 13	4,500
Third Creek	Marilla	W. S. Smith, Copemish	April 13	3,000
Hatch's Creek	Leon and Springfield	F. A. Mitchell, Manistee	April 13	12,000
Welch Creek	Springdale	Jas. P. Maisie, Bear Lake	April 13	1,500
Leonard's Creek	Onekama	Hans A. Wendel, Onekama	April 13	1,500
Wendt's Creek	Onekama	Hans A. Wendel, Onekama	April 13	1,500
Hanson's Creek	Onekama	Hans A. Wendel, Onekama	April 13	1,500
Carlton Creek	Onekama	Hans A. Wendel, Onekama	April 13	1,500
Schroeder's Creek	Onekama	Hans A. Wendel, Onekama	April 13	1,500
Schultz Creek	Onekama	Hans A. Wendel, Onekama	April 13	1,500
Chief Creek	Onekama and Bear Lake	Hans A. Wendel, Onekama	April 13	1,500
Wilson Creek	Brown	Peter Schneider, Chief	April 13	3,000
Wilson Creek	Brown	Frank Schneider, Chief	April 13	3,000
Johnson's Creek	Several	Peter Schneider, Chief	April 13	1,500
Bear Creek	Several	Ira J. Mathews & Son, Norwalk	April 13	3,000
Claybank Creek	Several	Ed. Gilbert, Traverse City	April 25	12,000
Pine Creek	Stronach and Brown	T. A. Brown, Eastlake	April 8	6,000
No Name	Manistee	J. G. Trimble, Manistee	April 8	9,000
Pine Creek	Springdale	Frank Richwalski, Manistee	April 8	3,000
Big Bear Creek	Springdale and Maple Grove	Ray Marker, Bear Lake	April 13	1,500
Green's Creek	Springdale	Ray Marker, Bear Lake	April 13	12,000
Cedar Creek	Springdale	Ray Marker, Bear Lake	April 13	3,000
Well's Creek	Springdale	Ray Marker, Bear Lake	April 13	4,500
Bowen's Creek	Springdale	Ray Marker, Bear Lake	April 13	3,000
Bond's Creek	Pleasanton and Arcadia	Ray Marker, Bear Lake	April 13	4,500
Little Bear Creek	Maple Grove	Ray Marker, Bear Lake	April 13	4,500
Mecosta county: Ryan and Mitchell Creek and Tributaries	Colfax	W. H. Redman, Big Rapids	April 6	16,000
Little and Big Buckhorn Creeks and Cherry Creek	Mecosta	Mich. Fish Commission	May 8	30,000
Paris and Herrick Creeks	Green	Mich. Fish Commission	May 8	30,000
Benjamin Creek	Fork	W. S. Laffin, Barryton	April 4	4,000
Tanner Creek	Sheridan	W. S. Laffin, Barryton	April 4	4,000
Brown Creek	Fork	W. S. Laffin, Barryton	April 4	2,000
Tanner Creek	Sheridan	W. S. Laffin, Barryton	April 4	4,000
Butte's Creek	Fork	O. S. Wood, Barryton	April 4	4,000
Rattail Creek	Fork	O. S. Wood, Barryton	April 4	4,000
Scott Creek	Millbrook	Roger Scott, Blanchard	April 28	1,500

TWENTIETH REPORT—STATE FISHERIES.

TWENTIETH REPORT—STATE FISHERIES.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Mecosta county.—Continued.				
Decker Creek	Millbrook and Rolland	Roger Scott, Blanchard	April 28	3,000
Pine River and Branches	Millbrook	T. O. Pattison, Millbrook	April 28	22,500
West Branch of Pine River	Wheatland	J. M. Swisher, Remus	April 28	1,500
Pine River	Wheatland	J. M. Swisher, Remus	April 28	3,000
Indian Creek	Wheatland and Shertman	Geo. Colgrove, Remus	April 28	4,500
Abley Creek	Wheatland	Geo. A. Colgrove, Remus	Mar. 28	3,000
Bingen Creek	Wheatland	P. J. Theisen, Remus	Mar. 28	9,000
Poney Creek	Wheatland and Bloomfield	P. J. Theisen, Remus	Mar. 28	4,500
East Branch of Little Muskegon River	Morton and Martiny	M. Carmen, Mecosta	Mar. 28	4,500
Cold Creek	Morton	John O'Brien, Mecosta	Mar. 28	1,500
Pointer Creek	Morton	F. O. Redick, Mecosta	Mar. 28	3,000
Dead Stream	Morton	John Snyder, M. D., Mecosta	Mar. 28	1,500
Little Muskegon River	Morton	F. O. Redick, Mecosta	Mar. 28	15,000
Schroeder Creek	Hinton	Ray Carmen, Mecosta	Mar. 28	4,500
Gilbert Creek	Morton	Ray Carmen, Mecosta	Mar. 28	4,500
Quigley Creek	Deerfield	Isaac Laird, Morley	Mar. 23	6,000
Hornor Creek	Deerfield	Ira Helms, Morley	Mar. 23	6,000
Brockway Creek	Hinton	Andy Helms, Morley	Mar. 23	6,000
Clear Brook	Mecosta	C. F. Barnard, Stanwood	Mar. 26	1,500
Marquette county:				
Spruce River	Michiganme and Republic	C. F. Sundstrom, Michiganme	April 29	10,000
Fence River	Michiganme and Republic	C. F. Sundstrom, Michiganme	April 29	10,000
Hunter's Brook	41-42 R. 24	C. E. Voght, Escanaba	April 29	12,000
De Longchamp Creek	Champion	C. Van Riper, M. D., Champion	April 29	4,000
Deer Creek	Ishpeming	Geo. A. Newett, Ishpeming	April 29	4,000
Deer Creek	Ishpeming	Geo. A. Newett, Ishpeming	April 29	10,000
Mullins Creek	Ishpeming and Eby	Geo. A. Newett, Ishpeming	April 29	10,000
Ropes Creek	Ishpeming and Negaunee	Geo. A. Newett, Ishpeming	April 29	6,000
Wableman's Creek	Several	Geo. A. Newett, Ishpeming	April 29	32,000
Escanaba River	Humboldt and Eby	J. D. Spitzer, Ishpeming	April 29	12,000
West Branch of West Branch of Escanaba River	Chocoley	E. C. Geisregen, Marquette	April 29	10,000
Foster's Creek	Chocoley	E. C. Geisregen, Marquette	April 29	10,000
Cedar Creek	Chocoley	H. R. Gamble, Republic	April 29	10,000
Nelson Creek	Republic	C. W. Munson, Republic	April 29	4,000
Captain's Creek	Republic	C. W. Munson, Republic	April 29	6,000
Brush Creek	Republic	C. W. Munson, Republic	April 29	6,000
Gramat Creek	Republic	C. W. Munson, Republic	April 29	6,000
Bear Creek	Republic	C. W. Munson, Republic	April 29	3,000
Midway Creek	Republic and Humboldt	C. W. Munson, Republic	April 29	8,000
Black River	Republic	C. W. Munson, Republic	April 29	8,000
Spruce River	Eby	C. W. Munson, Republic	April 29	12,000
West Branch of Escanaba River	Republic	C. W. Munson, Republic	April 29	8,000
Beaver Creek	Republic	C. W. Munson, Republic	April 29	8,000
Morgan Creek				
Schwartz Creek	Negaunee	Negaunee R. & G. Club, Negaunee	April 29	4,000
Carp River	Several	Negaunee R. & G. Club, Republic	April 29	14,000
Tributaries to Horseshoe Lake	Ishpeming and Negaunee	Negaunee R. & G. Club, Republic	April 29	12,000
Teal Lake Inlets	Negaunee	Negaunee R. & G. Club, Republic	April 29	2,000
Tributaries to Sec. 21 Lake	Negaunee	Negaunee R. & G. Club, Republic	April 29	2,000
Bole's Lake, tributary to Escanaba River	Negaunee	Negaunee R. & G. Club, Republic	April 29	4,000
Chandler's Brook, tributary to Escanaba River	Forsyth	Negaunee R. & G. Club, Republic	April 29	3,000
Big West Creek, tributary to Escanaba River	Negaunee	Peter Koski, Gwinn	April 26	3,000
Little East Creek, tributary to Escanaba River	Negaunee	Jno. R. Reigart, Princeton	April 26	3,000
Half Way Creek, tributary to Escanaba River	Negaunee	Jno. R. Reigart, Princeton	April 26	4,500
Links Creek	Negaunee	J. I. Kelton, Princeton	April 26	3,000
Bear Creek, tributary to Escanaba River	Forsyth	T. I. Kelton, Princeton	April 26	7,500
Green Creek, tributary to Escanaba River	Forsyth	G. R. Jackson, Princeton	April 26	4,500
East Branch, tributary to Escanaba River	Forsyth	G. R. Jackson, Princeton	April 26	6,000
Cherry Creek	Forsyth	G. R. Jackson, Princeton	April 26	4,500
Little Dead River	Chocoley and Sands	G. R. Jackson, Princeton	April 26	6,000
West Branch of Laughing Whitefish River	Chocoley	W. S. Ewing, Harvey	April 26	0,000
Yellow Dog and its branches	Ishpeming and Eby	H. A. St. John, Marquette	April 26	9,000
Fickel Lake Creek	Marquette	H. A. St. John, Marquette	April 26	4,500
Reany Creek	Marquette	H. A. St. John, Marquette	April 26	3,000
Cherry Creek	Marquette	H. A. St. John, Marquette	April 26	9,000
Big Creek	Marquette	H. A. St. John, Marquette	April 26	3,000
Bear Creek	Marquette	H. A. St. John, Marquette	April 26	4,500
South Branch of Wilson Creek	Marquette	H. A. St. John, Marquette	April 26	4,500
Branches of Dead River	Powell	H. A. St. John, Marquette	April 26	3,000
Whitefish River	Marquette	H. A. St. John, Marquette	April 26	3,000
The Pup	Skandia	H. A. St. John, Marquette	April 26	6,000
Wilson Creek	Powell	H. A. St. John, Marquette	April 26	3,000
Alder Creek	Powell	H. R. Harris, Marquette	April 26	9,000
Chocoley River and Branches	Powell	H. R. Harris, Marquette	April 26	3,000
Garlic River	Powell	H. R. Harris, Marquette	April 26	3,000
	Powell	H. R. Harris, Marquette	April 26	15,000
	Powell	H. R. Harris, Marquette	April 26	7,500
Menominee county:				
Big Brook	Stephenson and Cedarville	C. G. Walton, P. M., Daggett	April 24	6,000
Big Brook	Stephenson and Cedarville	J. Thorpe, Stephenson	April 24	6,000
Ten Mile Creek	Spaulding	C. B. Wheeler, Powers	April 20	6,000
Reed's Creek	Spaulding	Ed. Ehrens, Powers	April 20	4,500
Durkman's Creek	Spaulding	Johnson Kell, Powers	April 20	7,500
Wilson Creek	Wilson	A. P. Gillis, Powers	April 20	6,000
Black Creek	Holmes	Geo. Kroenke, Vulcan	April 24	3,000
Hay Creek	Holmes	W. J. Turner, Vulcan	April 24	3,000
Little Cedar River	Mayer	A. J. Kremer & J. D. Hayes, Hermanville	April 24	3,000
Inlets to Hermansville Pond	Mayer	J. D. Hayes, Hermansville	April 24	3,000
Cunard's and Vesper Creeks	Mayer	J. D. Hayes, Hermansville	April 24	3,500
Camp Twenty-Five Creek	Mayer	J. D. Hayes & A. J. Kremer, Hermanville	April 24	1,500
Camp Seven Creek	Mayer	J. D. Hayes, Hermansville	April 24	3,000
North Branch Cedar River	Spaulding	J. H. Loomis, Hermansville	April 24	3,000
Quade Creek	Spaulding	Antoine Gignier, Powers	April 24	1,500
	Spaulding	Chas. M. Quade, Powers	April 24	15,000

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County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Menominee county.—Continued.				
Wheeler Creek	Spaulding	B. Wheeler, Powers.	April 24	4,500
Ray Creek	Spaulding	Irving Bruin, Powers.	May 1	8,000
Spaulding Cedar River	Spaulding	B. Wheeler, Powers.	April 24	9,000
Missaukee county:				
Little Carmon Creek	Pioneer	Warren Jones, Lake City	Mar. 27	3,000
Mosquito Creek	Reeder and Riverside	F. M. Nye, Lake City	Mar. 27	6,000
Taylor Creek	Butterfield and Aetna	F. M. Nye, Lake City	Mar. 27	3,000
Filer Creek	Pioneer and Bloomfield	F. H. Reeder, Lake City	Mar. 27	6,000
Ham Creek	Bloomfield	Fred Rose, Lake City	Mar. 27	6,000
No Name	Clam and Union	Hiram Scheifers, Vogel Center	Mar. 27	3,000
Granberry Creek	Clam and Union	Hiram Scheifers, Vogel Center	April 9	3,000
Clam River	Riverside and others	Hon. C. A. Brott, South Boardman	April 9	15,000
Hopkins River	Forest and Bloomfield	Warren Jones, Lake City	Mar. 27	7,500
West Branch of Muskegon River	Forest and West Branch	Henry Plummer, Lake City	Mar. 23	6,000
Clam River	Lake, Riverside and others	Bert Ostrander, Lake City	Mar. 23	7,500
Little Butterfield Creek	Reeder	C. Milligan, Lake City	Mar. 23	4,500
Hopkins Creek	Forest and Caldwell	Dr. J. Doudna, Lake City	Mar. 23	6,000
Butterfield Creek	Several	L. B. Proctor, Lake City	Mar. 23	6,000
West Branch of Muskegon River	West Branch	J. Frank Stevens, Lake City	Mar. 23	6,000
Hopkins Creek	Caldwell and Bloomfield	Chas. H. Bostick, Manton	Mar. 23	7,500
Chase Creek	Liberty and Caldwell	Chas. H. Bostick, Manton	Mar. 30	4,500
Morse Creek	Caldwell	Chas. H. Bostick, Manton	Mar. 30	4,500
Golden Creek	Caldwell	Chas. H. Bostick, Manton	Mar. 30	3,000
Montcalm county:				
Prairie Creek	Dushnell	B. L. Goodsell, Vickeryville	Mar. 25	9,000
Grant Creek	Pierson	Alvin R. Brown, Sand Lake	Mar. 23	1,500
Carpenter Creek	Pierson	W. Carpenter, Sand Lake	Mar. 23	1,500
Black Creek	Several	F. E. Shattuck, Sand Lake	Mar. 23	10,500
Church Creek	Winfield	J. A. Collins, Howard City	Mar. 23	3,000
Indian Creek	Reynolds	W. H. Collins, Howard City	Mar. 23	3,000
Whitefish Creek	Reynolds	J. G. Buck, Howard City	Mar. 23	3,000
Bruce Creek	Winfield	E. V. Fuhs, Howard City	Mar. 23	6,000
Handy and Fosal Creeks	Winfield	W. H. Lovely, Howard City	Mar. 23	9,000
Rice Creek	Pierson and Reynolds	W. H. Lovely, Howard City	Mar. 23	4,500
Ryan Creek	Croton	W. H. Lovely, Howard City	Mar. 23	3,000
Little Muskegon River	Reynolds	W. H. Lovely, Howard City	Mar. 23	10,500
Little Penny or Cedar Creek	Several	Miles A. Drallette, Weidman	April 4	6,000
Horton Creek	Montcalm	Geo. C. Bower, Greenville	Mar. 28	3,000
Turk Lake	Montcalm	E. A. Kemp, Greenville	Mar. 28	3,000
Berridge's Creek	Fairplains	E. A. Kemp, Greenville	Mar. 28	1,500
Korte's Creek	Fairplains	F. D. Briggs, Langston	Mar. 28	4,500
Broderick Creek	Pine	F. D. Briggs, Langston	Mar. 28	3,000
West Branch				
West Branch	Pine	F. D. Briggs, Langston	Mar. 28	4,500
Inlet to Muscallonge Lake	Pine	F. D. Briggs, Langston	Mar. 28	3,000
Horton Creek	Maple Valley	Jensen Bros., Trufant	Mar. 28	3,000
Dixon Creek	Montcalm	Henry Paulsen, Gowen	Mar. 28	9,000
Hunter's Creek	Fairplains	E. E. Brown, Shiloh	Mar. 28	1,500
Bennet Creek	Bushnell	H. Edwards, Fenwick	Mar. 28	3,000
Castle's Creek	Bushnell	Geo. East, Fenwick	Mar. 28	1,500
Deer's Creek	Bushnell	Herbert Edwards, Fenwick	Mar. 28	3,000
Fish Creek	Bushnell	F. Taylor, Sheridan	Mar. 28	7,500
Bachman Creek	Several	C. B. Rarden, Stanton	Mar. 28	3,000
Cedar Creek	Douglas	C. B. Rarden, Stanton	Mar. 28	3,000
Branch of Fish Creek	Douglas	C. B. Rarden, Stanton	Mar. 28	3,000
Hooker Creek	Douglas	C. B. Rarden, Stanton	Mar. 28	3,000
Snaky Run	Day	Geo. E. Dakin, Stanton	Mar. 28	3,000
Witcox Creek	Eureka	F. J. Cole, Greenville	Mar. 28	3,000
Middle Branch of Fish Creek	Eureka	F. J. Cole, Greenville	Mar. 28	3,000
South Branch of Pine River	Richland	Albert Evans, Fishville	April 25	7,500
Sackett's Creek	Edmore	F. E. Curtis, Edmore	April 3	9,000
Wolf Creek	Edmore	F. E. Curtis, Edmore	April 3	6,000
Chapin Creek	Highland and Home	F. E. Curtis, Edmore	April 3	8,000
Inlet to Mud Lake	Ferris	J. W. Johnson, Elmhall	April 3	4,000
South Branch of Pine River	Several	Alfred Johnson, Riverdale	April 3	2,000
		M. J. Briggs, Vestaburg	April 3	6,000
Montmorency county:				
North Branch of Thunder Bay River	Montmorency and Long Rapids	W. H. Farrier, Hillman	April 12	9,000
Royston Creek	Montmorency	Wm. A. Cannon, Royston	April 12	4,500
Anchor Creek	Hillman	J. Ben Johnson, Royston	April 12	3,000
Sucker Creek	Hillman	Austin Rea, Hillman	April 12	3,000
Thunder Bay River and Tributaries	Hillman	Austin Rea, Hillman	April 12	4,500
Gilchrist Creek	Rust	Austin Rea, Hillman	April 12	4,500
Brush Creek	Hillman	W. E. Lake, Hillman	April 12	4,500
Miller Creek	Rust and Hillman	G. A. Murphy, Hillman	April 12	4,500
Hunt Creek	Albert and Rust	Geo. Sachs, Lewiston	April 16	8,000
Middle Branch of Big Creek	29-1 E. 27 and 28-1 W	Geo. Sachs, Lewiston	April 13	10,000
Big Black River	Several	W. J. Simmons, Gaylord	April 18	20,000
Sheridan Creek	Albert	Geo. F. Sachs, Lewiston	April 4	4,000
Bullock Creek	Rust 29-4 E	W. E. Carr, Alpena	Mar. 30	6,000
Muskegon county:				
Lake Creek	Casnovia	Theo. W. Owen, Bailey	Mar. 25	4,500
Miller Creek	Casnovia and Ashland	A. Miller, Bailey	Mar. 25	1,500
Comstock Creek	Casnovia	C. L. Gold, Bailey	Mar. 25	3,000
Norris Creek	Sullivan	F. Sheringer, Sullivan	April 16	6,000
Smith's Creek	Montague	Wm. Paulie, Montague	Mar. 22	3,000
Sand Creek	Grand and Montague	A. F. Casselman, Montague	Mar. 22	9,000
Carleton Creek	Montague	A. F. Casselman, Montague	Mar. 22	6,000
Little Flower Creek	White River	Wm. Lacomte, Jr., Montague	Mar. 22	3,000
Lamford Creek	Montague	Chas. Howel, Montague	Mar. 22	3,000
Mud Creek	Blue Lake	Richland Hall, Montague	Mar. 22	3,000
Mill Creek	Montague	Carl N. Gasahl, Montague	Mar. 22	3,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Muskegon county.—Continued.				
Kiet's Stream	Montague.	Clinton C. Smith, Montague.	Mar. 22	3,000
Flower Creek	White River	J. B. Aveline, Montague.	Mar. 22	4,500
Carlton Creek	Montague.	Paul G. Kling, Montague.	Mar. 22	6,000
Flower Creek	White River and Claybank	Chas. Hansen, Montague.	Mar. 22	4,500
White River Creek	White River	Prof. J. A. Sadony, Montague.	Mar. 22	1,500
Silver Creek	Blue Lake and Whitehall	E. D. Magoon, Muskegon.	Mar. 22	6,000
Duck Creek	Dalton and Fruitland	E. D. Magoon, Muskegon.	Mar. 22	4,500
Little Black Creek	Muskegon	E. D. Magoon, Muskegon.	Mar. 22	4,500
Mosquito Creek	Eggleston	E. D. Magoon, Muskegon.	Mar. 22	3,000
Ryerson Creek	Muskegon	E. D. Magoon, Muskegon.	Mar. 22	6,000
Cleveland Creek	Blue Lake	E. D. Magoon, Muskegon.	Mar. 22	6,000
Big Black Creek	Muskegon	E. D. Magoon, Muskegon.	Mar. 22	9,000
Greens' Creek	Fruitland and Laketon	E. D. Magoon, Muskegon.	Mar. 22	4,500
Wolf Creek	Ravenna	H. A. Muzzall, Coopersville.	Mar. 21	3,000
Norris Creek	Several	E. D. Magoon, Muskegon.	Mar. 22	9,000
Titatute Creek	Ravenna	A. H. Moore, Ravenna.	Mar. 22	3,000
Cedar Creek	Holton and Cedar Creek	D. L. Skeels, Holton.	April 2	6,000
Cedar Creek	Holton	R. J. Patelski, Holton.	April 2	6,000
Newaygo county:				
Foxville Creek	Monroe	John W. Orth, Woodville.	April 2	2,000
Norton Creek	Goodwell	Glenn Bullman, Woodville.	April 2	6,000
Towne's Creek	Monroe and Wilcox	J. C. Russell, Woodville.	April 2	4,000
Manchip Creek	Monroe	J. C. Russell, Woodville.	April 2	4,000
Williams Creek	Sheridan and Garfield	J. A. Gerber, Fremont.	April 2	6,000
Minnie Creek	Bridgeton	J. A. Gerber, Fremont.	April 2	4,000
Cushman Creek	Greenwood	J. A. Gerber, Fremont.	April 2	4,000
Martin's Creek	Denver	W. D. Sargeant, Fremont.	April 2	6,000
Dowling Creek	Lincoln	W. D. Sargeant, Fremont.	April 2	6,000
Kinney Creek	Monroe	Wm. Kimball, White Cloud.	April 1	3,000
Post's Barnum and Isenhart Creeks	Grant and Ashland	Allen J. Titus, Grant.	Mar. 25	6,000
Biglow and Coolbrough Creeks	Brooks and East	S. D. Thompson, Newaygo.	Mar. 25	12,000
Big Brooks	Brooks	M. H. Whitmore, Newaygo.	Mar. 25	3,000
Penoyer Creek	Wilcox	S. D. Bouter, Newaygo.	Mar. 25	6,000
Miller Creek	Monroe	G. E. Whitman, White Cloud.	Mar. 25	3,000
Mattison Creek	Monroe	G. E. Whitman, White Cloud.	Mar. 25	3,000
White River	Wilcox	Branch Bros., White Cloud.	Mar. 25	12,000
Kinney Creek	Monroe	Dan Matheson, White Cloud.	Mar. 25	3,000
Five Mile Creek	Wilcox	W. S. Barton, White Cloud.	Mar. 25	3,000
Inlet of Little Robinson Lake	Sherman	Fred Daenger, White Cloud.	Mar. 25	1,500
White River	Wilcox	W. D. Hopkinson, Big Rapids.	Mar. 25	12,000
Little South Branch	Home	P. Christenson, Bitley.	Mar. 25	6,000
Cedar Creek	Troy	P. Christenson, Bitley.	Mar. 25	4,500
Tank Creek	Home	P. Christenson, Bitley.	Mar. 25	4,500
Ashland county:				
Ashland Creek	Ashland and Casnovia	C. L. Gold, Bailey	Mar. 25	1,500
Isenhart Creek	Ashland	C. L. Gold, Bailey	Mar. 25	1,500
Simpson Creek	Ensley	Jas. Simpson, Sand Lake	Mar. 23	3,000
Fray Creek	Ensley	David Curtis, Sand Lake	Mar. 23	3,000
Reynolds Creek	Ensley	David Curtis, Sand Lake	Mar. 23	3,000
Mullin Creek	Wilcox	R. C. Ensley, Sand Lake	Mar. 23	3,000
Engleright Creek	Ensley	Ed. Strojic, Sand Lake	Mar. 23	3,000
Reynolds Creek	Ensley	Ed. Strojic, Sand Lake	Mar. 23	1,500
Little South Branch Pere Marquette River	Ensley	W. J. Reynolds, Sand Lake.	Mar. 23	1,500
		Mich. Fish Commission.	April 13	30,000
Oakland county:				
Sherwood Creek	Milford	W. C. Brown, Milford.	Mar. 26	3,000
Pettibone Creek	Milford	F. B. Hatch, Milford.	Mar. 26	3,000
Dunlap Creek	Oxford	M. L. Miller, Oxford.	Mar. 27	3,000
Paint Creek and Tributaries	Avon and Oakland	G. R. Chapman, Rochester.	Mar. 27	7,500
Duck Creek	Brandon	A. P. Button, Ortonville.	Mar. 27	4,500
No Name	Springfield	J. W. Aurand, Davisburg.	Mar. 12	3,000
Harris Creek	Cleveland	A. P. Button, Ortonville.	Mar. 27	3,000
Shawasee Creek	Springfield	F. G. Ely, Davisburg.	Mar. 12	1,500
Weatherson Creek	Springfield	F. G. Ely, Davisburg.	Mar. 12	3,000
Headwaters of The Thread	Groveland	Chas. T. Green, Davisburg.	Mar. 12	1,500
Oceana county:				
South Branch of Cedar River	Weare and Crystal	C. F. Lewis, Pentwater.	Mar. 22	3,000
Mears Creek	Weare	C. F. Lewis, Pentwater.	Mar. 22	1,500
Crystal Creek	Weare and Crystal	C. F. Lewis, Pentwater.	Mar. 22	4,500
Webb Creek	Weare and Golden	C. F. Lewis, Pentwater.	Mar. 22	1,500
Dumaw Creek	Weare and Riverton	C. F. Lewis, Pentwater.	Mar. 22	3,000
Annelly Creek	Weare	C. F. Lewis, Pentwater.	Mar. 22	1,500
Cedar Creek	Weare and Crystal	C. F. Lewis, Pentwater.	Mar. 22	4,500
Crystal Creek	Cedar, Weare and Pentwater.	Ira C. Ford, Walkerville.	Mar. 22	4,500
Freeman Creek	Colfax	E. L. Bunting, Walkerville.	Mar. 22	3,000
Clark's Creek	Leavitt	E. L. Bunting, Walkerville.	Mar. 22	1,500
Tributaries to Beaver Creek	Leavitt and Colfax	E. L. Bunting, Walkerville.	Mar. 22	6,000
Seman Creek	Crystal	O. E. Vine, Walkerville.	Mar. 22	1,500
Rackliffe Creek	Elbridge	Will Barker, Walkerville.	Mar. 22	1,500
Shigley's Creek	Hart	W. R. Roach, Hart.	Mar. 22	6,000
Weaver Creek	Golden	Edwin A. Post, Mears.	Mar. 22	1,500
Park Creek	Golden	Edwin A. Post, Mears.	Mar. 22	1,500
Monley Creek	Golden	Edwin A. Post, Mears.	Mar. 22	3,000
Harris Creek	Golden	Edwin A. Post, Mears.	Mar. 22	1,500
Silver Lake Creek	Golden	Edwin A. Post, Mears.	Mar. 22	3,000
Nelson Creek	Golden	Edwin A. Post, Mears.	Mar. 22	3,000
Hunter Creek	Golden	Edwin A. Post, Mears.	Mar. 22	3,000
Charlton Creek	Grant	Edwin A. Post, Mears.	Mar. 22	3,000
		Frank P. Monroe, Rothbury.	Mar. 22	7,500
Ogemaw county:				
Klacking Creek	Churchill and West Brauch	Cascallen Bros., Seikirk.	April 6	8,000
Rifle River Tributaries	Churchill	Cascallen Bros., Seikirk.	April 6	16,000
East Branch of Tittabawassee River	Horton	John Tolfree, West Branch.	April 6	12,000
Priour Creek	Klacking and Cumming	John Tolfree, West Branch.	April 6	3,000
West Branch of Rifle River	West Brauch	John Tolfree, West Branch.	April 6	12,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Ogemaw county.—Continued.				
Weidman Creek	West Branch	John Tolfree, West Branch	April 6	6,000
Klacking Creek	Severel	John Tolfree, West Branch	April 6	8,000
Wood's Creek	West Branch	John Tolfree, West Branch	April 6	6,000
Crapo Creek	West Branch	John Tolfree, West Branch	April 6	4,000
Mansfield Creek	Edwards	John Tolfree, West Branch	April 6	6,000
Whitney Creek	Richland	Geo. Eymmer, Prescott	Mar. 29	8,000
Craner Creek	Richland	Geo. Eymmer, Prescott	Mar. 29	4,000
Johnson Creek	Richland	Henry Zeran, Prescott	Mar. 29	10,000
Kindorf Creek	Rose	O. L. Rakestraw, Lupton	Mar. 29	4,000
Oyster Creek	Rose	O. L. Rakestraw, Lupton	Mar. 29	4,000
No Name	Rose and Goodar	O. L. Rakestraw, Lupton	Mar. 29	4,000
No Name	Rose	O. L. Rakestraw, Lupton	Mar. 29	4,000
Vaughn Creek	Rose	O. L. Rakestraw, Lupton	Mar. 29	2,000
Russ Creek	Rose	O. L. Rakestraw, Lupton	Mar. 29	4,000
Russ Creek	Rose	O. L. Rakestraw, Lupton	Mar. 29	4,000
Ontonagon county:				
250 $\frac{1}{2}$ Mile Post, Branch of Michigamme River	4S-30	E. W. MacPherran, Marquette	May 15	6,000
218 $\frac{1}{2}$ Mile Post Branch of Ontonagon River	47-33	E. W. MacPherran, Marquette	May 15	6,000
Merryweather Creek	48-41	E. W. MacPherran, Marquette	May 15	6,000
Branch Trout Creek	47-37	E. W. MacPherran, Marquette	May 15	6,000
Firesteel River	51 and 52	H. W. Grams, Houghton	May 10	10,000
Trout Creek	Interior	O. H. Losey, Trout Creek	May 6	10,000
Silver Creek	Stannard	Alex. Turner, Bruce's Crossing	May 6	8,000
Pine Creek	Haight	P. J. Taylor, Roselawn	May 6	6,000
The Baltimore	Severel	J. N. Howlett, Bruce's Crossing	May 6	10,000
Tackert's Creek	Stannard	C. S. Brown, Bruce's Crossing	May 6	2,000
Prayer's Creek	Stannard	S. A. Barnes, Bruce's Crossing	May 6	2,000
Clear Creek	Stannard and Haight	L. G. Stuesser, Bruce's Crossing	May 6	4,000
Clear Creek	Rockland	John Kohn, Rockland	May 6	12,000
Davey's Creek	Rockland	John Kohn, Rockland	May 6	6,000
Spring Creek	Rockland	W. P. Voghtlin, Rockland	May 6	10,000
Landing Creek	Rockland	W. P. Voghtlin, Rockland	May 6	8,000
Sucker Creek	Rockland	W. P. Voghtlin, Rockland	May 6	6,000
Voghtlin's Creek	Rockland	W. P. Voghtlin, Rockland	May 6	6,000
Rockland Creek	Rockland	W. G. Richards, Rockland	May 6	2,000
Rockland Creek	Rockland	W. G. Richards, Rockland	May 6	4,000
Bingham Creek	Matchwood	L. L. Wright, Gogebic	May 1	4,000
Oscoda county:				
Frantz Creek	Highland	C. W. Graves, Dighton	April 11	6,000
Middle Branch Muskegon River	Highland and Marion	C. W. Graves, Dighton	April 11	20,000
Highland Creek	Highland	C. W. Graves, Dighton	April 11	6,000
West Branch of Clam River	Severel	Fred R. Price, Marion	April 9	15,000
Ghost Creek	Marion	Patrick White, Marion	April 9	3,000
Middle Branch Muskegon River	Severel	Patrick White, Marion	April 9	9,000
Oscoda county:				
Ceaser Creek	Marion	Patrick White, Marion	April 9	3,000
Highland Creek	Highland	Patrick White, Marion	April 9	3,000
Duesler's Creek	Hersey	Lewis Woodward, Hersey	April 8	6,000
Upper Part of Big Stone Creek	Ewart	Wm. Ramsey, Ewart	Mar. 26	3,000
Twin Creek	Severel	Wm. Ramsey, Ewart	Mar. 26	6,000
Grindstone Creek	Hartwick & Sylvan	L. A. Moody, Ewart	Mar. 26	6,000
Cat Creek	Hersey	Geo. W. Kellogg, Ewart	Mar. 26	7,500
Beaver Creek	Leroy	J. W. Patterson, Ewart	Mar. 26	3,000
East Branch Hersey Creek	Lincoln	Cornell & Carrow, Reed City	Mar. 26	12,000
Hersey River	Severel	A. J. Amer, Reed City	Mar. 26	3,000
Mc Donald's Creek	Lincoln and Richmond	W. A. McDowell, Tustin	Mar. 26	4,500
Myer's Creek	Burdell	W. A. McDowell, Tustin	Mar. 26	6,000
Pine River Creek	Burdell	J. M. Robbins, Tustin	Mar. 26	3,000
Edgett's Creek	Severel	W. M. Budge, Tustin	Mar. 26	3,000
Anderson Creek	Burdell	J. M. Robbins, Tustin	Mar. 26	3,000
Hoover Creek	Burdell	W. C. Kidder, Tustin	Mar. 26	6,000
Coe Creek	Burdell	J. M. Perry, Tustin	Mar. 26	4,500
Nigger Creek	Burdell and Dover	E. Harmer, Tustin	Mar. 26	4,500
Mc Govern Creek	Burdell	E. Pullman, Tustin	Mar. 26	3,000
Beaver Creek	Burdell	G. A. Swanson, Tustin	Mar. 26	1,500
Oscoda county:				
Upper Branch of Thnnder Bay River		J. D. Hawks, Detroit	Mar. 30	60,000
Moffet Creek		A. M. Mc Lean, Alpena	Mar. 30	4,000
Middle Branch		Geo. F. Sachs, Lewiston	April 4	10,000
East Branch	Elmerton	Geo. F. Sachs, Lewiston	April 4	16,000
Otsego county:				
Sturgeon River	22 N. 2 W.	D. M. Sly, Vanderbilt	April 2	18,000
Headwaters of Pigeon River	Severel	R. H. L. Hornmedieu, Detroit	April 2	38,000
Headwaters of Sturgeon River	Severel	R. H. L. Hornmedieu, Detroit	April 2	38,000
North Branch of An Sable River	Chester	F. E. Douglas, Lovels	April 18	20,000
North Branch of Upper waters	Chester	Arnold Boutill, Saginaw	April 4	30,000
Ottawa county:				
Pigeon River	Olive	C. McKioley, West Olive	April 16	6,000
Presque Isle county:				
Black River	Ocqueoc and Case	J. M. Clark, Onaway	April 16	24,000
Indian Creek	Ocqueoc and Case	N. C. Monroe, M. D. Millersburg	April 16	3,000
Ocqueoc River	Severel	W. H. Friers, Millersburg	April 16	15,000
Little Ocqueoc River	Metz	W. H. Friers, Millersburg	April 16	6,000
No Name	Metz	H. Horwitz, Hawks	April 16	1,500
Tributary to Ocqueoc River	Metz	H. Horwitz, Hawks	April 16	3,000
No Name	Bismarck and Belknap	H. Horwitz, Hawks	April 16	3,000
Queen Creek	Metz, T. 33 N. R. 5 E.	T. C. Hardies, Metz	April 16	6,000
Trout River	Belknap	Basil G. Larke, Rogers	April 16	6,000
Roscommon county:				
Higgins Lake Trout Stream	Gerrish	B. H. Helen, Roscommon	April 6	6,000
Esbern Creek	Richfield	D. Procnunier, St. Helens	April 6	4,000
South Branch An Sable River	Penfield and South Branch	Wm. F. Johnson, Roscommon	April 6	30,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
St. Joseph county:				
Gemberling Creek	Fabius	Warren Klocke, Three Rivers	Mar. 18	1,500
No Name	Lockport	C. R. Jackson, Three Rivers	Mar. 18	1,500
Spring Creek	Lockport	Amon Ives, Three Rivers	Mar. 18	1,500
Shermie's Creek	Flowerfield	Amon Ives, Three Rivers	Mar. 18	1,500
Jas. O'Brien Creek	Flowerfield	S. J. Andrews, Marcellus	Mar. 18	1,500
Parker's Brook	Flowerfield	S. J. Andrews, Marcellus	Mar. 18	1,500
Prairie River	Buttr Oak	F. W. Clemens, Buttr Oak	Mar. 11	4,500
No Name	Buttr Oak	Perry L. Turner, Elkhart	Mar. 11	1,500
Sanilac county:				
Leins or Burgess Creek	Sanilac	Geo. A. Burgess, Pt. Sanilac	Mar. 27	3,000
Schoolcraft county:				
Silver Creek	Thompson	H. B. Witter, Manistique	April 19	3,000
Indian River		H. B. Witter, Manistique	April 19	12,000
Thompson Creek		Benjamin Gere, Manistique	April 19	3,000
East Branch Manistique River	Germfask	A. McDougall, Germfask	May 14	12,000
Tuscola county:				
Chanel Creek	Jnnita	W. Vandecar, Caro	Mar. 27	3,000
No Name	Fremont	Arthur Haines, Mayville	Mar. 27	1,500
Sncker Creek	Dayton	Arthur Haines, Mayville	Mar. 27	6,000
Herb's Creek	Fremont	J. W. Schermerhorn, Mayville	Mar. 27	3,000
Van Buren county:				
No Name		G. E. M. Pratt, Coloma	April 25	6,000
Mill Creek	Geneva	J. T. Tolles, South Haven	Mar. 8	7,500
Spicbush Creek	Severall	J. A. Gibson, Lacota	Mar. 8	10,500
Scott's Creek	Waverly	W. L. Scott, Bloomingdale	Mar. 8	1,500
Harden Creek	Almena	Dr. C. A. Wise, Kalamazoo	Mar. 9	3,000
Mattawan Creek	Severall	Dr. R. E. Belch, Kalamazoo	Mar. 9	3,000
South Branch Paw Paw River	Severall	Dr. R. E. Belch, Kalamazoo	Mar. 9	6,000
Newberry Brook	Antwerp and Paw Paw	J. H. Sligar, Kalamazoo	Mar. 9	4,500
Campbell's Creek	Alamo	D. W. Osborne, Kalamazoo	Mar. 11	4,500
Williams Creek	Almena	Wm. Monday, Kalamazoo	Mar. 11	4,500
Hall Spring Brook	Paw Paw and Decatur	H. E. Ball, Paw Paw	Mar. 18	6,000
West Branch Paw Paw River	Paw Paw and Porter	R. D. Loveland, Paw Paw	Mar. 18	7,500
East Branch Paw Paw River	Decatur	Levi Lyle, Decatur	Mar. 18	3,000
No Name				
Washtenaw county:				
Outlet to Flanel Lake	Lyndon	Geo. Scripper, Chelsea	April 27	3,000
Williams Creek	Manchester and Shannon	Wm. Sroneway, Manchester	Mar. 20	3,000
Schaible Creek	Manchester	A. J. Waters, Manchester	Mar. 20	3,000
Iron Creek				
South Branch Paint or Clawson's Creek	Manchester	A. J. Waters, Manchester	Mar. 20	4,500
Honey Creek	Ypsilanti and Pittsfield	W. A. Clawson, Ypsilanti	Mar. 14	3,000
Youngs Creek	Lima and Scio	C. F. Stabler, Ann Arbor	Mar. 14	6,000
Clark's Creek	Lyndon	Dr. T. I. Clark, Jackson	Mar. 14	1,500
No Name	Lyndon	Dr. T. I. Clark, Jackson	Mar. 14	1,500
Green's Creek	Lyndon	Dr. T. I. Clark, Jackson	Mar. 14	3,000
	Lyndon	Dr. T. I. Clark, Jackson	Mar. 14	1,500
Wayne county:				
Campbell Creek	Van Buren and Ypsilanti	L. Seamans, Bellevue	Mar. 16	6,000
Wexford county:				
Clam River	Lake	Chas. Peterson, Lucas	April 9	12,000
Hawley Creek	Hanover	G. A. Brigham, Buckley	April 4	4,000
Anderson Creek	Hanover	G. A. Brigham, Buckley	April 4	4,000
Fletcher Creek	Wexford	G. A. Brigham, Buckley	April 4	6,000
Dean Creek	Hanover	G. A. Brigham, Buckley	April 4	4,000
Buttermilk Creek	Greenwood	R. B. DeFrance, Kingsley	April 1	6,000
Silver Creek	Greenwood	R. B. DeFrance, Kingsley	April 1	4,000
Big Filer Creek	Greenwood	R. B. DeFrance, Kingsley	April 1	4,000
Little Filer Creek	Greenwood and Colfax	R. B. DeFrance, Kingsley	April 1	4,000
No Name	Greenwood	Henry Briggs, Summit City	Mar. 29	4,500
Filer Creek	Greenwood	W. M. Spidell, Manton	Mar. 29	3,000
Underground Creek	Greenwood	Samuel Boyd, Manton	Mar. 29	4,500
Soper Creek	Greenwood and Hanover	Herman Briggs, Manton	Mar. 29	4,500
Uwick Creek	Hanover	Walter Rozell, Manton	Mar. 29	4,500
Harger Creek	Greenwood and Colfax	C. S. Guilbertson, Manton	Mar. 29	3,000
Silver Creek	Greenwood	C. H. Tyler, Manton	Mar. 29	4,500
Buttermilk Creek	Liberty	C. H. Tyler, Manton	Mar. 29	3,000
Whitmore Creek	Liberty	C. H. Bostick, Manton	Mar. 30	1,500
Taylor Creek	Liberty	C. H. Bostick, Manton	Mar. 30	1,500
Cedar Creek	Liberty and Cedar Creek	C. H. Bostick, Manton	Mar. 30	6,000
Total				7,351,000

BROOK TROUT PLANTS, 1912.

ADVANCED FRY.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Wexford county: Slagle Creek.....	Slagle.....	Mich. Fish Commission, Detroit.....	May 27	15,000

BROOK TROUT PLANTS, 1912.

YEARLINGS AND 2 YEAR OLDS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Wexford county: Slagle Creek.....	Slagle.....	Mich. Fish Commission, Detroit.....	May 27	10,000

RAINBOW TROUT PLANTS, 1912.

FRY AND ADVANCED FRY.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Alcona county: South Branch of Pine River.....	Curtis.....	Jos. Turcott, Oscoda.....	June 11	7,500
Spring Brook.....	Mitchell.....	Fred H. Loud, AuSable.....	June 11	10,500
Alger county: Rohda River.....	Burt.....	Chas. F. Hickok, Grand Marais.....	May 14	4,000
Kill Buck River.....	Burt.....	Chas. F. Hickok, Grand Marais.....	May 14	4,000

Rainbow Trout Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Arenac county: Mansfield Creek.....	Clayton.....	Henry Zerao, Prescott.....	June 10	4,500
Demno Creek.....	Arenac.....	Frances Avery, Standish.....	June 11	4,500
South Omer Creek.....	Deep River.....	Frances Avery, Standish.....	June 11	4,500
North Branch of Deep River, South Omer.....	Gibson.....	Frances Avery, Standish.....	June 11	3,000
Cooler Creek.....	Deep River.....	Frances Avery, Standish.....	June 11	3,000
Big, Townline and Murphy Creeks, Tributaries to Rifle River.....	Several.....	Nelson Deford, Sterling.....	June 11	12,000
Baraga county: Sterks Creek.....	L'Anse.....	Silver River R. & G. Club, L'Anse.....	June 8	4,000
Small Branch Sturgeon River.....	Baraga.....	I. N. Hass, Houghton.....	June 8	2,000
Small Branch Sturgeon River.....	Baraga.....	Jno. C. Fryon, Houghton.....	June 8	4,000
Clear Creek.....	Baraga.....	H. L. Swift, Houghton.....	June 8	12,000
Three Lakes Outlet.....	Spurr.....	Peter Trudell, Jr., Negaunee.....	June 7	4,000
Nestoria Creek.....	Spurr.....	Peter Trudell, Jr., Negaunee.....	June 7	2,000
Canal Creek.....	Spurr.....	Peter Trudell, Jr., Negaunee.....	June 7	2,000
Mc Donald Creek.....	Spurr.....	Peter Trudell, Jr., Negaunee.....	June 7	2,000
Cliff Creek.....	Spurr.....	Peter Trudell, Jr., Negaunee.....	June 7	2,000
Barry county: Thornapple River and Tributaries.....	Several.....	Luther B. Hills, Irving.....	May 21	4,500
Fall Creek.....	Barry and Ross.....	F. H. Barlow, Hastings.....	May 21	7,500
Eight Mile Creek.....	Frankville.....	Geo. W. Lawrence, Delton.....	May 23	3,000
Adams Lake.....	Frankville.....	Fay Nichols, Doster.....	May 23	1,500
Benzie county: Crystal Lake Inlet.....	Benzonia.....	David E. Burns, Beulah.....	June 12	7,500
Berrien county: Townsend Creek.....	Berrien.....	John G. Murdoch, Berrien Springs.....	May 20	3,000
Gray Creek.....	Oronoko.....	John G. Murdoch, Berrien Springs.....	May 20	1,500
Wilson Creek.....	Oronoko.....	John G. Murdoch, Berrien Springs.....	May 20	3,000
Love Creek.....	Berrien.....	John G. Murdoch, Berrien Springs.....	May 20	3,000
Leman Creek.....	Oronoko.....	John G. Murdoch, Berrien Springs.....	May 20	3,000
Pipestone Creek.....	Benton.....	J. W. Isbell, St. Joseph.....	May 20	3,000
Blue Creek.....	Benton.....	J. W. Isbell, St. Joseph.....	May 20	3,000
Loree Creek.....	Benton.....	J. W. Isbell, St. Joseph.....	May 20	3,000
Branch of St. Joseph River.....	Oronoko.....	J. W. Isbell, St. Joseph.....	May 20	3,000
Hickory Creek.....	St. Joseph.....	W. J. Luckert, St. Joseph.....	May 20	3,000
Tributaries of St. Joseph River.....	Several.....	A. F. Herring, St. Joseph.....	May 20	6,000
Central Springs Creek.....	Benton.....	A. F. Herring, St. Joseph.....	May 20	6,000
Edson Creek.....	Benton.....	Claude H. Chrest, St. Joseph.....	May 20	1,500
Yellow Creek.....	Royalton.....	Claude H. Chrest, St. Joseph.....	May 20	1,500
		Claude H. Chrest, St. Joseph.....	May 20	3,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Branch county:				
Spencer Brook	Sherwood	Leo H. Wood, Athens	May 21	1,500
Coldwater River	Quincy and others	Jno. B. Shipman, Coldwater	May 23	6,000
Calhoun county:				
Nottwa Creek	Athens and Newton	F. G. Woodruff, Athens	May 21	3,000
Rascon Creek	Severall	W. A. Skellinger, Battle Creek	May 21	6,000
Rice Creek	Marshall	W. J. Clayborne, Marshall	May 21	7,500
Wilder Creek	Merengo	W. J. Clayborne, Marshall	May 21	7,500
Cass county:				
Silver Creek	Silver Creek	Fred Phillips, Dowagiac	May 20	1,500
Mc Ombre Creek	Silver Creek	Fred Phillips, Dowagiac	May 20	1,500
Lyle Creek	Silver Creek	Fred Phillips, Dowagiac	May 20	1,500
Ireland Creek	Silver Creek	Fred Phillips, Dowagiac	May 20	1,500
Pokagon Creek	Pokagon	Fred Phillips, Dowagiac	May 20	3,000
Peavine Creek	Pokagon	Fred Phillips, Dowagiac	May 20	1,500
Little Dowagiac Creek	Severall	Fred Phillips, Dowagiac	May 20	6,000
Miller Creek	Pokagon	Fred Phillips, Dowagiac	May 20	1,500
South Branch Dowagiac Creek	Severall	Fred Phillips, Dowagiac	May 20	6,000
Carmen Creek	Wayne	Fred Phillips, Dowagiac	May 20	1,500
Tyron Creek	Wayne and Silver Creek	Fred Phillips, Dowagiac	May 20	1,500
Broadhurst Creek	Wayne	Fred Phillips, Dowagiac	May 20	1,500
Pine Lake Creek	Wayne and Silver Creek	Fred Phillips, Dowagiac	May 20	1,500
Kenny Creek	Wayne	Fred Phillips, Dowagiac	May 20	1,500
Gage Creek	Wayne	Fred Phillips, Dowagiac	May 20	1,500
Big Dowagiac Creek	Severall	Fred Phillips, Dowagiac	May 20	6,000
Hatch Creek	Wayne	Fred Phillips, Dowagiac	May 20	1,500
Hampton Creek	Wayne	Fred Phillips, Dowagiac	May 20	1,500
Glenwood Creek	Wayne	Fred Phillips, Dowagiac	May 20	1,500
Kinzie Creek	Jefferson	Fred Phillips, Dowagiac	May 20	1,500
Centennial Mill Pond	La Grange and Jefferson	C. H. Kummerle, Cassopolis	May 20	3,000
Shaw Creek	Jefferson and Howard	C. H. Kummerle, Cassopolis	May 20	4,500
Spring Run	Marcellus	Angelo L. Maxam, Marcellus	May 23	1,500
Conklin Stream	Mostly Marcellus	B. F. Mikel, Marcellus	May 23	3,000
Charlevoix county:				
North Boyne River	Boyne Valley	Chas. Galster, Boyne Valley	May 31	12,000
Boyne River	Boyne Valley	Chas. Galster, Boyne Valley	May 31	12,000
West Branch of Sturgeon River	Hudson	C. F. Hoffinan, Vanderbilt	June 11	15,000
Cheboygan county:				
Big Sturgeon River		J. J. Jones, Indian River	June 11	9,000
Sturgeon River		F. E. Martin, Indian River	June 11	9,000
North Twin Lake Inlets	Kaehler	J. W. Lester, Indian River	June 11	3,000
Chippewa county:				
Little Munuscong River	Pickford	Dr. J. A. Cameron, Pickford	May 15	10,000
St. Mary's River at East Neebish Rapids	Sugar Island	Chase S. Osborn, Sault Ste. Marie	May 30	20,000
St. Mary River at Falls	Severall	Mich. Fish Commission, Detroit	May 21	40,000
Clare county:				
Halsted Creek	Sheridan and Grant	N. H. Patrick, Clare	June 5	4,500
Five Lake Creek	Grant	Wm. H. Caple, Clare	June 5	3,000
Clear Creek	Arthur	Jas. S. Bicknell, Clare	June 5	4,500
Lowery Creek	Grant	Wm. Lange, Clare	June 5	3,000
Tohacco River above Clare Dam	Surrey and Grant	A. T. Stevens, Clare	June 5	6,000
Middle Branch	Arthur and Hatton	E. A. Anderson, Clare	June 5	6,000
Tobacco River	Surrey	W. C. Fuller, Farwell	June 5	4,500
Clinton county:				
Little Maple River	Ovid and Victor	F. D. Cleveland, Shepardsville	June 3	10,500
Delta county:				
Portage Creek and Cedar Brook	Ford River and Wells	Timothy Killian, Escanaba	June 12	8,000
Dickinson county:				
Sturgeon River	Waucedah	John Langdon, Loretto	June 14	8,000
Pine Creek	Waucedah	Herman Vielmette, Loretto	June 14	6,000
Hamilton Creek	Waucedah	Dan Vanitvelt, Waucedah	June 14	4,000
Water Works Creek	Norway	Wm. H. Weber, Norway	June 14	4,000
Ford River	Sagola	W. W. Pritchard, Channing	June 14	8,000
Michigamme River	Sagola	J. T. Dunwoodie, Channing	June 14	10,000
Squaw Creek	Sagola	J. T. Dunwoodie, Channing	June 14	4,000
Ford River	Sagola	W. T. Stevens, Channing	June 14	8,000
Eaton county:				
Sandstone Creek	Oneida	Fred L. Berry, Grand Ledge	June 3	3,000
Gogebic county:				
Hill Creek	Bessemer	J. A. Voghtlin, Bessemer	June 14	6,000
Rainbow Creek	Bessemer	J. T. Voghtlin, Bessemer	June 14	4,000
Pine Creek	Bessemer	J. T. Voghtlin, Bessemer	June 14	6,000
Thousand Island Lake Inlets	Watersmeet	A. D. Johnston, Bessemer	June 14	4,000
Wolf Lake Outlet	Watersmeet	A. D. Johnston, Bessemer	June 14	2,000
Morrison Creek	Watersmeet	A. D. Johnston, Bessemer	June 14	4,000
Sargeant's Creek	Watersmeet	M. Hughitt, Jr., Chicago, Ill.	June 14	4,000
Henderson's Creek	Watersmeet	M. Hughitt, Jr., Chicago, Ill.	June 14	4,000
Duck Creek	Watersmeet	M. Hughitt, Jr., Chicago, Ill.	June 14	4,000
Camp Two Creek	Watersmeet	M. Hughitt, Jr., Chicago, Ill.	June 14	4,000
Dellies Creek	Watersmeet	M. Hughitt, Jr., Chicago, Ill.	June 14	4,000
Ontonagon River, (Middle Branch)	Watersmeet	M. Hughitt, Jr., Chicago, Ill.	June 14	2,000
No Name	Wakefield	C. E. Holly, Bessemer	June 14	10,000
Sand Island Creek	Bessemer and Wakefield	W. R. Kusasourz, Bessemer	June 14	2,000
No Name	Wakefield	G. S. Barber, Bessemer	June 14	4,000
No Name	48-46	Tony Trier, Bessemer	June 14	2,000
Swamp Creek	Bessemer	Chas. M. Fraser, Bessemer	June 14	4,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Gogebic county.—Continued.				
Maple Creek.....	Bessemer.	J. A. Voghtlin, Bessemer.	June 14	6,000
Rock Creek.....	Bessemer.	J. A. Voghtlin, Bessemer.	June 14	6,000
Grand Traverse county:				
Boardman River.....	Several.	R. S. Hastings, Traverse City.....	May 25	21,000
Boardman River.....	Blair.	Chas. T. Cedersten, Traverse City.....	May 25	19,500
Hillsdale county:				
No Name.....	Somerset and Wheatland.....	Frank Carney, Jerome.....	May 21	3,000
Branch of Raisin River.....	Somerset.	Wm. Bickford, Jerome.....	May 21	1,500
Branch of Raisin River.....	Somerset.	Wm. Bickford, Jerome.....	May 21	3,000
Houghton county:				
Graverod River.....	Stanton.	Portage Lake R. & G. Club, Houghton.....	June 8	12,000
Small Branch Sturgeon River.....	Laird.	Paul D. Swift, Houghton.....	June 8	20,000
Ingham county:				
Sycamore River.....	Alaidon.	C. P. Mickelson, Mason.....	May 21	6,000
Mud Creek.....	Alaidon.	C. P. Mickelson, Mason.....	May 21	4,500
Willow Creek.....	Vevay and Aurelius.	C. P. Mickelson, Mason.....	May 21	4,500
Ionia county:				
Morrison Lake Creek.....	Boston.	John Wallington, Saranac.....	June 3	1,500
Dexter Creek.....	Easton.	John Wallington, Saranac.....	June 3	3,000
Dickson Creek.....	Otisco.	Brinton F. Hall, Belding.....	June 3	9,000
Prairie Creek with Pond.....	Ionia.	Chas. Stein, Ionia.....	June 3	6,000
Arnold Creek.....	Ionia.	Andrew Christensen, Ionia.....	June 3	1,500
Perrets and Libchart Creeks.....	Orange.	Ross W. Benedict, Ionia.....	June 3	6,000
Knapp Creek.....	Lyons.	Dr. Weston, Muir.....	June 3	1,500
Speer's Creek.....	Lyons.	Thos. Weston, M. D., Muir.....	June 3	1,500
Fish Creek and Tributaries.....	North Plains and others.	A. E. Clark, Hubbardston.....	June 18	15,000
Iosco county:				
Van Eitan Creek and Penoyer Creek.....	Oscoda.	J. H. Mc Gillivray, Oscoda.....	June 11	9,000
Iron county:				
Sec. 33 Creek.....	Iron River.	Belmont Waples, Ironwood.....	June 14	8,000
Paint River.....	Crystal Falls, etc.	Arvid Bjork, Crystal Falls.....	June 14	10,000
Paint River (Lower).....	Crystal Falls.	Arvid Bjork, Crystal Falls.....	June 14	4,000
Michigamme River.....	Crystal Falls.	W. W. Pritchard, Channing.....	June 14	10,000
Isabella county:				
Chippewa Creek.....	Gilmore.	A. R. Mussel, Clare.....	June 5	4,500

Jackson county:				
Tributary to Kalamazoo River.....	Hanover and Concord.	Frank W. Mc Kenzie, Concord.....	May 20	3,000
Four Mile Creek.....	Blackman.	Geo. E. Beebe, Jackson.....	May 21	4,500
Headwaters of Kalamazoo River, East Branch.....	Several.	Geo. E. Beebe, Jackson.....	May 21	3,000
West Branch of Kalamazoo River.....	Hillsdale.	Geo. E. Beebe, Jackson.....	May 21	6,000
Headwaters of Grand River.....	Liberty.	Geo. E. Beebe, Jackson.....	May 21	4,500
Dew Brook.....	Horton.	Geo. E. Beebe, Jackson.....	May 21	3,000
Leoni Creek.....	Leoni.	Geo. E. Beebe, Jackson.....	May 21	1,500
Snyder's Creek.....	Spring Arbor.	Geo. E. Beebe, Jackson.....	May 21	3,000
Cutler Creek.....	Concord.	Geo. E. Beebe, Jackson.....	May 21	3,000
Rives Junction Creek.....	Rives.	Geo. E. Beebe, Jackson.....	May 21	3,000
Crouch Creek.....	Summit.	Geo. E. Beebe, Jackson.....	May 21	1,500
Rice Creek.....	Harna.	Geo. E. Beebe, Jackson.....	May 21	3,000
Willow Creek.....	Hanover.	Geo. E. Beebe, Jackson.....	May 21	3,000
Wade Creek.....	Tompkins.	Geo. E. Beebe, Jackson.....	May 21	6,000
Sandstone Creek.....	Sandstone and Blackman.	Geo. E. Beebe, Jackson.....	May 21	3,000
Thayer's Creek.....	Norvell.	Geo. E. Beebe, Jackson.....	May 21	1,500
Inlet to Farwell Lake.....	Hanover.	E. F. Burgess, Norvell.....	May 21	6,000
South Branch of Kalamazoo River.....	Hanover and Scipio.	G. T. Greenshaw, Hanover.....	May 21	3,000
Whitman Creek.....	Springport and Clarence.	Levi Strait, Hanover.....	May 21	3,000
		Guy N. Lininger, Springport.....	May 21	3,000
Kalamazoo county:				
Frakes Creek.....	Schoolcraft.	A. M. Fellows, Schoolcraft.....	May 23	3,000
Sony Brook.....	Comstock.	W. R. Skellinger, Battle Creek.....	May 21	4,500
Earls Creek.....	Charleston.	H. D. Streator, Galesburg.....	May 21	1,500
Hinton Creek.....	Charleston.	H. D. Streator, Galesburg.....	May 21	1,500
Kent county:				
Buck Creek.....	Wyoming.	W. H. Zylstra, Grand Rapids.....	May 23	7,500
Upper Waters of Rogue River and Tributaries.....	Courtland and Algoma.	H. C. Murray, Sparta.....	May 25	6,000
Munn Creek.....	Algoma and Courtland.	Geo. E. Rector, Edgerton.....	June 17	3,000
Harding Creek.....		Geo. E. Rector, Edgerton.....	June 17	1,500
Mill Creek.....		Dwight Lydell, Comstock Park.....	June 17	15,000
Keweenaw county:				
Seneca Creek and Dam.....	Allouez.	Jas. Jackson, Mohawk.....	June 8	4,000
Montreal River Meadows.....	Eagle Harbor and Sherman.	John Hench, Calumet.....	June 8	20,000
Gratiot River.....	Allouez and Houghton.	C. W. Thomson, Laurium.....	June 8	10,000
Phoenix Dam.....	Houghton.	N. Lenten, Phoenix.....	June 8	4,000
Garden City River.....	Houghton.	Fred Bond, Phoenix.....	June 8	4,000
Silver River.....	Grant.	Albert A. Brockway, Lake Linden.....	June 8	4,000
Montreal River.....	Grant and Eagle Harbor.	Andrew Moilanen, Calumet.....	June 8	8,000
Silver River.....	Grant.	Wm. R. Bennetts, Eagle River.....	June 8	2,000
Lake county:				
Baldwin Creek.....	Pleasant Plains.	F. C. Camp, Grand Rapids.....	May 25	12,000
North Branch of Pere Marquette River.....	Several.	Parson, Dennis & Co., Detroit.....	June 4	7,500
Pere Marquette River.....	Pleasant Plains and Webber.	Geo. M. Brown, Detroit.....	June 4	15,000
Sandborn Creek.....		R. J. Matthews, Baldwin.....	June 4	7,500
Pere Marquette River.....		Geo. Grant, Saginaw.....	June 4	15,000
Pere Marquette River.....		Geo. M. Brown, Detroit.....	June 4	27,000
Sauble River.....	Several.	C. Hagerman, Ludington.....	June 4	30,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Lapeer county:				
North Branch of Clinton River	Severall	H. W. Bradley, Romeo	June 18	7,500
Borsig Creek	Metamora and Dryden	P. B. Gaspie, Oxford	June 6	3,000
Leelanau county:				
No Name		Frank H. Blackledge, Indianapolis, Ind	June 15	3,000
No Name		Mich. Fish Commission, Detroit	May 25	3,000
Peters Run	Leland	Mich. Fish Commission, Detroit	June 15	3,000
Peters Run	Leland	Frank H. Blackledge, Indianapolis, Ind	June 15	4,500
Crystal River	Glen Arbor	Jas. Daly, Empire	June 15	3,000
One of the Ponds on Knox Creek and Knox Creek		Jas. Daly, Empire	June 15	3,000
Lenawee county:				
Evans Creek	Franklin	Jewett Whelan, Tipton	May 21	9,000
Luce county:				
Talquamenon River	Severall	Wm. S. Linton, Saginaw	June 7	18,000
Talquamenon River	Columbus	F. H. Rickerd, Laketon	June 7	8,000
Mackinac county:				
Black River	Severall	W. R. Calloway, Minneapolis, Minn.	June 19	25,000
Macomb county:				
Silver Creek	Bruce	F. Gillespie, Romeo	June 18	4,500
Mauiette county:				
Tributary to Bar Creek	Arcadia	P. C. Chombesond, Arcadia	June 15	3,000
Bar Creek	Arcadia	Willie Paquette, Arcadia	June 15	3,000
Marquette county:				
Nilson's Creek	Humboldt	D. T. Morgan, Republic	June 7	6,000
Captain's Creek	Republic	Hiram R. Gamble, Republic	June 7	8,000
Michigamme River	Republic	C. W. Munson, Republic	June 7	10,000
Bruce Creek	Republic	C. W. Munson, Republic	June 7	8,000
West Branch of Escanaba River	Ely	C. W. Munson, Republic	June 7	8,000
Spruce River	Republic	C. W. Munson, Republic	June 7	6,000
Black River	Republic and Humboldt	C. W. Munson, Republic	June 7	6,000
Trout Falls Creek	Republic	B. Bengston, Republic	June 7	8,000
Inlets to Teal Lake	Negaunee	Negaunee G. & R. Club, Negaunee	June 7	4,000
Mary's Pond Inlets	Negaunee	Negaunee G. & R. Club, Negaunee	June 7	4,000
Outlet Horseshoe Lake	Negaunee	Negaunee G. & R. Club, Negaunee	June 7	4,000
Connors Creek	Champion	Lewis N. Toutlaiff, Ishpeming	June 7	4,000
West Branch Escanaba River	Ely	Geo. A. Newett, Ishpeming	June 7	8,000
Dead and Escanaba Rivers	Ely and Ishpeming	Geo. A. Newett, Ishpeming	June 7	12,000
Spruce River	Severall	Geo. A. Newett, Ishpeming	June 7	6,000
Peshekee River	Michigamme	Geo. A. Newett, Ishpeming	June 7	10,000
Dishroo Creek	Champion	Edward M. Stoddard, Michigamme	June 7	4,000
Mason county:				
Lincoln River	Sherman	Fountain Gun & Rod Club, Fountain	June 4	15,000
Pere Marquette River	Scottville	John Gray, Scottville	June 4	12,000
Mecosta county:				
Seaton Creek	Hinton	Arthur Royce, Altona	June 3	3,000
Sylvester Creek	Hinton	John Wright, Lakeview	June 3	6,000
Tompkins Creek	Hinton	C. W. Vining, Lakeview	June 3	3,000
South Branch of Chippewa River	Sheridan and Forks	W. S. Laffin, Barryton	June 13	3,000
Butts Creek	Fork	W. S. Laffin, Barryton	June 13	4,500
Farmer Creek	Sheridan	W. S. Laffin, Barryton	June 13	3,000
Brown Creek	Fork	W. S. Laffin, Barryton	June 13	1,500
Benjamin Creek	Fork	W. S. Laffin, Barryton	June 13	3,000
Rattail Creek	Fork	W. S. Laffin, Barryton	June 13	3,000
North Branch of Chippewa River	Fork	O. S. Wood, Barryton	June 13	7,500
Menominee county:				
Ten Mile Creek	Spalding	Wm. Frazer, Powers	June 14	4,000
West Branch Little Cedar River	Spalding	Jas. McKibbin, Powers	June 14	8,000
West Branch Little Cedar River	Spalding	Jas. McKibbin, Powers	June 14	10,000
Spalding Main River	Spalding	Antoine Giguire, Powers	June 14	12,000
Cedar River	Spalding	Anthony P. Gillis, Powers	June 14	12,000
Quade Creek	Spalding	Chas. J. Quade, Powers	June 14	10,000
Montcalm county:				
Fish Creek	Severall	A. B. Goodwin, Carson	June 11	16,500
Offuear Creek	Home	L. D. Curtis, Edmore	June 3	3,000
Brimmer Creek	Cato and Belvidere	Chesley Faling, Lakeview	June 3	3,000
Tamarack Creek	Cato and others	John E. Seat, Lakeview	June 3	9,000
Outlet of Muscallonge Lake	Maple Valley and Spencer	Jensen Bros., Trufant	June 3	3,000
Fla River	Montcalm	H. Paulson, Gowen	June 3	9,000
Horton Creek	Montcalm	R. Finch, Gowen	June 3	3,000
West Lake	Pine	F. D. Briggs, Langston	June 3	3,000
West Branch Creek	Pine	F. D. Briggs, Langston	June 3	3,000
Broderick Creek	Pine	F. D. Briggs, Langston	June 3	3,000
Kortes Creek	Pine	F. D. Briggs, Langston	June 3	3,000
Wabasis Creek	Pine	Brinton F. Hall, Belding	June 3	7,500
Inlets to Deaner Lake	Richland	Wm. Caris, Vestaburg	June 3	3,000
Chapin Creek	Evergreen	C. B. Rarden, Stanton	June 3	3,000
Fish Creek	Severall	C. B. Rarden, Stanton	June 3	9,000
Montmorency county:				
Thunder Bay River	Severall	John M. Farrier, Hillman	June 7	22,000
North Branch of Thunder Bay River	Montmorency and Long Rapids	Geo. P. Crowley, Hillman	June 7	16,000

TWENTIETH REPORT—STATE FISHERIES.

TWENTIETH REPORT—STATE FISHERIES.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Muskegon county:				
Cranberry Creek	Ravenna	S. L. Alberts, Ravenna	June 17	3,000
Crockery Creek, South Branch	Ravenna	E. Bartholomew, Ravenna	June 17	4,500
Titabute Creek	Ravenna	A. E. Young, Ravenna	June 17	1,500
Crockery Creek	Ravenna	Carl A. Stauffer, Ravenna	June 17	4,500
Lake Creek	Casnovia	Fred Bearis, Bailey	June 17	3,000
Newaygo county:				
White River	Severall	W. D. Sargeant, Fremont	May 25	12,000
Williams Creek	Sheridan	W. D. Sargeant, Fremont	May 25	4,500
Martin Creek	Denver	W. D. Sargeant, Fremont	May 25	4,500
Cedar Creek	Severall	Wm. Pomeroy, Holton	May 25	10,500
Brookesser Creek	Bridgeton and Shendon	Floyd Matthews, Twin Lakes	May 25	6,000
Crockery Creek and small tributaries	Casnovia	C. L. Gold, Bailey	May 25	3,000
Crockery Creek	Ashtand and Grant	A. J. Titus, Grant	May 25	10,500
White River	Wilcox	W. S. Barton, White Cloud	May 25	12,000
Robinson's Lake Outlet	Sherman	Chas. Streichhirsch, White Cloud	May 25	1,500
Lower Cold Creek	Lincoln	Branch Bros., White Cloud	May 25	3,000
Cold Creek, East Branch		Adelbert Branch, White Cloud	May 25	1,500
Minnesog Creek	Beaser and Monroe	Geo. R. Lyons, Hesperia	May 25	4,500
Little South Branch Pere Marquette River	Severall	Mich. Fish Commission, Detroit	June 18	40,000
Oakland county:				
Stony Creek	Severall	W. H. Bradley, Romeo	June 18	7,500
Upper Pettibone Creek	Highland	Frank Bailey, Milford	June 5	1,500
Field Creek	White Lake and Commerce	Thos. Forbes, Milford	June 5	6,000
Huron River and Tributaries	Commerce and Milford	T. H. Padley, Milford	June 5	9,000
Pettibone Creek	Milford and Highland	R. S. Potts, Milford	June 5	3,000
Sherwood Creek	Milford	R. S. Potts, Milford	June 5	1,500
Lanning Creek	Oxford	Robt. Marshall, Oxford	June 6	1,500
Thurston Creek	Orion	A. A. Bellaire, Oxford	June 6	3,000
Hummer Creek	Orion	Philo Easley, Oxford	June 6	3,000
Tanner's Creek	Oxford and Orion	C. L. Randall, Oxford	June 6	3,000
Frost Creek	Oakland	Ezra Chamberlin, Orion	June 6	6,000
Mac Intyre Creek	Brandon	Jas. Staples, Ortonville	June 6	3,000
Paint Creek	Oxford	Albert Marshall, Oxford	June 6	3,000
Oceana county:				
Gene Rouse Creek	Hart	L. B. Mitchell, Hart	June 17	3,000
Pentwater River	Severall	Rufus Skeels, Hart	June 17	4,500
Cedar Creek	Elbridge	Ralph De Vries, Hart	June 17	4,500
Read Creek	Ferry	Fred Wright, Hart	June 17	1,500
Pentwater River	Pentwater and Weare	S. D. Montgomery, Grand Rapids	June 17	7,500
North Branch of South Branch of Pentwater River	Elbridge	Ray Thompson, Hart	June 17	4,500
Ogemaw county:				
Peach Lake Creek	West Branch	Jno. Tolfree, West Branch	June 11	3,000
Eddy Creek	21 W. R. 2 E. and 21 W. R. 3 E.	Jno. Tolfree, West Branch	June 11	6,000
East Branch of Tittabawasee River	Horton	Jno. Tolfree, West Branch	June 11	6,000
Wood's Creek	West Branch	Jno. Tolfree, West Branch	June 11	3,000
Eddy Creek	Richland	Henry Zerán, Prescott	June 10	6,000
Silver Creek	Richland	Henry Zerán, Prescott	June 10	6,000
Detrich Creek	Churchill	Ed. Strauble, Selkirk	June 11	3,000
Rife River	Churchill	Geo. Peter, Selkirk	June 11	9,000
Klacking and Perkins Creeks	Churchill	Cascallen Bros., Selkirk	June 11	7,500
Inlet of Campbell Lake	Edwards	J. A. Priddy, West Branch	June 11	3,000
Ontonagon county:				
Cascade River		G. A. Bergland, Milwaukee, Wis.	June 8	10,000
Oseola county:				
Middle Branch of the Muskegon River	Marion	C. W. Graves, Dighton	June 14	15,000
Norton Creek	Middle Branch	Geo. Baird, Marion	June 12	10,500
Aldrich Creek	Marion	Geo. Baird, Marion	June 12	3,000
Oscoda county:				
Clear Lake Outlet		H. D. Neal, Rose City	June 10	3,000
Otsego county:				
Headwaters of the Sturgeon River	Severall	R. H. L'Hommedieu, Detroit	June 11	37,500
Ottawa county:				
Rush Creek	Georgetown	A. T. Walker, Jenison	May 21	9,000
Roscommon county:				
Chapman Creek	T. 21 W. R. 1 W. and T. 21 W. R. 1 E	John Tolfree, West Branch	June 11	6,000
Spring Creek	Gerrish	C. P. Mickelson, Mason	June 11	4,500
Higgins Lake Trout Stream	Gerrish	B. H. Hellen, Roscommon	June 11	4,500
St. Joseph county:				
Keers Creek	Jabina	Amon Ives, Three Rivers	May 20	1,500
Portage River and Tributaries	Lockport	A. R. Jackson, Three Rivers	May 20	7,500
Prairie River	Lockport	Geo. C. Jackson, Three Rivers	May 23	3,000
Rocky River and Tributaries	Fabins	C. R. Jackson, Three Rivers	May 20	6,000
Hog Creek	Burr Oak	Geo. E. Lewis, Burr Oak	May 23	3,000
Klinger Lake Inlets	Constantine	Perry L. Turner, Elkhart, Ind.	May 23	3,000
Mill Creek	Constantine	W. N. Harvey, Constantine	May 23	6,000
Fawn River	Constantine	W. N. Harvey, Constantine	May 23	6,000
Shiawassee county:				
Big Maple River	Ovid	F. D. Cleveland, Shepardsville	June 3	12,000
Van Buren county:				
North Branch of Big Dowagiac Creek	Severall	Fred Phillips, Dowagiac	May 20	7,500
East Branch of Paw Paw River	Antwerp and Porter	R. D. Loveland, Paw Paw	May 20	7,500

TWENTIETH REPORT—STATE FISHERIES.

TWENTIETH REPORT—STATE FISHERIES.

Rainbow Trout Plants, 1912.—Concluded.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Washtenaw county: Huron River and Mill Creek.....		L. D. Alley, Dexter.....	May 21	9,000
South Branch of Paint or Clawson's Creek.....		Willard A. Clawson, Ypsilanti.....	May 21	4,500
Wexford county: Buttermilk Creek.....	Liberty and Greenwood.....	C. A. Zimmerman, Manton.....	May 31	6,000
Total.....				1,934,500

RAINBOW TROUT PLANTS, 1912.

FINGERLINGS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Presque Isle county: Durgee's Lake.....	Metz.....	Lee J. Smits, Detroit.....	Oct. 21	2,000

RAINBOW TROUT PLANTS, 1912.

2 YEAR OLDS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Mecosta county: Buckhorn Creek and Muskegon River.....	Greene.....	Mich. Fish Commission, Detroit.....	May 20	12,000

GERMAN BROWN TROUT PLANTS, 1912.

Fry.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Charlevoix county: North Boyne River.....	Boyne River.....	Chas. Galster, Boyne Falls.....	April 12	30,000
Mecosta county: Paris Creek.....	Green.....	Mich. Fish Commission, Detroit.....	Mar. 16	100,000
Little Muskegon River.....	Morton.....	Ray Carmen, Mecosta.....	April 4	42,000
Muskegon River.....	Green.....	Mich. Fish Commission, Detroit.....	May 20	30,000
Newaygo county: Little South Branch of the Pere Marquette.....	Several.....	Mich. Fish Commission, Detroit.....	April 13	50,000
Cedar Creek.....	Several.....	Wm. Pomeroy, Holton.....	April 16	30,000
Ogemaw county: Rife River.....	Richland.....	Henry Zeran, Prescott.....	Mar. 29	21,000
Osceola county: Hersey River.....	Richmond and Lincoln.....	J. G. Ruppert, Reed City.....	April 10	30,000
Hersey River.....	Richmond and Lincoln.....	Alex. Peppler, Reed City.....	April 10	30,000
Total.....				363,000

LAKE TROUT PLANTS, 1912.

Fry.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
St. Marys River.....		State Board of Fish Comms., Detroit..	May 15	500,000
Lake Huron.....		State Board of Fish Comms., Detroit..	May 20	1,000,000
Lake Superior.....		State Board of Fish Comms., Detroit..	May 19	1,000,000
Total.....				2,500,000

SMALL MOUTH BLACK BASS PLANTS, 1912.

ADVANCED FRY.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Allegan county:				
Eagle Lake	Allegan	Wm. H. Spayde, Bloomington	June 6	6,000
Clear Lake	Lee	Wm. H. Evans, Grand Junction	June 6	6,000
Fenner Lake	Martin	Wm. McLeod, Martin	June 6	4,000
Geneva Lake	Wayland	S. M. Boyer, Shelbyville	June 6	6,000
Antrim county:				
Thayer's Lake	Helena	O. P. Anderson, Bellaire	June 6	6,000
Grass Lake	Several	A. B. Wootan, Bellaire	June 6	6,000
Intermediate Lake	Several	I. E. Dickinson, Bellaire	June 6	8,000
Torch Lake	Several	F. B. Dickerson, Detroit	June 6	8,000
Hanley Lake	Central Lake	W. H. Upthegrove, Central Lake	June 6	6,000
Skinner Lake	Banks	L. Van Skiver, Ellsworth	June 6	6,000
Loscy's Lake	Worner	Albert Losey, Elmira	June 6	4,000
Barry county:				
Thornapple River	Baltimore	C. M. Watson, Irving	June 7	8,000
Clear Lake	Orangeville and Yankee Springs	John L. Ormsbe, Dowling	June 7	6,000
Gun Lake		Austin Dwight, Shelbyville	June 5	6,000
Berrien county:				
Pike Lake	Bertrand	Jas. E. Scott, Buchanan	June 11	6,000
Clear Lake	Buchanan	Jas. E. Scott, Buchanan	June 11	6,000
Lake Chapin	Several	John G. Murdoch, Berrien Springs	June 11	10,000
St. Joseph River and Power Pond	Oronoko	Graham O. McOmber, Berrien Springs	June 11	10,000
Singer Lake	Oronoko	Graham O. McOmber, Berrien Springs	June 11	6,000
Cass county:				
Diamond Lake	Penn	C. A. Russ, Cassopolis	June 19	6,000
Calhoun county:				
Lower Kalamazoo River	Marshall	W. J. Clayborne, Marshall	June 8	8,000
Brace Lake	Eckford	F. A. Stuart, Marshall	June 8	8,000
Lyon Lake	Frederia	E. L. Holmes, Marshall	June 8	8,000
Gogua Lake	Battle Creek	Cognac Resort Assn., Battle Creek	June 8	10,000
Harts Lake	Battle Creek	A. N. Buckner, Battle Creek	June 8	8,000
Duck Lake	Clarence	L. E. Landon, Springport	June 4	8,000
Cheboygan county:				
Douglas Lake	Munro	A. M. Morrow, Pellston	June 4	8,000
Eaton county:				
Grand River	Windsor	Freeman G. French, Dimondale	June 14	6,000
Emmet county:				
Round Lake	Bear Creek	Henry Lindig, Petoskey	June 4	6,000
Creeked Lake	Littlefield	C. E. Ruggs, Oshtemo	June 4	8,000
Carp Lake	Carp Lake and Hebron	O. C. Cope, Carp Lake	June 4	8,000
Grand Traverse county:				
Boardman Lake	Traverse	Traverse City Fly Casting Club, Traverse City	June 6	6,000
Cedar Hedge Lake	Green Lake	Wm. Saunders, Traverse City	June 6	6,000
Silver Lake	Garfield	Wm. Saunders, Traverse City	June 6	6,000
Jackson county:				
Olcott's, Big Wolf and Little Wolf Lakes	Several	Wm. W. Todd, Jackson	June 7	12,000
Vandercook's Lake	Summit	Geo. E. Beebe, Jackson	June 7	6,000
Portage Lake	Waterloo and Henrietta	Geo. E. Beebe, Jackson	June 7	6,000
Grass Lake	Leon	Geo. E. Beebe, Jackson	June 7	4,000
Clark's Lake	Columbia	Jno. E. Pinegar, Jackson	June 7	8,000
Farwell Lake	Hanover	G. T. Greenshaw, Hanover	June 7	6,000
Kalamazoo county:				
Sherman Lake	Ross	O. A. VanDeusen, Battle Creek	June 8	8,000
Eagle Lake	Charlton	Lewis R. McLeod, Battle Creek	June 8	6,000
Dustin Lake	Oshtemo	Frank Wright, Oshtemo	June 6	4,000
Hampton Lake	Portage	Geo. W. Locke, Kalamazoo	June 5	4,000
Gourdneck Lake	Portage and Schoolcraft	E. R. Conrad, Vicksburg	June 5	6,000
West Lake	Portage	E. R. Conrad, Vicksburg	June 5	6,000
Austin Lake	Portage	E. R. Conrad, Vicksburg	June 5	8,000
Indian Lake	Brady	E. O. Goldsmith, Vicksburg	June 5	6,000
Kent county:				
Middle Lake	Solon	Earl Rasco, Sand Lake	June 4	4,000
Crandall Lake	Solon	Earl Rasco, Sand Lake	June 4	4,000
Sand Lake	Nelson	Earl Rasco, Sand Lake	June 4	6,000
Clear Lake	Solon	Chas. S. Parks, Kent City	June 4	4,000
Spring Lake	Solon	Chas. S. Parks, Kent City	June 4	4,000
Park Lake	Tyrone	Chas. S. Parks, Kent City	June 4	6,000
Big Bostwick Lake	Cannon	Will Kilroy, Rockford	June 3	6,000
Thornapple River		Geo. H. Richardson, Ada	June 29	4,000
Kalkaska county:				
Island Lake	Wilson	Montie B. Darby, Kalkaska	June 4	12,000
Lake county:				
Switzer Lake	Cherry Valley	C. Hagerman, Ludington	June 5	4,000
Watermill Lake	Cherry Valley	C. Hagerman, Ludington	June 5	4,000
Hamlin Lake	17 N. of R. 13 W.	W. R. Clark, Baldwin	June 6	2,000
Lincoln Lake	Sweetwater	R. J. Matthews, Baldwin	June 4	4,000
Sable Lake	Elk	Wm. Utter, Peacock	June 4	8,000
Pickrel Lake	Elk and North Range	Earl Fairbanks, M. D., Irons	June 4	4,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Livingston county:				
Nasly Lake.....	Hartland.....	H. J. Lee, Milford.....	June 7	4,000
Long Lake.....	Hartland.....	M. C. Williams, Milford.....	June 7	4,000
Manistee county:				
Little Manistee Lake.....	Manistee.....	T. G. Trimble, Manistee.....	June 5	6,000
Portage Lake.....	Onokama.....	Hans A. Wendel, Onokama.....	June 5	8,000
Bear Lake.....	Bear Lake and Pleasanton.....	Bear Lake R. & G. Club, Bear Lake.....	June 5	8,000
Glover's Lake.....	Pleasanton.....	F. L. Glover, Bear Lake.....	June 6	4,000
Bar Lake.....	Arcadia.....	A. H. Stackman, J. P., Arcadia.....	June 6	6,000
Mason county:				
Hamlin Lake.....	Hamlin.....	C. Hagerman, Ludington.....	June 5	6,000
Pere Marquette River.....	Scottville.....	John Grey, Scottville.....	June 5	6,000
Lincoln Lake.....	Lincoln.....	Elvin Swarthout, Grand Rapids.....	June 5	6,000
Gun Lake.....	Free soil and Sherman.....	Thos. S. Stephens, Free soil.....	June 5	6,000
Long Lake.....	Branch.....	Ernest Jaser, Walthalla.....	June 5	6,000
Emerson Lake.....	Branch.....	Ernest Jaser, Walthalla.....	June 5	6,000
Mecosta county:				
Rustford Pond.....	Deerfield.....	Ira Helms, Morley.....	June 4	4,000
Town Line Lake.....	Colfax.....	W. H. Redmond, Big Rapids.....	June 4	6,000
Long Lake.....	Morton.....	J. H. Snyder, Mecosta.....	June 20	6,000
Missaukee county:				
Clam River.....	Reeder.....	A. L. Weidler, Mc Bain.....	June 4	6,000
Dyer Lake.....	Caldwell.....	F. D. Mc Gregor, Lake City.....	June 4	4,000
Diar Lake.....	Caldwell.....	Fred E. Rose, Lake City.....	June 4	6,000
Long Lake.....	Caldwell.....	F. M. Nye, Lake City.....	June 4	6,000
Sapphire Lake.....	Lake.....	E. A. Beuthien, Lake City.....	June 4	6,000
Lake Missaukee.....	Several.....	Chas. S. Ostrander, Lake City.....	June 4	6,000
Section 10 Lake.....	Lake.....	W. J. Brown, Lake City.....	June 4	6,000
Round Lake.....	Caldwell.....	Warren Jones, Lake City.....	June 4	4,000
Muskegon county:				
Twin Lake.....	Dalton.....	T. M. Johnson, Twin Lake.....	June 7	6,000
Town Line Lake.....	Several.....	John Adams, Twin Lake.....	June 7	6,000
Crooked Lake.....	Holton.....	John Adams, Twin Lake.....	June 7	6,000
White Lake.....	Montague and others.....	Earl N. Gasahl, Montague.....	June 7	6,000
Newaygo county:				
Sand Lake.....	Ashland.....	Allen J. Titus, Grant.....	June 4	10,000
Diamond Lake.....	Lincoln.....	Branch Bros., White Cloud.....	June 4	18,000
Lost Lake.....	Merrill.....	Frank Bird, Otis.....	June 4	4,000
Crystal Lake.....	Sherman.....	Herman Kemperman, Fremont.....	June 7	6,000
Dutch Lake.....	Wooster.....	Herman Kemperman, Fremont.....	June 7	6,000
Fremont Lake.....	Sheridan.....	W. F. Reber, Fremont.....	June 7	8,000
Oakland county:				
Watkins Lake.....	Waterford.....	E. L. Keyser, Pontiac.....	June 5	8,000
Elizabeth Lake.....	Waterford.....	H. Y. Walker, Pontiac.....	June 5	6,000
Oceana county:				
Silver Lake.....	Golden.....	Frank T. Sloan, Mears.....	June 7	8,000
Pentwater Lake.....	Pentwater.....	C. F. Lewis, Pentwater.....	June 7	8,000
Osceola county:				
Hewitt Lake.....	Burdette Lake.....	Hon. J. M. Perry, Tustin.....	June 15	0,000
St. Joseph county:				
Sturgis Power Pond.....	Mendon and Nottawa.....	Chas. Baer, Mendon.....	June 5	6,000
Sand Lake.....	Nottawa.....	M. Bowersox, Nottawa.....	June 5	10,000
Van Buren county:				
Cedar Lake.....	Porter.....	R. W. Mitchell, Lawton.....	June 11	6,000
Bankson Lake.....	Porter.....	V. B. Finch, Lawton.....	June 11	6,000
Eagle Lake.....	Paw Paw.....	Ben Desenburg, Lawton.....	June 11	6,000
Base Line Lake.....	Geneva.....	W. E. Grimes, South Haven.....	June 6	0,000
Little Bear Lake.....	Columbia.....	E. B. Eddy, Grand Junction.....	June 6	6,000
North Lake.....	Pine and Almena.....	Wm. X. Bruns, Grand Junction.....	June 6	6,000
Fish Lake.....	Pine Grove.....	Frank Wright, Oshtemo.....	June 6	6,000
North Lake.....	Pine Grove and Alamo.....	F. W. Schoolcraft, Kendall.....	June 6	6,000
West Lake.....	Almena.....	F. W. Schoolcraft, Kendall.....	June 6	6,000
Tamarack Lake.....	Pine Grove.....	F. W. Schoolcraft, Kendall.....	June 6	4,000
Wexford county:				
Cadillac Lake.....	Clam Lake.....	N. V. Gerrish, Cadillac.....	June 3	6,000
Lake Mitchell.....	Cherry Grove.....	N. V. Gerrish, Cadillac.....	June 3	6,000
Total.....				732,000

FINGERLINGS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Alger county: Au Train Lake.....	Au Train.....	Gailson & Doucette, Jr., Au Train.....	July 3	5,000
Baraga county: Seifert's Lake.....	L'Anse.....	Silver River R. & G. Club, L'Anse.....	July 9	1,500
Lake Ruth.....	Spurr.....	Peter Trudell, Jr., Negaunce.....	July 9	1,500
Beaufort Lake.....	Spurr.....	Peter Trudell, Jr., Negaunce.....	July 9	1,500
Lake George.....	Spurr.....	Peter Trudell, Jr., Negaunce.....	July 9	1,500
Charlevoix county: Deer Lake.....	Boyne Valley.....	Wm. J. Pearson, Boyne Falls.....	Aug. 7	1,000
South Arm of Pine Lake.....	.....	Frederick M. Mayne, Charlevoix.....	Aug. 20	1,000
Cass county: Fish Lake.....	Penn.....	S. Stevens, Battle Creek.....	June 19	3,000
Chippewa county: Duck Lake.....	.....	Chase S. Osborn, Sault Ste. Marie.....	Aug. 14	2,000
Clare county: Eight Point Lake.....	Garfield.....	S. F. Postal, Ewart.....	Aug. 14	1,000
Clinton county: Round Lake.....	Victor.....	Wm. H. Rawley, Laingsburg.....	July 25	1,000
Crawford county: Shoepack Lake.....	.....	C. P. Mickelson, Mason.....	Aug. 22	1,400
K. P. Lake.....	Maple Forest.....	Geo. F. Owen, Lovells.....	Aug. 22	1,400
Gladwin county: Pratts Lake.....	Sage.....	Hon. Eugene Foster, Gladwin.....	Aug. 6	1,000
Gogebic county: Lake Gogebic.....	Matchwood.....	L. I. Wright, Gogebic.....	Oct. 23	1,000
Houghton county: Bear Lake.....	Hancock.....	J. Seldeu, Calumet.....	July 10	2,000
Lake Roland.....	Elm River.....	R. R. Sieber, Winona.....	July 10	2,500
Fales Lake.....	Elm River.....	Geo. Williams, Calumet.....	July 10	1,000
Iosco county: Long Lake.....	Plainfield.....	M. N. Crary, Ellake.....	June 28	1,800

TWENTIETH REPORT—STATE FISHERIES.

Iron county: Lake John Brown.....	Iron River.....	E. L. Crull, Kenton.....	July 10	2,000
Jackson county: Fay Lake.....	Norvell.....	Hon. L. W. Watkins, Manchester.....	July 25	1,000
Keweenaw county: Schlatler Lake.....	Grant.....	Dan D. Mac Intyre, Calumet.....	July 10	1,500
Lake Addie.....	Grant.....	Walter Edwards, Calumet.....	July 10	1,500
Lake Medora.....	Grant and Eagle Harbor.....	Howard Anger, Calumet.....	July 10	1,500
Gratiot Lake.....	.....	Wm. M. Lyon, Calumet.....	July 10	1,500
Leelanau county: Leg Lake.....	Leelanau.....	Gilman M. Dame, Northport.....	Aug. 15	1,000
School Lake.....	Cleveland.....	Jos. Shalda, Maple City.....	Aug. 31	1,000
Livingston county: Pardu Lake.....	Genoa.....	R. E. Barron, Howell.....	June 29	900
Marquette county: Long Lake.....	Republic.....	C. W. Munson, Republic.....	June 9	1,500
Lake Michigamme.....	Michigamme.....	Geo. A. Newett, Ishpeming.....	June 9	2,500
Gibson Lake.....	Michigamme.....	Geo. A. Newett, Ishpeming.....	June 9	2,000
Lake Hattie.....	Humboldt.....	John Hyry, Beacon.....	June 9	1,500
Pellessers Lake.....	Sands.....	W. S. Ewing, Harvey.....	June 9	2,000
Mackinaw county: South Manistique or Whitefish Lake.....	.....	F. P. Bohn, Newberry.....	Oct. 22	1,000
Mecosta county: Muskegon River.....	Greene.....	Jay G. Reed, Paris.....	July 17	1,000
Monroe county: River Raisin.....	.....	C. W. Kemmerling, Monroe.....	Aug. 17	1,000
Montmorency county: Long Lake.....	Montmorency.....	Wm. Scott, Hillman.....	July 1	500
Sucker Lake.....	Hillman.....	Austin Rea, Hillman.....	July 1	300
Oakland county: Deer Lake.....	Independence.....	Oliver M. Gardner, Detroit.....	June 26	1,500
Avery Lake.....	Oxford.....	John H. Avery, Detroit.....	Aug. 14	600
Loon Lake.....	Waterford.....	E. D. Parshall, Pontiac.....	Aug. 14	600
Ogemaw county: Sage Lake.....	Hill.....	B. L. Holliday, Lupton.....	June 28	1,200
Ontonagon county: Lake Gogebic.....	Matchwood and Gogebic.....	Johnson & Erickson, Bergland.....	July 10	4,000
Long Lake.....	Interior.....	O. H. Losey, Tront Creek.....	July 10	1,500
Beaver Lake.....	Rockland.....	W. P. Voghtlin, Rockland.....	July 10	1,500

TWENTIETH REPORT—STATE FISHERIES.

Small Mouth Black Bass Plants, 1912.—Concluded.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Saginaw county: Saginaw River.....		W. J. Hunsaker, Saginaw.....	Aug. 2	2,000
Washtenaw county: Long Lake.....	Lyndon.....	Hou. John Kaimback, Chelsea.....	June 24	900
Total.....				71,100

LARGE MOUTH BLACK BASS PLANTS, 1912.

ADVANCED FRY.

Alcona county: Hubbard Lake.....	Alcona and Caledonia.....	Oscar Larsou, Spruce.....	June 25	16,000
Allegan county: Duncan Lake.....	Leighton.....	Gilbert A. Woodward, Caledonia.....	June 21	6,000
Little Tom Lake.....	Clyde.....	N. G. Nelson, Fennville.....	June 24	4,000
Lower Scott Lake.....	Lee.....	Mark Maw, Pullman.....	June 24	6,000
Boot Lake.....	Wayland.....	Geo. N. Dean, Shelbyville.....	June 18	6,000
Round Lake.....	Wayland.....	John D. Kimel, Shelbyville.....	June 18	6,000
Seikirk Lake.....	Wayland.....	Carl A. Warner, Shelbyville.....	June 18	6,000
Fenner Lake.....	Martin.....	Wm. McLeod, Martin.....	June 18	4,000
Lake Sixteen.....	Martin.....	Wm. McLeod, Martin.....	June 18	4,000
Osterhout Lake.....	Lee.....	Samuel Dawes, Grand Junction.....	June 18	6,000
Hutchins Lake.....	Clyde and Ganges.....	J. A. Barron, Fennville.....	June 18	6,000
Perch Lake.....	Manlius and Clyde.....	A. L. Whitbeck, Fennville.....	June 18	8,000
Upper Scott Lake.....	Lee.....	Chas. Horn, Pullman.....	June 13	6,000
Hearland Lake.....	Hopkins.....	W. F. Tiefenthal, Hopkins.....	June 13	4,000
Three Cornered Lake.....	Hopkins.....	Louis Ellinger, Hopkins.....	June 13	4,000
East Lake.....	Hopkins.....	L. Van Putten, Hopkins.....	June 13	6,000
Miner Lake.....	Allegan and Hopkins.....	E. L. Douglas, Allegan.....	June 13	8,000
Dumont Lake.....	Allegan.....	C. N. McDuffie, Allegan.....	June 13	4,000
Reed's Lake.....	Trowbridge.....	John Burgess, Allegan.....	June 13	4,000
Little John Lake.....	Allegan.....	D. H. Kent, Allegan.....	June 13	6,000
Minkler Lake.....	Trowbridge.....			
School Section.....	Watson.....	Allen Dunfield, Otsego.....	June 13	4,000
Big Lake.....	Watson.....	Allen Dunfield, Otsego.....	June 13	6,000
Big Lake.....	Allegan.....	Allen Dunfield, Otsego.....	June 13	6,000
Little John Lake.....	Allegan.....	Samuel P. Blaine, Otsego.....	July 1	4,000
Alpena county: Long Lake.....	Severl.....	Byron H. Olds, Alpena.....	June 25	20,000
Antrim county: High Lake.....	Milton.....	E. M. Bunce, Chicago, Ill.....	June 28	10,000
Baraga county: Cliff Lake.....	Spurr.....	Peter Trudell, Jr., Negaunee.....	July 9	1,500
Bella Lake.....	Arvou.....	Silver River R. & G. Club, L'Anse.....	July 9	2,500
Pine Lake.....	L'Anse.....	Silver River R. & G. Club, L'Anse.....	July 9	1,500
Big Lake.....	Baraga.....	Silver River R. & G. Club, L'Anse.....	July 9	2,500
Barry county: Metcalf Lake.....	Johnstown.....	Chas. C. Green, Battle Creek.....	June 21	6,000
Bristol Lake.....	Johnstown.....	Ray Babcock, Bedford.....	June 21	6,000
Long Lake.....	Johnstown.....	Ray Babcock, Bedford.....	June 21	6,000
Clear Lake.....	Baltimore.....	John L. Ormsbe, Dowling.....	June 21	8,000
High Hill Lake.....	Assyria.....	P. K. Jewell, Assyria.....	June 21	4,000
West Lake.....	Assyria.....	P. K. Jewell, Assyria.....	June 21	6,000
Mud Lake.....	Johnstown.....	Robt. E. Dullam, M. D., Battle Creek.....	June 21	4,000
Mill Lake.....	Johnstown.....	D. D. Ford, Battle Creek.....	June 21	6,000
Fine Lake.....	Johnstown.....	Willard A. Knight, Battle Creek.....	June 21	20,000
Pine Lake.....	Hope.....	Ray F. Pierce, Shultz.....	June 15	6,000
Horseshoe Lake.....	Hope.....	Mrs. Hiram Gibson, Cloverdale.....	June 15	6,000
Long Lake.....	Hope.....	B. Dickinson, Hastings.....	June 15	8,000
Head Lake.....	Hope.....	Grant Dickerson, Cloverdale.....	June 15	6,000
Lake 21.....	Hope.....	Pete Kingsbery, Cloverdale.....	June 15	6,000
Mud Lake.....	Hope.....	Ovid Chamberlin, Cloverdale.....	June 15	6,000
Wall Lake.....	Hope.....	J. M. Payne, Hastings.....	June 15	6,000
Ashby Lake.....	Hope.....	J. M. Payne, Hastings.....	June 15	6,000
Wilkinson Lake.....	Hope.....	J. M. Payne, Hastings.....	June 15	6,000
Thornapple Lake.....	Castleton.....	Henry Moorhus, Delton.....	June 15	6,000
Payne Lake.....	Yankee Springs.....	Homer W. Wade, Morgan.....	June 12	6,000
Gun Lake.....	Yankee Springs.....	Willis E. Streeter, Middleville.....	June 12	6,000
Clear Lake.....	Baltimore.....	A. A. Anderson, Hastings.....	June 12	6,000
Carter Lake.....	Baltimore.....	John L. Ormsbe, Dowling.....	June 12	6,000
Leach Lake.....	Hastings.....	C. W. Mixer, Hastings.....	June 29	6,000
Long Lake.....	Hastings.....	C. W. Mixer, Hastings.....	June 29	6,000
Gregory Lake.....	Hastings.....	C. W. Mixer, Hastings.....	June 29	6,000
Barber Lake.....	Hastings.....	C. W. Mixer, Hastings.....	June 29	6,000
McParlin Lake.....	Carleton.....	C. W. Mixer, Hastings.....	June 29	6,000
Pine Lake.....	Rutland.....	C. W. Mixer, Hastings.....	June 29	6,000
Dowd Lake.....	Prairieville.....	Arthur Shelp, Doster.....	July 1	4,000
Otis Lake.....	Rutland.....	C. W. Mixer, Hastings.....	June 29	6,000
Pond Lilly Lake.....	Rutland.....	C. W. Mixer, Hastings.....	June 29	6,000
	Hastings.....	C. W. Mixer, Hastings.....	June 29	6,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Berrien county:				
Mill Creek Pond		E. E. Rowland, Watervliet	June 24	6,000
Faw Faw Lakes		A. S. Miles, Benton Harbor	June 24	8,000
Long Lake	Berrien	F. D. Layman, Berrien Centre	June 18	6,000
Yellow Lake	Buchanan	Jas. E. Scott, Buchanan	June 24	6,000
Madron Lake	Buchanan	Jas. E. Scott, Buchanan	June 24	6,000
Weaver Lake	Buchanan	Jas. E. Scott, Buchanan	June 24	6,000
Branch county:				
Coldwater Lake	Ovid	F. T. Tappan, Coldwater	June 26	20,000
Coldwater River	Ovid and Coldwater	F. T. Tappan, Coldwater	June 26	14,000
Creeg, Morrison, North and South Messenger Lakes	Coldwater and Citard	F. T. Tappan, Coldwater	June 26	20,000
Kenyon Lake	Sherwood	Leo. E. Wood, Athens	June 21	6,000
Lower Lake	Sherwood	J. C. Gaw, Athens	June 21	8,000
Kirby Lake	Sherwood	J. J. Banford, Union City	June 26	8,000
Haven Lake	Sherwood	A. S. Kent, Sherwood	June 26	4,000
Blossom Lake	Sherwood	C. J. Shiner, Colon	June 26	4,000
Goodrich Lake	Sherwood	A. Blackman, Sherwood	June 26	4,000
Dane Lake	Sherwood	A. Blackman, Sherwood	June 26	4,000
Smead and Carry	Batavia	T. T. Tappan, Coldwater	June 27	16,000
Marble Lake and Tributaries	Quincy	L. V. Turner, Quincy	June 27	16,000
Calhoun county:				
Spring Lake No. 3	Penfield	Bert Schnau, Battle Creek	June 21	4,000
Clear Lake	Penfield	Emory A. Wilson, Battle Creek	June 21	6,000
Spring Lake No. 4	Penfield	Chas. R. Young, Battle Creek	June 21	4,000
Barnum and Graham Lakes	Leroy	P. F. Muir, Battle Creek	June 21	10,000
Wabascon Lake	Bedford	Waickgenant & Coe, Battle Creek	June 21	8,000
Headle Lake	Battle Creek	Sam M. Weeks, Battle Creek	June 21	8,000
Gorua Lake	Battle Creek	Bauer & Hamilton, Battle Creek	June 21	8,000
Hall's Lake	Sheridan	L. J. Devring, Albion	June 21	6,000
Montcalm Lake	Sheridan	L. J. Devring, Albion	June 21	6,000
Clark's Lake of Gang Lakes	Clarence	L. J. Devring, Albion	June 21	6,000
Garfield Lake	Convis	F. A. Stuart, Marshall	June 21	4,000
Kalamazoo River below dam	Marshall	F. G. Seaman, Marshall	June 21	10,000
Squaw Lake	Fredonia	P. G. Seaman, Marshall	June 21	4,000
Kalamazoo River Mill Pond	Marshall	Royal P. Grant, Marshall	June 21	6,000
Cedar Lake	Fredonia	C. F. Seaman, Marshall	June 21	8,000
Long Lake	Fredonia	W. T. Phelps, Marshall	June 21	6,000
Winnepeg Lake	Sheridan	C. E. Gauss, Marshall	June 21	6,000
Long Lake	Fredonia	Wm. J. Claybourne, Marshall	June 21	6,000
Fish Lake	Fredonia	Ethan Allen, Marshall	June 21	8,000
Maynard Lake	Marengo	L. H. Gramton, Marshall	June 21	6,000
Kessler Lakes	Albion	D. S. Howe, Homer	June 14	4,000
Turtle Lake	Burlington	A. Lundteigen, Union City	June 26	6,000
Cass county:				
Crane Pond	Burlington	H. E. Johnson, Union City	June 20	4,000
Fish Lake	Leroy	W. H. Hubbard, Union City	June 26	4,000
Jones Lake	Homer	Chas. Blashfield, Homer	June 26	6,000
Weatherbee and Lime Lakes	Newberg	Earl J. Williams, Vandalia	June 29	4,000
Stone Lake	Town line between Penn and Volinia	S. S. Stevens, Battle Creek	June 19	6,000
Diamond Lake	Porter and Calven	Art Slipper, Cassopolis	June 19	6,000
Eagle Lake	La Grange	Fred Marsh, Cassopolis	June 19	12,000
Saddlebag Lake	Severla	C. A. Russ, Cassopolis	June 19	6,000
Dewey Lake	Ontwa	Perry L. Turner, Elkhart, Ind.	June 19	12,000
Goff Lake	Marcellus	H. B. Lawrence, Decatur	June 19	8,000
Finch Lake	Silver Creek	F. E. Tarrant, Chicago, Ill.	June 24	8,000
Pine Lake	Marcellus	W. L. Arnold, Marcellus	June 25	8,000
Finch Lake	Marcellus	Chas. S. Cosselman, Marcellus	June 25	6,000
Pine Lake	Marcellus	Chas. S. Cosselman, Marcellus	June 25	6,000
Huyck Lake	Marcellus	A. E. Lawrence, Marcellus	June 25	6,000
Little Fish Lake	Marcellus	Frank W. Patch, Marcellus	June 25	8,000
Otter Lake	Marcellus	Frank W. Patch, Marcellus	June 25	8,000
Bunker Lake	Marcellus	Geo. Hayes, Marcellus	June 25	6,000
Skyhawk Lake	Volina	A. J. Smith, Marcellus	June 25	4,000
Elbow Lake	Marcellus	Floyd Brown, Marcellus	June 25	6,000
Charlevoix county:				
South Arm of Pine Lake	Porter	Fred Jones, Jones	June 26	6,000
Cheboygan county:				
Douglas Lake		Carl Stroebel, East Jordan	June 28	18,000
Clinton county:				
Looking Glass River	Munro	A. M. Morrow, Pellston	June 14	10,000
Alward Lake	Eagle	Wm. Ray, Eagle	June 20	6,000
Eaton county:				
Tamarack Lake	Olive	Arthur St. Clair, Dewitt	June 29	8,000
Looking Glass River	Sunfield	Peter Chatfield, Vermontville	June 22	6,000
Emmet county:				
Round Lake	Oneida	Bruce B. Douglas, Wacousta	June 22	8,000
Crooked Lake	Bear Creek	Henry Liudig, Petoskey	June 14	8,000
Genesee county:				
Argentine Pond	Littlefield	Sheldon Cole, Oden	June 14	10,000
Long Lake	Argentine	Clyde Stage, Argentine	June 21	10,000
Lobdell Lake	Fenton	Everett L. Bray, Flint	June 21	14,000
	Argentine	Ovid Bluegill Club, Ovid	June 21	12,000

TWENTIETH REPORT—STATE FISHERIES.

TWENTIETH REPORT—STATE FISHERIES.

Large Mouth Black Bass Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Grand Traverse county:				
Little Umiclie Lake	Union.	R. B. DeFrance, Kingsley	June 21	6,000
Duck Lake	Grant and Long Lake	R. B. DeFrance, Kingsley	June 21	8,000
Big Umiclie Lake	Union	R. B. DeFrance, Kingsley	June 21	8,000
Green Lake	Green Lake	R. B. DeFrance, Kingsley	June 21	8,000
Hogsback Lake	Paradise	Kingsley Sportsmen's Club, Kingsley	June 21	8,000
Rennie Lake	Union	Kingsley Sportsmen's Club, Kingsley	June 21	6,000
Brewster Lake	Mayfield	A. B. Stimson, Kingsley	June 21	14,000
Rainey Lake	East Bay	Earl J. Case, Kingsley	June 28	10,000
Bass Lake	Severall	G. E. Potrafke, Traverse City	June 28	8,000
Cedar Hedge Lake	Green Lake	Wm. Saunders, Traverse City	June 28	8,000
Silver Lake	Garfield	Ed. Gilbert, Traverse City	June 28	10,000
Ionia county:				
Bailey's Lake	North Plains	F. A. Bailey, North Plains	June 20	4,000
Woodward Lake	Ronald	Clyde Dalrymple, Shiloh	June 20	4,000
Owl Lake	Orleans	Frank Allen, Shiloh	June 20	4,000
Long Lake	Orleans	Hon. W. F. Bricker, Belding	June 17	12,000
Ravell's Pond	Orleans	Chas. Madden, Belding	June 17	4,000
Municipal Pond	Portland	Jos. Patterson, Portland	June 22	6,000
Looking Glass River	Portland	Jos. Patterson, Portland	June 22	6,000
Commonwealth Pond	Lyons and Portland	C. L. Hale, Portland	June 22	6,000
Warren Mill Pond	Portland	F. S. Lockwood, Portland	June 22	4,000
Church Lake	Campbell	E. A. Rising, Clarksville	June 22	4,000
Feiler Lake	Campbell	E. A. Rising, Clarksville	June 22	8,000
Jordan Lake	Odessa and Woodland	Edwin S. Shellhorn, Lake Odessa	June 22	6,000
Tupper Lake	Odessa	Edwin S. Shellhorn, Lake Odessa	June 22	6,000
Hughins Pond	Boston	John Wallington, Saranac	June 23	6,000
Peck Lake	Boston	John Wallington, Saranac	June 23	6,000
Walter's Pond	Boston	John Wallington, Saranac	June 23	8,000
Morrison Lake	Boston	John Wallington, Saranac	June 23	10,000
Hubbardston Mill Pond on Fish Creek	North Plains	A. E. Clark, Hubbardston	June 28	10,000
Iosco county:				
Bass Lake	Plainfield	C. W. Luce, East Tawas	June 26	12,000
Indian Lake	Plainfield	C. W. Luce, East Tawas	June 26	12,000
Van Ettin Lake (formerly Pine)	Oscoda	Alfred R. Weis, Au Sable	June 26	16,000
Isabella county:				
Hall's Lake	Broomfield	J. M. Swisher, Rarnus	June 20	4,000
Weidman Pond	Sherman and Nottawa	Miles A. Drallette, Weidman	June 20	6,000
Scutt Lake	Nottawa	Robt. Hyslop, Weidman	June 20	4,000
Perch Lake	Sherman	Robt. Hyslop, Weidman	June 20	6,000
St. Ignace county:				
Goldwater Lake	Nottawa	Robt. Hyslop, Weidman	June 20	6,000
Bass Lake	Premont	E. B. Peasley, Vestaburg	June 20	10,000
Stevenson Lake	Vernon	Wm. H. Caple, Clare	June 28	10,000
Jackson county:				
Tamarack Lake	Norvell	Chester R. Smith, Grass Lake	June 21	6,000
Michigan Centre Pond	Leoni and Napoleon	Geo. E. Beebe, Jackson	June 21	8,000
Wolf Lake	Severall	Geo. E. Beebe, Jackson	June 21	8,000
Rrill's Lake	Leoni	Geo. E. Beebe, Jackson	June 21	8,000
Cranberry Lake	Napoleon	Geo. E. Beebe, Jackson	June 21	8,000
Brown's Lake	Sunmit	Geo. E. Beebe, Jackson	June 21	8,000
Stony Lake	Napoleon	Geo. E. Beebe, Jackson	June 21	8,000
Swezy Lake	Norvell	G. E. Rushton, Napoleon	June 21	8,000
Bessie Lake	Norvell	Leo. R. Kader, Norvell	June 14	10,000
Horseshoe Lake	Norvell	H. N. Raby, Norvell	June 14	8,000
Rushtine Lake	Hanover	Eugene B. Strait, Hanover	June 14	6,000
Mud Lake	Hanover	Burr Richards, Hanover	June 14	4,000
Clark's Lake	Hanover	Wm. M. Ransom, Jonesville	June 14	4,000
Ackerson Lake	Columbia	Jno. E. Pinegar, Jackson	June 12	6,000
Lagoon in Loomis Park	Napoleon	F. J. Thoman, Jackson	June 12	8,000
Ackerson Lake	City of Jackson	Wm. W. Todd, Jackson	June 12	6,000
List Lake	Napoleon	E. S. Loomis, Jackson	June 12	6,000
	Sandstone	E. L. Farrand, Jackson	June 12	4,000
Kalamazoo county:				
Converse Lake	Ross	Clarence E. Muirhead, Battle Creek	June 21	6,000
Sherman Lake	Ross	Harry S. Parker, Battle Creek	June 21	6,000
Gull Lake	Charleston	J. O. Gallup, Battle Creek	June 21	8,000
Eagle Lake	Ross	Otto A. Buechner, Augusta	June 21	8,000
Gull Lake	Richland	F. S. Kenfield, Augusta	June 21	6,000
Loomis Lake	Richland	H. D. Streater, Galesburg	June 21	8,000
Middle Lake	Richland	H. D. Streater, Galesburg	June 21	8,000
Black Lake	Schoolcraft	M. N. Crimes, Schoolcraft	June 21	6,000
West Lake	Portage	J. F. Follmer, Vicksburg	June 19	8,000
Gourdneck Lake	Schoolcraft	Orley W. Holmes, Vicksburg	June 19	4,000
Little Indian Lake	Pavilion	T. E. Himebaugh, Vicksburg	June 19	6,000
Thrall's Lake	Brady	C. B. Fraker, Vicksburg	June 19	8,000
Uptogrove Lake	Brady	C. G. Foster, Vicksburg	June 19	6,000
Little Rawson Lake	Schoolcraft	C. W. Ballinger, Vicksburg	June 19	4,000
Pickeral Lake	Kalamazoo	C. W. Ballinger, Vicksburg	June 19	4,000
Bear Lake	Schoolcraft	Harry M. Day, Vicksburg	June 19	6,000
Kimble Lake	Schoolcraft	R. B. Erwine, Vicksburg	June 19	6,000
Rawson or Barton Lake	Schoolcraft	C. C. Briggs, Vicksburg	June 19	6,000
Sunset Lake	Schoolcraft	B. R. Platt, Vicksburg	June 19	6,000
Howard Lake	Schoolcraft	W. W. Yates, Vicksburg	June 19	8,000
Indian Lake	Schoolcraft	Albert Oswalt, Vicksburg	June 19	4,000
Campbell Lake	Brody	E. O. Goldsmith, Vicksburg	June 19	6,000
Lyons Lake	Comstock	Walter C. Hipp, Kalamazoo	June 19	8,000
West Lake	Comstock	L. V. Shellman, Kalamazoo	June 19	6,000
Hampton Lake	Portage	W. H. Johnson, Kalamazoo	June 19	6,000
Austin Lake	Portage	E. R. Conrad, Vicksburg	June 19	6,000
	Schoolcraft	Chas. E. Leyer, Vicksburg	June 19	10,000

Large Mouth Black Bass Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Kalkaska county:				
Wellman's Mill Pond.	Boardman.	Geo. A. Stone, Jr., South Boardman	June 14	4,000
Long Lake, also called Fuller's and Naylor's.	Springfield and Lake.	David E. Hills, M. D., Fife Lake	June 14	0,000
Kent county:				
Hopkins or Mud Lake.	Alpena.	A. T. Edison, Grand Rapids	June 22	10,000
Pine Island Lake.	Plainfield.	W. C. Hazlett, Grand Rapids	June 22	12,000
Olon Lake.	Solon.	Dr. H. L. Miller, Kent City	June 24	6,000
Long Lake.	Solon.	A. H. Sauer, Kent City	June 24	6,000
Enmons Lake.	Caledonia.	Gilbert A. Woodward, Caledonia	June 20	4,000
Horton Lake.	Spence and Montcalm.	R. M. Vanderlip, Gowen	June 20	4,000
Bus Lake.	Oakfield.	Fred J. Cope, Greenville	June 20	6,000
Zeigenfuss Lake.	Oakfield.	J. S. Gibson, Greenville	June 17	6,000
Murray Lake.	Vergennes and Grattan.	D. A. Church, Sand Lake	June 15	4,000
County Line Lake.	Solon.	Earl Rasco, Lowell	June 15	6,000
Stoner Lake.	Courtland.	Will Kibroy, Rockford	June 15	4,000
Little Bostwick Lake.	Cannon.	Geo. De Puy, Rockford	June 28	8,000
Big Bostwick Lake.	Cannon.	Freeman Addis, Harvard	June 28	8,000
Round Lake.	Oakfield.	Freeman Addis, Harvard	June 28	8,000
Seram Lake.	Oakfield.	Alonzo House, Belmont	July 3	10,000
Pickeral Lake.	Plainfield.			
Lake county:				
North Lake.	Pleasant Plains.	Parson, Dennis & Co., Detroit	June 26	6,000
"L" Lake.	Pleasant Plains.	Parson, Dennis & Co., Detroit	June 26	6,000
Crandle Lake.	Pleasant Plains.	Parson, Dennis & Co., Detroit	June 26	6,000
Little Star Lake.	Pleasant Plains.	Parson, Dennis & Co., Detroit	June 26	10,000
Whelan Lake.	Webber.	H. W. Davis, Baldwin	June 26	6,000
Putnam or West Lake.	Webber.	Geo. N. West, Baldwin	June 26	6,000
Big Mud Lake.	Webber.	H. W. Leverentz, Baldwin	June 26	6,000
Bray Lake.	Ellsworth and Eden.	Geo. Cutler, Luther	June 15	6,000
Mud and Perch Lakes.	Webber.	Axel H. Nelson, Peacock	June 25	24,000
Wolf Lake.	Webber.	Wm. Utter, Peacock	June 25	8,000
Sable Lakes.	Elk.	Watts S. Humphrey, Saginaw	June 27	8,000
Perch Lake.	Sweetwater.	W. P. Jones, Peacock	June 28	8,000
Little Bass Lake.	Elk.	Andrew Loree, Nirvana	June 28	8,000
Crooked Lake.	Cherry Valley.	Earl Fairbanks, M. D., Nirvana	June 28	8,000
Cool Lake.	Elk and North Range.			
Lapeer county:				
Petz Lake.	Imlay.	Jess Burger, Capac	June 18	6,000
Twin Lake.	Imlay.	Frank W. Fritzel, Imlay City	June 18	6,000
Elk Lake.	Arcadia.	Imlay City F. & G. Club, Imlay City	June 18	8,000
Lake Pleasant.	Atisca.	Imlay City F. & G. Club, Imlay City	June 18	8,000
Millpond.	Lapeer.	E. J. Thrasher, Lapeer	June 19	10,000
Edmond.	Lapeer.	E. J. Thrasher, Lapeer	June 19	8,000
Middle Lake.	Elba.	E. J. Thrasher, Lapeer	June 19	6,000
Miller Lake.	Meyfield.	E. J. Thrasher, Lapeer	June 19	6,000
Spear's Lake.	Oregon.	E. J. Thrasher, Lapeer	June 19	8,000
Nepissing Lake.	Elba.	E. J. Thrasher, Lapeer	June 19	8,000
Livingston county:				
Bruin Lake.	Woodville and Lyndon.	Hon. Edwin Farmer, Stockbridge	June 28	8,000
Morgan Lake.	Putnam.	A. F. Morgan, Pinckney	June 28	6,000
Mason county:				
Blue Lake.	Sheridan.	Fountain Gun & Rod Club, Fountain	June 27	8,000
Long Lake.	Sheridan.	Fountain Gun & Rod Club, Fountain	June 27	8,000
Gun Lake.	Sheridan and Freesoil.	Fountain Gun & Rod Club, Fountain	June 27	8,000
Ford Lake.	Sheridan.	Fountain Gun & Rod Club, Fountain	June 27	8,000
Manistee county:				
Little Manistee Lake.	Manistee.	T. G. Trimble, Manistee	June 27	10,000
Mecosta county:				
Clear Lake.	Colfax.	H. J. Ward, Big Rapids	June 15	6,000
Moore's Lake.	Hinton.	H. H. Moore, Lakeview	June 20	6,000
Halls Lake.	Millbrook.	D. H. Howard, Millbrook	June 20	6,000
Perch Lake.	Martiny.	Ray Carman, Mecosta	June 20	4,000
Round Lake.	Morton.	Frank O. Redick, Mecosta	June 20	6,000
Long Lake.	Morton.	John H. Snyder, Mecosta	June 20	6,000
Stradfield Lake.	Wheatland.	John O'Brien, Mecosta	June 20	6,000
Half Moon Lake.	Sheridan.	Ed. Freidel, Mecosta	June 20	6,000
Pretty Lake.	Martiny.	E. C. Lewis, Mecosta	June 20	6,000
Lake No. 6.	Sheridan and Wheatland.	T. E. Gale, Mecosta	June 20	4,000
Cook Creek.	Colfax.	Adolph Drager, Rodney	June 20	4,000
Meeker Lake.	Wheatland.	J. M. Swisher, Remus	June 20	4,000
Pine Lake.	Wheatland.	J. M. Swisher, Remus	June 20	4,000
Girlich Lake.	Wheatland.	J. M. Swisher, Remus	June 20	4,000
Lake 28.	Sheridan.	R. P. Swisher, Remus	June 20	6,000
Moiles Lake.	Sheridan.	Frank Malmstone, Barryton	June 27	8,000
Evans Lake.	Chippewa.	Frank Malmstone, Barryton	June 27	8,000
Diamond Lake.	Martiny and Sheridan.	Frank Malmstone, Barryton	June 27	8,000
Railroad Lake.	Sheridan.	O. S. Wood, Barryton	June 27	6,000
Lake Nunezar.	Fork.	O. S. Wood, Barryton	June 27	10,000
Chippewa Mill Pond.	Fork.	O. S. Wood, Barryton	June 27	10,000
Tubbs Lake.	Sheridan and Martiny.	W. T. Laffin, Barryton	June 27	6,000
Missaukee county:				
Gosse Lake.	Caldwell.	S. Stone, Lake City	June 14	6,000
Section 10 Lake.	Reeder and Lake.	A. E. Rnpright, Lake City	June 14	6,000
Long Lake.	Caldwell.	Jas. Boyer, Lake City	June 14	8,000
Missaukee Lake.	Several.	F. D. Mc Gregor, Lake City	June 14	6,000
Montcalm county:				
Clear Lake.	Montcalm.	W. H. Angell, Belding	June 17	4,000
Fish Lake.	Montcalm.	Wm. Chase, Greenville	June 17	6,000
Perch Lake.	Montcalm.	Wm. Chase, Greenville	June 17	6,000

TWENTIETH REPORT—STATE FISHERIES.

TWENTIETH REPORT—STATE FISHERIES.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Montcalm county.—Continued.				
Hunter Lake	Montcalm	Wm. Chase, Greenville	June 17	6,000
Turk Lake	Montcalm	E. A. Kemp, Greenville	June 17	6,000
Zeigenfuss Lake	Montcalm	E. A. Kemp, Greenville	June 17	8,000
Mari Lake	Richland	F. E. Curtis, Edmore	June 20	4,000
Cedar Lake	Home	F. E. Curtis, Edmore	June 20	4,000
Deaner Lake	Richland	Wm. Caris, Vestaburg	June 20	4,000
Bass Lake	Belvidere	Geo. Whitcomb, Lakeview	June 20	4,000
Town Line Lake	Cato and Belvidere	David Wortley, Lakeview	June 20	8,000
Tamarack Lake	Cato	C. W. Vining, Lakeview	June 20	8,000
Brimmer Lakes	Cato	Fred Faling, Lakeview	June 20	8,000
Duck Pond	Maple Valley	Jno. A. Freeman, Corai	June 20	4,000
Muscallowge Lake	Maple City	Jensen Bros., Trufant	June 20	6,000
Horton Lake	Montcalm	H. Paulson, Gowen	June 20	4,000
Six Lakes	Belvidere	Oscar Fleck, Six Lakes	June 20	8,000
Baldwin Lake	Eureka	E. B. Slawson, Greenville	June 20	6,000
Minoka or Fatal Lake	Eureka	R. C. Ecker, Greenville	June 20	6,000
Sanderson Lake	Eureka	Roy C. Dickerson, Greenville	June 20	6,000
Mud Lake	Douglas	Leon A. Russell, Greenville	June 20	4,000
Bass Lake	Richland	J. W. Pfeiffer, Edmore	June 20	6,000
Long Lake	Douglas and Belvidere	F. E. Curtis, Edmore	June 20	6,000
Offnear Lake	Home	L. D. Curtis, Edmore	June 20	4,000
Potter and Tallman Lakes	Fairplains	Wyckoff & Smith, Greenville	June 20	6,000
Loon Lake	Crystal	W. H. Everest, Crystal	June 28	8,000
Pickeral Lake	Bushnell	Bert Goodsell, Vickeryville	June 28	8,000
Montmorency county:				
Hillman Power Pond	Hillman	Thos. A. Lake, Hillman	July 1	7,500
Muskegon county:				
Crockery Creek Pond	Ravenna	Carl A. Stauffer, Ravenna	June 22	8,000
Crystal Lake	Whitehall and Blue Lake	H. B. Nivison, Whitehall	June 22	8,000
White Lake	Several	Frank D. Mc Guire, Chicago, Ill.	June 22	10,000
Big Blue Lake	Blue Lake	Hon. F. J. Russell, Hart	June 22	8,000
Obedhall Lake	Casnovia	Theo. W. Owen, Bailey	June 24	6,000
Burns Lake	Blue Lake	A. U. Quoit, Twin Lake	June 17	4,000
Goose Egg Lake	Dalton	Geo. L. Putnam, Twin Lake	June 17	4,000
West Lake	Dalton	T. M. Johnson, Twin Lake	June 17	8,000
North Lake	Dalton	T. M. Johnson, Twin Lake	June 17	4,000
Middle Lake	Dalton	C. M. Johnson, Twin Lake	June 17	8,000
Crocker Lake	Cedar	John Adams, Twin Lake	June 17	4,000
Crockery Creek	Casnovia	Elliott T. Stocum, Detroit	June 28	8,000
Newaygo county:				
Twin Lake	Home	H. T. Dennis, Detroit	June 26	8,000
Diamond Lake	Liocoln	Jos. Horner, Grand Rapids	June 25	8,000

TWENTY-SEVENTH REPORT—STATE FISHERIES.

Benton Lake	Bever	Chester E. Fish, Otta	June 25	6,000
Blue Lake	Monroe	Ed. Brohman, Otta	June 25	8,000
Crooked Lake	Monroe	M. B. Draper, Grand Rapids	June 25	8,000
Pettibone Lake	Lilly	Chas. Higley, Bitely	June 25	8,000
Crockery Lake	Grant	R. Headley, Bailey	June 24	6,000
Hess Lake	Brooks	M. H. Whitmore, Newaygo	June 24	10,000
Pickeral Lake	Garfield	Sterling Barboun, Fremont	June 24	8,000
Croton Dam Pond	Croton	Geo. L. Erwin, Grand Rapids	June 24	8,000
Long Lake	Sherman	Frank Foster, Wooster	June 24	18,000
Long Lake	Sherman	Jacob Kemperman, Fremont	June 17	6,000
Galberth's Lake	Sherman	John R. Grant, Fremont	June 17	6,000
First Lake	Dayton	R. A. Crandall, Fremont	June 17	6,000
Wildes Lake	Sheridan	Christian Wilde, Fremont	June 17	4,000
Baptist Lake	Ensley	Wm. Wisner, Sand Lake	June 15	6,000
Canoer Lake	Ensley	Wm. Wisner, Sand Lake	June 15	6,000
Crockery Creek	Crockery	L. C. Murra, Coopersville	June 29	8,000
Pickeral Lake	Garfield	Sterling Barboun, Fremont	June 28	6,000
Oakland county:				
Watkins Lake	Waterford	R. F. Monroe, Pontiac	June 19	8,000
Green Lake	West Bloomfield	Walter E. Flanders, Orchard Lake	June 20	12,000
Union Lake	West Bloomfield	Walter E. Flanders, Orchard Lake	June 20	16,000
Narrin Lake	Groveland	A. P. Button, Ortonville	June 17	6,000
Echo Lake	Addison	G. W. Paton, Almont	June 17	6,000
Twin Lakes	Oakland	Ezra Chamberlin, Orion	June 17	10,000
Cranberry Lake	Lake Orion	Ezra Chamberlin, Orion	June 17	12,000
Lake Orion	Orion	J. E. Bolles, Detroit	June 17	4,000
Taylor's Lake	Rose	F. A. La Baron, Fenton	June 11	10,000
Huron Lake	Springfield	F. C. Ely, Davisburg	June 11	6,000
Rapalle Lake	Rose	Chas. J. Hadley, Davisburg	June 11	8,000
Dickson Lake	Holly	Chas. E. Rolland, Fenton	June 11	8,000
Wilson Lake	Holly	J. W. Giles, Fenton	June 11	4,000
Cass Lake	West Bloomfield	T. J. Tyre, Pontiac	June 11	6,000
Sears Lake	Milford	W. C. Brown, Milford	June 13	12,000
Huron River	Milford	T. H. Padley, Milford	June 13	6,000
Grass Lake	White Lake	Robt. Drummond, Milford	June 13	14,000
Burns Lake	Holly	David Mackey, Holly	June 13	4,000
Marsh Lake	Holly	David Mackey, Holly	June 13	4,000
Teuple Hill Lake	Commerce	Tom Forbes, Milford	June 13	8,000
Deer Lake	Independence	C. R. Lambert, Detroit	June 21	10,000
Doneyan Lake	Holly	Burt Osms, Fenton	June 21	4,000
Williams Lake	Waterford	H. O. Whitfield, Pontiac	June 21	10,000
Lotus, Huntoon and Maceday Lakes	Waterford	C. C. Craigie, Clarkston	June 24	20,000
Union Lake	West Bloomfield	E. B. Keith, Pontiac	June 22	10,000
Orchard Lake	West Bloomfield	F. S. Campbell, Detroit	June 22	14,000
Walled Lake	Novi and Commerce	M. A. Porter, Northville	June 22	12,000
Elizabeth Lake	Waterford	A. L. Moore, Pontiac	June 21	10,000
Angelus or Three Mile Lake	Pontiac	J. Warren Jenkins, Kansas City, Mo.	June 22	10,000
Angelus or Three Mile Lake	Pontiac	Henry M. Leland, Detroit	June 27	12,000
Crescent Lake	Pontiac	Hon. T. D. Seeley, Pontiac	June 27	10,000
Lake Orion	Waterford	Lake Orion Summer Homes Co., Detroit	June 17	10,000
	Orion			

TWENTY-SEVENTH REPORT—STATE FISHERIES.

Large Mouth Black Bass Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date	Number.
Oceana county:				
Round Lake.....	Golden.....	Clarence B. Tucker, Mears.....	June 22	6,000
Silver Lake.....	Golden.....	L. P. Munger, M. D., Hart.....	June 22	6,000
Crystal Lake.....	Hart.....	W. R. Roach, Hart.....	June 22	6,000
Pentwater Lake.....	Pentwater.....	S. D. Montgomery, Grand Rapids.....	June 22	8,000
Ogemaw county:				
Town Line Lake.....	Goodar.....	O. L. Rakestraw, Lupton.....	June 28	8,000
Black Lake.....	Hill.....	Roy M. Stewart, Lupton.....	June 28	6,000
Lake George.....	Hill.....	B. L. Holliday, Lupton.....	June 28	8,000
Cranberry and North Lakes.....	Hill.....	J. D. Pilmore, Bay City.....	June 28	12,000
Osceola county:				
Diamond Lake.....	Burdette.....	Hon. J. M. Perry, Tustin.....	June 15	6,000
Big Lake.....	Orient.....	S. F. Postal, Ewart.....	June 28	10,000
Strawberry Lake.....	Cedar.....	Wm. F. Ramsey, Ewart.....	June 28	6,000
Wright and Grover Lakes.....	Ewart.....	Wm. F. Ramsey, Ewart.....	June 28	12,000
Oscoda county:				
Deford Lake.....	Atherton.....	D. A. Neal, Rose City.....	June 28	6,000
Ottawa county:				
Mud Lake or Jamestown Lake.....	Jamestown.....	Jas. Brandt, Jr., Hndsonville.....	June 18	4,000
Cove Lake or Stern's Bayou.....	Robinson.....	Hon. Walter H. Clark, Grand Haven.....	June 29	24,000
Crockery Lake.....	Chester.....	Ben Whitsell, Conklin.....	June 28	10,000
Tubb Bayou.....	Crockery.....	Fred Gordon, Numica.....	June 28	8,000
Bruce Bayou.....	Crockery.....	Fred Gordon, Numica.....	June 29	8,000
Presque Isle county:				
Grand Lake.....	Presque and Krakow.....	Jas. E. Kauffman, Presque Isle.....	June 25	20,000
St. Joseph county:				
Mud Lake.....	Leonidas.....	F. S. Miller, Leonidas.....	June 21	6,000
Blume Lake.....	Burr Oak.....	Anthony Bros., Sturgis.....	June 19	6,000
Adams Lake.....	Burr Oak.....	Anthony Bros., Sturgis.....	June 19	6,000
Portage Lake.....	Park.....	Gus Peabody, Vicksburg.....	June 19	6,000
Long Lake.....	Colon.....	A. I. Whitehouse, Burr Oak.....	June 27	8,000
Hawkins Lake.....	Burr Oak.....	Wm. H. Bordner, Burr Oak.....	June 27	8,000
Fish Lake.....	Burr Oak.....	Wm. H. Bordner, Burr Oak.....	June 27	6,000
Clear Lake.....	Fabius.....	C. N. Fisher, Three Rivers.....	June 26	10,000
Van Buren county:				
Nyman's Dam.....	Bangor.....	J. D. Naltzger, Bangor.....	June 24	8,000
Lake Fourteen.....	Columbia.....	W. E. Grimes, South Haven.....	June 24	6,000
Dyer Lake.....	Bangor.....	Jeremiah Welker, Bangor.....	June 24	6,000
Lake George:				
Three Mile Lake.....	Lawrence.....	Carlton Vanderveer, Lawrence.....	June 24	8,000
Pugsley's Lake.....	Paw Paw.....	Wm. M. Kirkwood, Paw Paw.....	June 24	6,000
Hemlock Lake.....	Waverly and Paw Paw.....	L. W. Arnold & Son, Paw Paw.....	June 24	6,000
Fish Lake.....	Pine Grove.....	F. W. Schoolcraft, Kendall.....	June 18	4,000
Lake Mill.....	Aimena.....	F. W. Schoolcraft, Kendall.....	June 18	6,000
Scott Lake.....	Bloomington.....	R. E. Vickers, Gobleville.....	June 18	6,000
Lake Eleven.....	Arlington.....	J. L. & W. S. Mitchell, Bloomington.....	June 18	6,000
Moon Lake.....	Columbia.....	Chas. H. Holmes, Berlamont.....	June 18	4,000
Donivan Lake.....	Geneva.....	Jas. A. Gibson, Lacato.....	June 18	4,000
Van Ocken Lake.....	Bangor.....	T. E. Richter, Mc Donald.....	June 18	4,000
Silver Lake.....	Bangor.....	Henry R. Goss, Mc Donald.....	June 18	6,000
Saddle Lake.....	Columbia.....	Owen C. Egan, Grand Junction.....	June 18	4,000
Keeler Lake.....	Columbia.....	Owen C. Egan, Grand Junction.....	June 18	8,000
Huzzy Lake.....	Keeler.....	Wm. Hoffman, Hartford.....	June 24	4,000
Pond Lilly Lake.....	Porter.....	J. K. Mowry, Lawton.....	June 24	6,000
Pickeral Lake.....	Hamilton.....	G. L. A. Brown, Decatur.....	June 24	4,000
Lake of the Woods.....	Decatur.....	D. W. Rose, Decatur.....	June 24	6,000
		C. E. Criffield, Decatur.....	June 24	6,000
Washtenaw county:				
Howell Lake.....	Lyndon.....	Dr. T. I. Clark, Jackson.....	June 24	4,000
Cunningham Lake.....	Lyndon.....	Dr. T. I. Clark, Jackson.....	June 24	4,000
Clark's Lake.....	Lyndon.....	Dr. T. I. Clark, Jackson.....	June 24	4,000
South Lake.....	Lyndon.....	Dr. T. I. Clark, Jackson.....	June 24	8,000
Gorman Lake.....	Lyndon.....	Dr. T. I. Clark, Jackson.....	June 24	4,000
Stapish Lake.....	Lyndon.....	John Mc Kernan, Chelsea.....	June 24	4,000
Cavanaugh Lake.....	Sylvan.....	Hon. John Kalmbach, Chelsea.....	June 24	8,000
Cassidy Lake.....	Lyndon.....	Hon. John Kalmbach, Chelsea.....	June 24	12,000
Mirror Lake.....	Lyndon.....	Hon. John Kalmbach, Chelsea.....	June 24	6,000
Half Moon Lake.....	Dexter and Putnam.....	Elmer C. Glenn, Pinckney.....	June 28	14,000
Wayne county:				
Huron River.....	Van Buren.....	A. E. Smith, Belleville.....	June 29	20,000
Coomer Lake.....	Van Buren.....	A. E. Smith, Belleville.....	June 29	10,000
Total.....				3,149,500

LARGE MOUTH BLACK BASS PLANTS, 1912.

FINGERLINGS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Alcona county:				
Mc Collum Lake.....	Mitchell	S. K. Mc Collum, Comins.	July 19	1,500
Mc Phee Lake.....	Mitchell	S. J. Evans, Hardy.	July 19	600
Freesoil Lake.....	Mitchell	S. J. Evans, Hardy.	July 19	600
Crooked Lake.....	Mitchell	Stephen Evans, Hardy.	July 19	1,500
Sand Lake.....	Mitchell	A. R. Code, Au Sable.	July 19	1,500
Alger county:				
Reddys Lake.....	Au Train	Doe Lake Club, Wetmore.	July 3	5,000
Mirror Lake.....	Au Train	Doe Lake Club, Wetmore.	July 3	5,000
Doe Lake.....	Munising	H. Malott, Detroit.	July 3	3,000
Wiley Lake.....	Munising	H. Malott, Detroit.	July 3	2,000
Half Moon Lake.....	Munising	Doe Lake Club, Wetmore.	July 3	5,000
Baraga county:				
Cliff Lake.....	Spurr	Peter Trudell, Jr., Negaunee.	July 9	1,500
Bella Lake.....	Arvon	Silver River R. & G. Club, L'Anse.	July 9	2,500
Pine Lake.....	L'Anse	Silver River R. & G. Club, L'Anse.	July 9	1,500
Big Lake.....	Baraga	Silver River R. & G. Club, L'Anse.	July 9	2,500
Barry county:				
Mixer Lake.....	Baltimore	C. W. Mixer, Hastings.	June 28	3,000
Robinson Lake.....	Hastings	C. W. Mixer, Hastings.	June 28	3,000
Podunk Lake.....	Rutland	C. W. Mixer, Hastings.	June 28	3,000
East Lake.....	Baltimore	C. W. Mixer, Hastings.	June 28	3,000
Middle Lake.....	Baltimore	C. W. Mixer, Hastings.	June 28	3,000
Tanner Lake.....	Rutland	C. W. Mixer, Hastings.	June 28	3,000
Bates Lake.....	Rutland	C. W. Mixer, Hastings.	June 28	3,000
Tison Lake.....	Hope	C. W. Mixer, Hastings.	June 28	3,000
Middle Lake.....	Carleton	C. W. Mixer, Hastings.	June 28	3,000
Benzie county:				
Big Platte Lake.....	Benzonia and Lake	Wesley B. Covey, Honor	Sept. 19	525
Little Platte Lake.....	Lake and Platte.	Wesley B. Covey, Honor	Sept. 19	525
Clare county:				
Windover Lake.....	Freeman	Chas. Lyon, North Star.	July 17	2,500
Bass Lake.....	Arthur	F. A. Fowler, Clare.	July 6	3,000
Lilly Lake.....	Arthur	F. A. Fowler, Clare.	July 6	3,000
Crooked Lake.....	Garfield	W. M. Scott, Lake.	July 2	9,000
Farwell Millpond.....	Surrey	W. C. Fuller, Farwell.	July 2	4,500
South Lake.....	Grant	Wm. Large, Clare.	July 2	6,000
Dewey Lake.....	Grant	Jas. N. Bicknell, Clare.	July 2	6,000
Arnold Lake.....				
Long Lake.....	Hughes and Frost	Hughes Bros. & Co., Harrison.	July 6	4,000
Budd Lake.....	Frost	Hughes Bros. & Co., Harrison.	July 6	7,000
Eaton county:				
Narvon Lake.....	Hayes	Hughes Bros. & Co., Harrison.	July 6	5,000
Gladwin county:				
Pratt's Lake.....	Sage	Ezra Hnber, Charlotte.	Aug. 30	500
Hillsdale county:				
Louie Lake.....	Wright	Hon. Eugene Foster, Gladwin.	Sept. 4	600
First Sand Lake.....	Hillsdale	John E. Palmer, Hudson.	July 10	1,500
Half Moon Lake.....	Fayette	Jonesville R. & G. Club, Jonesville.	July 9	2,400
Grays Lake.....	Fayette	Jonesville R. & G. Club, Jonesville.	July 9	2,400
Hastings Lake.....	Scipio	Jonesville R. & G. Club, Jonesville.	July 9	2,400
Courtright Lake.....	Fayette	Jonesville R. & G. Club, Jonesville.	July 9	3,200
Ackerly Lake.....	Fayette	Jonesville R. & G. Club, Jonesville.	July 9	3,200
Mosherville Lake.....	Scipio	Jonesville R. & G. Club, Jonesville.	July 9	1,600
Cobb Lake.....	Scipio	Don Daykin, Mosherville.	July 9	2,400
Houghton county:				
Fales Lake.....	Elm River	J. R. Pope, Jonesville.	July 9	2,400
Two Small Lakes.....	Elm River	Geo. Williams, Calumet.	July 10	1,000
Twin Lake.....	Elm River	Paul D. Swift, Houghton.	July 10	1,500
Iron county:				
2 Lakes—No Name.....		Mrs. B. T. Barry, Houghton.	July 10	2,000
Isabella county:				
Bullhead Lake.....	Freemont	Wm. Kroll, Kenton.	July 10	2,500
Kent county:				
Reed's Lake.....	Grand Rapids	A. E. Shenk, Vestaburg.	July 1	2,000
Pickeral Lake.....	Grand Rapids	L. J. De Lamarter, Grand Rapids.	June 25	10,000
Keweenaw county:				
Lac La Belle.....	Grant	A. C. House, Belmont.	Oct. 22	1,000
Deer Lake.....	Grant	Jos. W. Selden, Calumet.	July 10	2,000
Beaver Lake.....	Eagle Harbor	W. P. Mc Gee, Phoenix.	July 10	1,500
Thayer's Lake.....	Sherman	F. W. Taylor, Phoenix.	July 10	1,500
Breakfast Lake.....	Grant	Geo. Foley, Mohawk.	July 10	1,500
Bete Gris Bayou.....	Grant	G. J. Ross, Calumet.	July 10	1,000
Gratiot Lake.....	Central	Thos. Hoatson, Calumet.	July 10	1,500
Lac La Belle.....	Eagle Harbor	Thos. Uren, Mohawk.	July 10	2,000
Lenawee county:				
Devil's Lake.....	Woodstock	Patrick M. Harrington, Phoenix.	July 10	2,000
Sand Lake.....	Franklin and Cambridge	H. E. Haod, Devil's Lake.	July 10	2,400
Round Lake.....	Rollin	E. F. Putnam, Putnam.	July 10	2,100
		W. E. Alchin, Townley.	July 10	500

Large Mouth Black Bass Plants, 1912.—Continued.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Livingston county: Maxfield Lake.....	Hartland.....	J. N. Weaver, Milford.....	July 3	3,000
Luce county: Dollarville Lake and Taquamenon River.....	46 N. 10 West.....	E. C. Underwood, Dollerville.....	July 3	5,000
Marquette county: Perch Lake.....	Republic.....	B. Bengston, Republic.....	July 2	3,000
Superior Lake.....	Republic.....	B. Bengston, Republic.....	July 2	3,000
Sauk Head Lake.....	Powell.....	H. A. St. John, Marquette.....	July 2	4,000
Lake Independence.....	Marquette.....	H. A. St. John, Marquette.....	July 2	4,000
Bear Lake.....	Marquette.....	H. A. St. John, Marquette.....	July 2	4,000
Twin Lake.....	Powell.....	H. A. St. John, Marquette.....	July 2	4,000
Pick Lake.....	Powell.....	H. A. St. John, Marquette.....	July 2	4,000
Hills Dam Lake.....	Marquette and Negaunee.....	Frank G. Jenks, Negaunee.....	July 9	1,500
Marquette Lake.....	Sands.....	Hon. W. S. Ewing, Harvey.....	July 9	1,500
Strawberry Lake.....	Republic.....	C. W. Munson, Republic.....	July 9	1,500
Skinner's Lake.....	Humboldt.....	C. W. Munson, Republic.....	July 9	1,500
Porterfield's Lake.....				
Mason county: Hopkins Lake.....	Summit.....	H. C. Cole, Ludington.....	July 2	6,000
Hamlin Lake.....	Hamlin and Victory.....	Dr. J. D. Buckingham, Ludington.....	July 2	6,000
North Ox Bow Lake.....	Riverton.....	D. S. Betka, Scottville.....	July 2	6,000
Montcalm county: Rock Lake.....	Richland.....	John T. Bridwell, Vestaburg.....	July 1	3,000
Montmorency county: Cranberry Lake.....	Montmorency.....	S. Rice, Hillman.....	July 1	9,000
Valentine Lake.....	Briley.....	Robt. Baner, Alpena.....	July 1	9,000
Valentine Lake.....	Briley.....	Geo. Rouse, Atlanta.....	July 1	7,500
Muskegon county: Little Black Lake.....	Norton and Spring Lake.....	E. D. Magoon, Muskegon.....	June 29	4,000
Mona Lake.....	Norton.....	E. D. Magoon, Muskegon.....	June 29	4,000
Bear Lake.....	Muskegon and Laketon.....	E. D. Magoon, Muskegon.....	June 29	4,000
Newaygo county: Bobbist Lake.....	Grove.....	B. S. Davenport, Pierson.....	July 11	2,000
Oakland county: Foster's Lake.....	Springfield.....	Edmund Foster, Clarkston.....	July 6	4,000
Long or Porter's Lake.....	White Lake.....	F. B. Hatch, Milford.....	July 3	7,000
Crawford Lake.....	Bloomfield.....	Hugh Chalmers, Detroit.....	Aug. 30	500
Avery Lake.....	Oxford.....	John H. Avery, Detroit.....	Aug. 14	200
Ogemaw county: West Brook.....	Edwards.....	J. A. Priddy, West Branch.....	July 12	1,500
Frost Lake.....	Edwards.....	J. A. Priddy, West Branch.....	July 12	2,500
Ontonagon county: Beaver Dams.....	Rockland.....	F. Hibbard, Rockland.....	July 10	1,500
Oscoda county: Flat Lake.....	Clinton.....	S. K. Mc Collum, Comins.....	July 19	900
Otsego county: Otsego Lake.....		Hon. E. B. Bolton, Gaylord.....	July 12	4,400
Roscommon county: Higgins Lake.....	Gerrish.....	Jas. A. Gallagher, Roscommon.....	July 12	5,000
Bad River.....	St. Charles.....	A. T. Sanderson, St. Charles.....	July 23	1,200
Saginaw River.....	St. Charles.....	W. J. Hunsaker, Saginaw.....	July 23	15,000
Total.....				321,050

LARGE MOUTH BLACK BASS PLANTS, 1912.

YEARLINGS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Kent county:				
Reeds Lake.....		Dwight Lydell, Comstock Park.....	May 15	800
Pickrel Lake.....		Dwight Lydell Comstock Park.....	May 17	200
Total.....				1,000

PERCH PLANTS, 1912.

Fry.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Allegan county:				
Trobig Pond.....	Otsego and Trobig.....	Allen Dunfield, Otsego.....	May 23	160,000
School Section Lake.....	Watson.....	J. T. Cloney, Allegan.....	May 23	120,000
Dumont Lake.....	Allegan.....	Chas. E. Bond, Allegan.....	May 23	160,000
Miner Lake.....	Allegan and Hopkins.....	Kenneth P. Beatter, Hopkins.....	May 23	160,000
Linsley Lake.....	Hopkins.....	John W. Linsley, Hopkins.....	May 23	120,000
East Lake.....	Hopkins.....	W. F. Tiefenthal, Hopkins.....	May 23	120,000
Three Corners Lake.....	Hopkins.....	W. F. Tiefenthal, Hopkins.....	May 23	120,000
Root Lake.....	Wayland.....	Geo. N. Dean, Shelbyville.....	May 23	120,000
Green Lake.....	Leighton.....	T. B. Rose & Son, Moline.....	May 23	160,000
Crooked Lake.....	Clyde.....	A. Hutchinson, Bravo.....	June 21	160,000
Lower Scott Lake.....	Lee.....	Mark Maw, Pullman.....	June 21	120,000
Upper Scott Lake.....	Lee.....	Chas. Horn, Pullman.....	June 21	160,000
Antrim county:				
Losey's Lake.....	Warner.....	Albert Losey, Elmira.....	May 21	120,000

Barry county:				
Wilkinson Lake.....	Hope.....	Henry Moorhus, Delton.....	May 25	160,000
Mud Lake.....	Hope.....	Ovid Chamberlin, Cloverdale.....	May 25	120,000
Wall Lake.....	Hope.....	Daniel E. Birdsall, Hastings.....	May 25	160,000
Shallow Lake.....	Hope.....	W. D. Hayes, Hastings.....	May 25	120,000
Lake Twenty-one.....	Hope.....	O. J. Kingsbury, Hope.....	May 25	120,000
Long Lake.....	Hope.....	Mrs. Hiram Hastings.....	May 25	120,000
Horseshoe Lake.....	Hope.....	B. Dickinson, Hastings.....	May 25	120,000
Lawhead Lake.....	Woodland and Carleton.....	Mrs. Hiram Gibson, Cloverdale.....	May 25	160,000
Mud Lake.....	Jobstown.....	F. J. Geiger, Woodland.....	May 25	120,000
Mill Lake.....	Jobstown.....	Robt. E. Dullam, M. D., Battle Creek.....	May 29	80,000
Fine Lake.....	Johnstown.....	D. D. Ford, Battle Creek.....	May 29	120,000
Clear Lake.....	Johnstown.....	Hon. Williard A. Knight, Battle Creek.....	May 29	200,000
Elis Lake.....	Baltimore.....	John L. Ormsbe, Dowling.....	June 28	120,000
Kilpatrick Lake.....	Assyria.....	F. M. Quick, Nashville.....	June 25	120,000
Pine Lake.....	Woodland.....	C. J. Scheidt, Nashville.....	June 25	120,000
Pat and Kidder Lakes.....	Prairieville.....	Ray Nichols, Doster.....	July 1	160,000
	Woodland.....	Burnie Jordan, Woodland Center.....	July 3	120,000
Berrien county:				
Lake Chapen.....	Several.....	John G. Murdoch, Berrien Springs.....	May 27	200,000
Singer Lake.....	Oronoke.....	John G. Murdoch, Berrien Springs.....	May 27	120,000
Clear Lake.....	Buchanan.....	Jas. E. Scott, Buchanan.....	May 27	120,000
Pike Lake.....	Bertrand.....	Jas. E. Scott, Buchanan.....	May 27	120,000
Weaver Lake.....	Buchanan.....	Jas. E. Scott, Buchanan.....	May 27	120,000
Branch county:				
Dane Lake.....	Sherwood.....	A. Blackman, Sherwood.....	May 22	80,000
Blossom Lake.....	Sherwood.....	A. S. Kent, Sherwood.....	May 22	120,000
Marble Lake.....	Quincy.....	C. A. Bishop, Quincy.....	June 22	160,000
Lake of the Woods.....	Ovid.....	F. T. Tappan, Coldwater.....	June 26	120,000
Craig, Morrison, North, South and Messenger Creeks.....	Coldwater and Girald.....	F. T. Tappan, Coldwater.....	July 2	120,000
Coldwater River.....	Ovid and Coldwater.....	F. T. Tappan, Coldwater.....	July 2	120,000
Branch Creek.....	Coldwater and Ovid.....	F. T. Tappan, Coldwater.....	July 2	80,000
Calhoun county:				
Turtle Lake.....	Burlington.....	E. R. Sullivan, Union City.....	May 22	120,000
Wabason Lake.....	Bedford.....	Weickgnant & Coe, Battle Creek.....	May 29	160,000
Gogua Lake.....	Battle Creek.....	Gogua Resort Assn., Battle Creek.....	May 29	200,000
St. Mary's Lake.....	Bedford.....	H. H. Warner, Battle Creek.....	May 29	120,000
Harts Lake.....	Battle Creek.....	Earl M. Billington, Battle Creek.....	May 29	120,000
Keasler Lake.....	Albion.....	D. S. Howe, Homer.....	July 2	120,000
Prairie Lake.....	Clarence.....	W. H. Riever, Albion.....	July 1	80,000
Long Lake.....	Fredonia.....	W. J. Clayborne, Marshall.....	July 1	120,000
Mill Pond on Kalamazoo River.....	Marshall.....	W. J. Clayborne, Marshall.....	July 1	120,000
Cass county:				
Lilly Lake.....	Newberg.....	Fred Marsh, Cassopolis.....	May 22	120,000
Elbow Lake.....	Porter.....	Fred Jones, Jones.....	May 22	80,000
Pleasant Lake.....	Ontwa.....	Eugene A. Smith, Edwardsburg.....	May 24	120,000
Eagle Lake.....	Ontwa.....	Perry L. Turner, Elkhart, Ind.....	May 24	160,000
Stone Lake.....	La Grange.....	Fred Marsh, Cassopolis.....	May 24	160,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Cass county—Continued.				
Diamond Lake.....	Several.....	C. A. Russ, Cassopolis.....	May 24	160,000
Crane Pond.....	Newburg.....	Earl J. Williams, Vandalia.....	May 24	80,000
Bunker Lake.....	Volinia.....	Floyd Brown, Marcellus.....	May 24	120,000
Eaton county:				
Grand River.....	Windsor.....	Freeman G. French, Dimondale.....	July 2	80,000
Saubly Lake.....	Sunfield.....	C. M. Putman, Nashville.....	June 25	120,000
Emmet county:				
Round Lake.....	Bear Creek.....	Henry Lindig, Petoskey.....	May 21	120,000
Genesee county:				
Lee's Lake.....	Fenton.....	C. A. Damon, Fenton.....	May 27	160,000
Silver Lake.....	Fenton.....	G. E. Beadley, Fenton.....	May 27	120,000
Day's Lake.....	Fenton.....	L. F. Morehouse, Fenton.....	May 27	160,000
Pine Lake.....	Fenton.....	J. Max Davis, Fenton.....	May 27	120,000
Loddell Lake.....	Argentine.....	Ovid Blue Gill Club, Ovid.....	July 2	160,000
Argentine Pond.....	Argentine.....	Clyde Stage, Argentine.....	July 2	160,000
Grand Traverse county:				
Bass Lake.....	Several.....	G. E. Potrafke, Traverse City.....	May 25	160,000
Silver Lake.....	Garfield and Blair.....	G. E. Potrafke, Traverse City.....	May 25	160,000
Rennie Lake.....	Union.....	Kingsley Sportsmen's Club, Kingsley.....	May 25	120,000
Hogsback or Crooked Lake.....	Mayfield and East Bay.....	Kingsley Sportsmen's Club, Kingsley.....	May 21	120,000
Spider Lake.....	East Bay.....	Kingsley Sportsmen's Club, Kingsley.....	May 21	120,000
Fife Lake.....	Fife Lake.....	Fred Bechstein, Fife Lake.....	May 21	120,000
Hillsdale county:				
Mosberville Lake.....	Scipio.....	L. S. Strait, Hanover.....	June 22	120,000
Cobb Lake.....	Scipio.....	L. S. Strait, Hanover.....	June 22	120,000
Ionia county:				
Morrison Lake.....	Boston.....	John Wallington, Saranac.....	May 27	160,000
Jordan Lake.....	Odessa and Woodland.....	Edwin Shellhorn, Lake Odessa.....	July 3	160,000
Tupper Lake.....	Odessa.....	Edwin Shellhorn, Lake Odessa.....	July 3	120,000
Jackson county:				
Farrel Pond.....	Norvell.....	W. F. Walker, Norvell.....	May 22	80,000
Stony Lake.....	Napoleon.....	G. E. Rushton, Napoleon.....	May 22	120,000
Clark's Lake.....	Columbia.....	Jno. E. Pinegar, Jackson.....	May 22	120,000
Ackerson Lake.....	Napoleon.....	F. J. Shoman, Jackson.....	May 22	120,000
Olcott's Big Wolf and Little Wolf Lakes.....	Several.....	Wm. W. Todd, Jackson.....	July 1	320,000
Farwell Lake.....	Hanover.....	O. T. Greenshaw, Hanover.....	July 2	160,000
Rushtine Lake.....	Hanover.....	W. F. Burdette, Hanover.....	July 2	120,000
Horseshoe Lake.....				
Lagoon in Loomis Park.....	Hanover.....	Alfred Folks, Pulaski.....	June 22	80,000
Vandecrook's Lake.....	City of Jackson.....	Wm. W. Todd, Jackson.....	June 25	120,000
Gillets Lake.....	Summit.....	Geo. E. Beebe, Jackson.....	June 25	120,000
Grass Lake.....	Leoni.....	Geo. E. Beebe, Jackson.....	June 25	120,000
Wolf Lake.....	Grass Lake.....	Geo. E. Beebe, Jackson.....	June 25	120,000
Portage Lake.....	Leoni.....	Geo. E. Beebe, Jackson.....	June 25	120,000
Michigan Center Pond.....	Waterloo and Napoleon.....	Geo. E. Beebe, Jackson.....	June 25	120,000
Vineyard Lake.....	Leoni.....	Geo. E. Beebe, Jackson.....	June 25	120,000
Kalamazoo county:				
Austin Lake.....	Portage.....	Mr. Luman, Vicksburg.....	May 23	160,000
West Lake.....	Portage.....	E. R. Conrad, Vicksburg.....	May 23	120,000
Gourdneck Lake.....	Portage and Schoolcraft.....	E. R. Conrad, Vicksburg.....	May 23	100,000
Hampton Lake.....	Portage.....	E. R. Conrad, Vicksburg.....	May 23	160,000
West Lake.....	Portage.....	Wm. H. Johnson, Kalamazoo.....	May 23	120,000
Harrison Lake.....	Prairie.....	Owen W. Harrison, Schoolcraft.....	May 23	120,000
Sherman Lake.....	Ross.....	Orrin Abbott, Battle Creek.....	May 29	120,000
Eagle Lake.....	Charleston.....	Otto A. Buechner, Augusta.....	July 1	400,000
Kent county:				
Long Lake.....	Solon.....	A. H. Saur, Kent City.....	May 25	120,000
Squaw Lake.....	Algonia.....	Dr. H. L. Miller, Kent City.....	May 25	120,000
Stoner Lake.....	Courtland.....	J. E. Ward, Rockford.....	May 21	120,000
Pickrel Lake.....	Courtland.....	Dwight Lydell, Comstock Park.....	May 30	480,000
Grand River.....	Caledonia.....	Dwight Lydell, Comstock Park.....	May 29	320,000
Emmons Lake.....	Caledonia.....	Gilbert A. Woodward, Caledonia.....	July 1	120,000
Leake county:				
Putman or West Lake.....	Webber.....	Geo. N. West, Baldwin.....	May 25	240,000
North Hamlin Lake.....	17 N. R. 13 W.....	W. R. Clark, Baldwin.....	May 25	240,000
Perch Lake.....	Sweetwater.....	Geo. M. Brown, Detroit.....	July 2	80,000
Lincoln Lake.....	Sweetwater.....	Geo. Grant, Saginaw.....	July 2	80,000
Lapeer county:				
Pleasant Lake.....	Attica.....	Imlay City F. & G. Club, Imlay City.....	May 27	200,000
Elk Lake.....	Arcadia.....	Imlay City F. & G. Club, Imlay City.....	May 27	200,000
Lenaee county:				
Globe Pond.....	Tecumseh.....	H. C. Hoyt, Tecumseh.....	July 2	120,000
Livingston county:				
Round Lake.....	Hartland.....	C. E. Lovejoy, Milford.....	July 3	120,000
Long Lake.....	Hartland.....	T. H. Padley, Milford.....	July 3	120,000
Mecosta county:				
Pine Lake.....	Wheatland.....	J. M. Swisher, Remus.....	July 3	120,000
Montcalm county:				
Sanderson Lake.....	Fairplains.....	E. A. Kernp, Greenville.....	July 1	160,000
Rock Lake.....	Richland.....	A. B. Stauffer, Vestaburg.....	July 1	100,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Muskegon county: Obedhall Lake.....	Casnovia.....	Theo. W. Owen, Bailey.....	May 25	120,000
Newargo county: Robinson's Lake.....	Sherman.....	Chas. Streichirsch, White Cloud.....	May 25	120,000
Crockery Lake.....	Grant.....	R. Headley, Bailey.....	May 25	120,000
Croton Dam Pond.....	Croton.....	Geo. L. Erwin, Grand Rapids.....	June 20	400,000
Oakland county: Davisburg Mill Pond.....	Springfield.....	Ira E. Kinney, Davisburg.....	July 2	120,000
Lake Eliza.....	Springfield.....	Ira E. Kinney, Davisburg.....	July 2	120,000
Jumbo Lake.....	Springfield.....	Ira E. Kinney, Davisburg.....	July 2	80,000
Round Lake.....	Springfield.....	Ira E. Kinney, Davisburg.....	July 2	80,000
Kirkby Lake.....	Springfield.....	Clarence S. Longacre, Davisburg.....	July 2	80,000
Weldon Lake.....	Springfield.....	Clarence S. Longacre, Davisburg.....	July 2	120,000
Long Lake.....	Springfield.....	Clarence S. Longacre, Davisburg.....	July 2	120,000
Huron Lake.....	Springfield.....	P. C. Ely, Davisburg.....	July 2	120,000
Huron River.....	Springfield.....	T. H. Padley, Milford.....	July 2	120,000
Lower Pond.....	Milford.....	W. C. Brown, Milford.....	July 3	80,000
Austin Lake.....	Milford.....	R. S. Potts, Milford.....	July 3	120,000
Upper Pettibone Lake.....	Milford.....	Frank Bailey, Milford.....	July 3	120,000
Extension of Pelter's Pond.....	Highland.....	T. H. Padley, Milford.....	July 3	80,000
St. Joseph county: Long Lake.....	Fabius.....	A. W. Pound, Jones.....	May 22	120,000
St. Joseph River.....	Severl.....	Wallace N. Harvey, Constantine.....	May 23	120,000
Hawkins Lake.....	Burr Oak.....	Wm. H. Bordner, Burr Oak.....	June 22	120,000
Long Lake.....	Colon.....	R. C. Himebaugh, Burr Oak.....	June 22	120,000
Hog Creek.....	Burr Oak.....	Van Husan & Spencer, Burr Oak.....	June 22	120,000
Eberhard Lake.....	Burr Oak.....	P. L. Start, Burr Oak.....	June 22	160,000
Van Buren county: Gravel Lake.....	Porter.....	R. F. Thornton, Lawton.....	May 27	160,000
Hersey Lake.....	Porter.....	V. B. Finch, Lawton.....	May 27	160,000
Sand Lake.....	Antwerp.....	John Kellog, Lawton.....	May 27	120,000
Little Bear Lake.....	Columbia.....	E. B. Eddy, Grand Junction.....	June 21	120,000
Base Line Lake.....	Columbia.....	Robt. Messel, Grand Junction.....	June 21	30,000
Saddle Lake.....	Columbia.....	A. B. Lyster, Breedsville.....	June 21	160,000
Bangor Millpond.....	Bangor.....	Archie Mc Kee, Bangor.....	June 21	120,000
Three Mile Lake.....	Paw Paw.....	Wm. M. Kirkwood, Paw Paw.....	June 21	320,000
Washtenaw county: Silver Lake.....	Freedsin.....	Herman Glatz, Manchester.....	July 2	120,000
Wayne county: Detroit River.....		Mich. Fish Commission, Detroit.....	July 1	400,000
Total.....				21,440,000

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PERCH PLANTS, 1912.

FINGERLINGS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Alcona county: Sand Lake.....	Mitchell.....	Stephen Evans, Comins.....	Aug. 10	800
Crooked Lake.....	Mitchell.....	Stephen Evans, Hardy.....	Aug. 10	800
Hubbard Lake.....	28 N. of R. 7 E.....	W. S. Linton, Saginaw.....	Aug. 9	2,000
Barry county: Little Long Lake.....		Mrs. M. Jones, Cloverdale.....	July 12	750
Branch county: Goodrich Lake.....	Sherwood.....	A. Blackman, Sherwood.....	July 20	1,000
Lower Lake.....	Sherwood.....	Harry G. Lewis, Athens.....	July 20	1,000
Lehr Lake.....	Sherwood.....	Leo E. Wood, Athens.....	July 20	1,000
Kenyon Lake.....	Sherwood.....	Leo E. Wood, Athens.....	July 20	1,000
Benzie county: Little Platte Lake.....	Lake and Platte.....	W. B. Covey, Honor.....	Sept. 19	1,625
Berrien county: Dayton Lake.....	Bertrand.....	Leo R. Arnold, Dayton.....	Aug. 24	1,600
Calhoun county: Beadle Lake.....	Emmet.....	C. E. Kistler, Battle Creek.....	July 20	1,000
Crawford county: Portage Lake.....		M. Hanson, Grayling.....	Oct. 10	1,000

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Cass county:				
Saddlebag Lake.....	Marcellus.....	H. B. Lawrence, Decatur.....	July 12	750
Indian Lake.....	Silver Creek.....	Fred Phillips, Dowagiac.....	Aug. 24	1,000
Magician Lake.....	Silver Creek and Keeler.....	Fred Phillips, Dowagiac.....	Aug. 24	1,000
Charlevoix county:				
Deer Lake.....	Boyue Valley.....	Hon. Wm. J. Pearson, Boyne Falls.....	Aug. 7	800
Clare county:				
Bass Lake.....	Arthur.....	F. A. Fowler, Chicago, Ill.....	Aug. 14	1,200
Clinton county:				
Round Lake.....	Victor.....	Wm. H. Rowley, Laingsburg.....	July 25	1,000
Eaton county:				
Narvon Lake.....		Ezra Huber, Charlotte.....	Aug. 30	750
Gladwin county:				
Pratts Lake.....	Sage.....	Hon. Eugene Foster, Gladwin.....	Sept. 4	750
Ionia county:				
Long Lake.....	Orleans.....	W. B. Connor, Shiloh.....	July 22	1,000
Mud Lake.....	Orleans.....	E. E. Brown, Shiloh.....	July 22	750
Jackson county:				
Fay Lake.....	Norvell.....	Hon. L. W. Watkins, Manchester.....	July 25	1,000
Kent county:				
Duck Lake.....		D. Lydell, Comstock Park.....	Aug. 17	1,000
Pickereel Lake.....		A. C. House, Belmont.....	Oct. 22	2,000
Leelanau county:				
South Barr Lake.....	Empire.....	Jas. Daly, Empire.....	Aug. 31	1,000
Glen Lake.....	Empire.....	D. H. Day, Glen Haven.....	Aug. 31	1,750
Davis Lake.....	Kasson.....	Wm. Sattler, Empire.....	Aug. 31	1,000
Carp or Leelanau Lake.....	Leland.....	Frauk H. Blackledge, Indianapolis, Ind.....	Aug. 31	1,000
Lenawee county:				
Southworth Pond.....	Raisin.....	H. D. Roff, Adrian.....	July 13	750
Manistee county:				
Portage Lake.....	Onekama.....	Hans A. Wendel, Onekama.....	Aug. 15	1,200
Mecosta county:				
Moiles Lake.....	Sheridan.....	W. T. Laffin, Barryton.....	Aug. 23	1,200

TWENTIETH REPORT—STATE FISHERIES.

Monroe county:				
Raisin River.....	Dundee.....	J. F. Berg, Dundee.....	Aug. 17	1,200
Montcalm county:				
Butternut Lake.....	Pierson.....	B. S. Davenport, Grand Rapids.....	Aug. 23	1,000
Pickereel Lake.....	Bushnell.....	Bert Goodsell, Vicksburg.....	Aug. 24	1,200
Baldwin Lake.....	Eureka.....	T. I. Phelps, Greenville.....	Aug. 24	1,000
Horseshoe Lake.....	Fairplains.....	H. H. Decker, Shiloh.....	July 22	750
Big Spruce Lake.....	Maple Valley.....	John A. Freeman, Coral.....	July 22	750
Cody Lake.....	Maple Valley.....	John A. Freeman, Coral.....	July 22	750
Duck Lake.....	Maple Valley.....	John A. Freeman, Coral.....	July 22	750
Newaygo county:				
Boblist Lake.....	Grove.....	B. S. Davenport, Pierson.....	July 11	2,000
Oakland county:				
Lake Orion.....	Orion.....	Lake Orion Summer Homes Co., Detroit.....	July 13	1,000
Crawford Lake.....	Bloomfield.....	Hugh Chalmers, Detroit.....	Aug. 30	750
Green Lake.....	West.....	Walter E. Chalmers, Orchard Lake Sta.....	July 17	300
Wingate Lake.....	Waterford.....	Mr. Caulkins, Grand Rapids.....	Aug. 18	600
Loon Lake.....		Mich. Fish Commission.....	Sept. 19	1,000
Oceana county:				
Round Lake.....	Golden.....	F. A. Tart, Mears.....	July 19	1,000
Morris Lake.....	Golden.....	F. A. Tart, Mears.....	July 19	1,000
Halberg Lake.....	Golden.....	F. A. Tart, Mears.....	July 19	1,000
Ogemaw county:				
Lake George.....	Hill.....	E. L. Holliday, Lupton.....	Aug. 2	1,000
Presque Isle county:				
Grand Lake.....	Crapo and Presque.....	N. A. Eddy, Bay City.....	Aug. 2	2,000
St. Joseph county:				
Sweet Lake.....		S. E. Williams, Sturgis.....	Oct. 16	500
Hainey Lake.....		S. E. Williams, Sturgis.....	Oct. 16	500
Fish Lake.....	Sherman.....	Jas. R. Smith, Burr Oak.....	Oct. 26	500
Burr Oak Lake.....	Sherman.....	Jas. R. Smith, Burr Oak.....	Oct. 26	500
Saginaw county:				
Saginaw River.....		W. S. Linton, Saginaw.....	Aug. 2	400
Tuscola county:				
Harmon Lake.....	Dayton.....	Marshall I. Lewis, Mayville.....	Aug. 2	1,000
Van Buren county:				
Lake Eleven.....	Columbia.....	Chas. H. Holmes, Beriamont.....	July 12	750
Lake Fourteen.....	Columbia.....	L. J. Godfrey, Beriamont.....	July 12	750
Brandywine Lake.....	Pine Grove.....	Earl Hudson, Pine Grove.....	July 12	750
Lake of the Woods.....	Decatur.....	Wilton E. Knoll, Decatur.....	July 12	750

TWENTIETH REPORT—STATE FISHERIES.

Perch Plants, 1912.—Concluded.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Wayne county:				
Eloise Pond.....	Nankin.....	Dr. J. J. Marker, Eloise.....	July 13	750
Huron River.....	Van Buren.....	A. E. Smith, Belleville.....	July 13	750
Coomer Lake.....	Van Buren.....	A. E. Smith, Belleville.....	July 13	750
Total.....				61,425

PERCH PLANTS, 1912.
YEARLINGS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Genesee county:				
Long Lake.....	Fenton.....	Chas. Leal, Fenton.....	July 3	125
Livingston county:				
Morgan Lake.....	Putnam.....	A. F. Morgan, Pinckney.....	July 3	150
Oakland county:				
Orchard Lake.....	West Bloomfield.....	F. S. Campbell, Detroit.....	July 3	225
Harback Lake.....	Holly.....	F. J. Hoffman, Fenton.....	July 3	75
Wilson Lake.....	Holly.....	D. H. Colwell, Fenton.....	July 3	75
Dickson Lake.....	Holly.....	Chas. E. Rolland, Fenton.....	July 3	75
Shiawassee county:				
Agenen Lake.....	Antrim.....	Edwin Shelp, Bancroft.....	July 3	100
Total.....				825

SUNFISH AND BLUEGILL PLANTS, 1912.
FINGERLINGS.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Benzie county:				
Big Platte Lake.....	Benzon and Lake.....	W. B. Covey, Honor.....	Sept. 18	300
Oakland county:				
Parkinson Lake.....	Independence.....	John Parkinson, Pontiac.....	July 16	800
Loon Lake.....	Waterford.....	Mich. Fish Commission.....	Sept. 19	1,000
Total.....				2,100

SMELT EGGS, 1912.

County and name of water.	Township.	Applicant or depositor.	Date.	Number.
Antrim county:				
Torch Lake.....	Several.....	Michigan Fish Commission, Detroit.....	April 4	6,000,000
Benzie county:				
Crystal Lake.....	Several.....	Michigan Fish Commission, Detroit.....	April 6	16,400,000
Total.....				22,400,000

TOTALS OF PLANTS FOR THE YEAR 1912.

Brook Trout, Fry.....	7,351,000
Brook Trout, Yearlings and Two-year Olds.....	13,000
Brook Trout, Fry and Advanced Fry.....	1,034,500
Rainbow Trout, Fingerlings.....	2,000
Rainbow Trout, Two-year Olds.....	12,000
German Brown Trout, Fry.....	303,000
Lake Trout, Fry.....	2,500,000
Small Mouth Black Bass, Fingerlings.....	72,000
Small Mouth Black Bass, Two-year Olds.....	71,100
Large Mouth Black Bass, Advanced Fry.....	3,149,500
Large Mouth Black Bass, Fingerlings.....	321,050
Large Mouth Black Bass, Yearlings.....	1,000
Perch, Fry.....	21,440,000
Perch, Fingerlings.....	61,425
Perch, Yearlings.....	2,100
Sunfish and Bluegills, Fingerlings.....	22,400,000
Smelt Eggs.....	

SUMMARY OF FISH COMMISSION PROPERTY.

(Including lands, buildings, ponds, dams, raceways, water rights, tools, apparatus, furniture, machinery, permanent equipment and all state property in the custody of the Board. Itemized inventory filed with Auditor General, Lansing, also on file at office of the Board, Detroit.)

Paris Station, Mecosta County.....	\$26,683 59
Sault Station, Chippewa County.....	12,008 19
Mill Creek Station, Kent County.....	22,304 26
Harris Station, Westford County.....	13,914 69
Detroit Plains Station, Oakland County.....	13,915 50
Detroit Station, Wayne County.....	9,395 50
Office, Detroit.....	1,467 57
Total.....	\$90,689 29

FINANCIAL STATEMENT.

CURRENT EXPENSES.

		Year ending June 30, 1911.	
1910.			
July 1	Balance on hand.....	\$1,184 89	
	Received from State during quarter.....	8,749 98	\$9,685 70
	Vouchers paid during quarter.....		249 17
Sept. 30	Balance.....		\$9,934 87
1910.			
Oct. 1	Balance on hand.....	\$249 17	
	Received from State during quarter.....	2,916 66	
	Loan from Peninsular State Bank.....	5,000 00	
	Refund from John Peepes, Jr.....	29	
	Refund from D. H. Power.....	18	
	Vouchers paid during quarter.....		7,334 39
Dec. 31	Balance.....	\$8,166 30	\$8,166 30
1911.			
Jan. 1	Balance on hand.....	\$831 91	
	Received from State during quarter.....	11,666 64	
	Refund from D. H. Power.....	18	
	Vouchers paid during quarter.....		7,794 45
Mar. 31	Overdrawn at end of quarter.....	295 72	5,000 00
1911.			
April 1	Overdraft.....	\$12,794 45	
	Received from State during quarter.....		295 72
	Vouchers paid during quarter.....	\$11,666 72	
June 30	Balance.....		10,217 25
			1,153 75
1911.			
July 1	Balance on hand.....	\$11,666 72	
	Received from State during quarter.....	\$1,153 75	
	Refund from W. J. Hunsaker.....	6,916 66	
	Vouchers paid during quarter.....	08	
Sept. 30	Overdraft at end of quarter.....	564 20	\$7,634 69
1911.			
Dec. 31	Overdraft.....	\$7,634 69	
	Received from State during quarter.....	\$2,958 33	564 20
	Loan from Peninsular State Bank.....	5,000 00	
	Refund, Edison Soc Electric Co.....	12 00	
	Vouchers paid during quarter.....		7,376 54
	Balance.....	\$7,970 33	29 59
			\$7,970 33

1912. Jan. 1	Balance on hand.....	\$29 59	
	Received from State during quarter.....	\$14,791 65	\$8,102 40
	Vouchers paid during quarter.....		5,000 00
	Loan paid to Peninsular State Bank.....		1,718 84
Mar. 31	Balance.....		\$14,821 24
1912. April 1	Balance on hand.....	\$1,718 84	
	Received from State during quarter.....	5,874 99	
	Refund from American Pump Co.....	1 36	
	Vouchers paid during quarter.....		11,116 35
June 30	Overdraft at end of quarter.....	*521 16	
		\$11,116 35	\$11,116 35
	SPECIAL PURPOSES.		
	Year ending June 30, 1911.		
1910. July 1	Balance on hand.....	\$378 39	
	Received from State during year.....	3,200 00	
	Vouchers paid during year.....		2,678 86
1911. June 30	Balance.....	\$3,575 39	901 53
			\$3,575 39
	Year ending June 30, 1912.		
1911. July 1	Balance on hand.....	\$901 53	
	Received from State during year.....	3,000 00	
	Vouchers paid during year.....		3,259 69
1912. June 30	Balance.....	\$3,901 53	641 84
			\$3,901 53

(*Due from State, one-twelfth of current appropriation for year ending June 30, 1912, \$2,958.33, to meet overdraft and liabilities incurred prior to June 30.)

A DEFENSE OF THE HUMBLE DOGFISH.

BY GEO. W. MILES, COMMISSIONER OF FISHERIES AND GAME FOR THE STATE OF INDIANA.

When the white man first came into the Western country, bringing with him the pride of his modern civilization, he found the lakes and streams swarming with splendid game fishes. Bass there were in such great numbers that, though they were of size and strength to make them respectable, the taking of them was hardly considered proper sport, its accomplishment was so easy. There were pike and pickerel of weights up to twenty pounds and more, and sometimes unscalonge still larger, to test his tackle and his skill, and these did he prefer to pursue, their capture being more in keeping with his estimate of his own dignity and prowess. All these were admitted to his table and proudly offered to his guests, not because of the superior excellence of their flavor (which was excellent indeed) but because of the vanity of the master of the household, whose sportmanship was thus best exploited.

Bluegills, crappies, bullheads, perch and other humbler fishes were there also in these lakes and streams in countless numbers, created to be caught by the women and children (and probably intended to be eaten that their joy in the catching of them might not be marred), and these, too, were admitted to the table on ordinary occasions, always to the humbling of the pride of the master of the household, however, who never failed to apologize for the presence of them if a guest were at the board.

Now, as the early Hoosiers would have said, "betwixt and between" there was another fish in which the waters also abounded, and in which they abound even to this day, which, though its size would have entitled it to respect, was so utterly stupid that no man of the time with a drop of sportsman's blood in his veins could feel any pride in pursuing it, while, on account of its great strength, it was much in disfavor with the children, whose precious hooks and lines it innocently broke or made off with. And the fates had been unfair enough to give to it the name of dogfish, for no reason that any scientist living or dead could ever explain. And for the reasons I have given, the dogfish was despised, and its flesh remained untasted.

For the reasons I have given, and for still another reason. The Indians ate them; the Indians ate dogs, too—and there was the name; Ugh. In truth, the Indians probably ate them for the very best reason in the world—that they are good to eat. But they made use of them almost to the exclusion of the other varieties I have mentioned, possibly not because they preferred them, but because they could secure them more easily than they could the others; for, you know, an Indian never fails to follow the lines of least resistance. I have told you of the dogfish's stupidity. He will bite at any sort of a bait, be it alive or dead, large or small, and get himself fastened on any kind of device; or

he will lie still in shallow water until you slip a noose around his neck and pull him out. And so the Indians could get him easily, while it was difficult for them, without fish hooks or spears or nets as they were, to secure any other fish.

Did you ever see an Indian cook anything? If you did, I warrant you had no stomach for food of that same kind for many a day thereafter, while the memory of their culinary process remained acute. I cannot tell you how they cooked dogfish, and I would not if I could, for I want that it shall be forever forgotten, as I shall show you before I am through. But I have been told how they cook a dog—and so have you, I doubt not.

And so the poor dogfish, for no fault of his own, was placed under the ban as an outcast, despised by all members of society, and no person who had any care for his good name or reputation dared taste of the flesh of one. There were a few, just one now and then, who defied the good opinion of their neighbors and ate of them, and every one of these always therefore stoutly defended them as being of fine flavor, but his opinion was ignored as unworthy of attention. Children were taught at their mothers' knees that if they would keep their good names and hold honored places in society they must not eat dogfish! All men and women in Indiana and her neighboring States have grown up with this prejudice imbedded deep within them, so that if you ask any one of them if dogfish is good to eat he will rather question your sanity than answer you with a simple "no." And to ask him if he ever tasted of the flesh of one is to insult him. "Would he so far forget his place in life as to do such a disreputable thing! (But let me tell you, in confidence—I know a lot of proud Hoosiers who would be deeply wounded if you asked them such a question, who have feasted on dogfish and praised it most highly; but they didn't know what kind of fish it was when they ate it. And I am not going to tell you who they are).

The foolish and erroneous prejudice against the dogfish has influenced every grade of society. Even David Starr Jordan, whose name all Indians love to honor, who knew everything about all the fishes of the lakes and the seas (everything that a scientist could know, but a scientist cannot know what fish is best to eat one whit better than can you or I), who calls them bowfish, and says that they belong to the family of Amidae (whatever that has to do with it), that they have partially developed lungs and can breathe the air a little, and therefore live longer out of water than any other fish, that the one that has the spot on its tail is the male and is smaller than the female, and gives us much more valuable and interesting information about them, gratuitously adds that they are called dogfish "because even the dogs will not eat them." He even quotes Dr. Kirland as having said that in some places they were called the lawyer fish, because "they will bite at anything and are good for nothing when caught." And he further defames them by saying: "The flesh of the species is very watery, pasty, much of the substance evaporating when exposed to the air. It is ill-flavored, and is not often used as food."

Now, I am willing to lay a wager that Dr. Jordan never tasted the flesh of a dogfish in all his life. His position in society is sufficient evidence of that. If it were not, the falsity of his statements would be

for he was an honorable man and would not have said its flesh was ill-flavored if he had eaten of one. He simply had the old prejudice born and bred into him, and it led him unwittingly into error.

Mr. Wm. T. Hornaday, the director of the New York zoological park, has written a book on natural history, and he also gives much interesting information about the dogfish. He says of it: "To naturalists the dogfish is a creature of much interest. Like the prong-horned antelope, it is so unique and peculiar that it has been necessary to create for it a grand division of classification which it occupies all alone. The antelope is only a Family, but this fish is a whole Order. Its other English names are Mudfish, Bowfish, Grindle and Lawyer, and since Linnaeus christened it *Aminacalva*, in 1766, eleven other naturalists have given it eleven other names in Latin.

"The dogfish has an air-bladder that is divided into cells and is a half-developed lung. At intervals it ascends to the surface of the water, gulps down a mouthful of air, just as a turtle does, and descends again. If hindered from rising when the time comes to take in a supply of fresh air, the fish struggles violently like a mammal about to be drowned; but it can expel air below the surface. This characteristic indicates that lungs were first developed in fishes from modifications of their air-bladders." For all of which we thank Mr. Hornaday. But why should he leave off talking, as a scientist, about things he knew very well, no doubt, to tell us, in an unscientific way, what he knew nothing at all about, that "save to the negroes of the South its flesh is quite unpalatable and valueless as food?" Another case of false training in youth. For again, I will wager that Mr. Hornaday never tasted the flesh of a dogfish, unless he thought it was that of a catfish or pickerel. And if he ever did that, I will wager again that he declared the flavor of it to be splendid, just as many other good people have done when they were similarly deceived. Anyhow, we don't need a scientist to tell us whether the flesh of a fish has a good flavor, or whether it has not.

I never yet have known anybody, neither a negro of the South, or a white man of the North, that has eaten of the flesh of a dogfish that has been properly dressed and cooked, but admitted the flavor of it to be as fine as that of a bass or of a pickerel, which latter it much resembles; though I have known of a great many epicurean people doing this who would not have eaten of it at all if they had known it was dogfish. The only ones I have found who have told me that dogfish were not good to eat have been those who have never tasted of them.

Now, all the lakes and streams in Indiana abound in these beautiful fish, and if people made common use of them, as they ought to do, and as they do of bass, pickerel, catfish, sunfish and perch, the flesh of neither one of which has any better flavor than has theirs, the value of our waters as food producers will be greatly augmented.

Wherefore, let me beg of every citizen of the State who has never eaten of dogfish (or who doesn't know it if he has), but has always believed them to be unfit for food because about everybody else seemed to think they were, that he lay aside his prejudice long enough to give the matter at least one honest test.

Before you do this, though, I beg of you that you let me advise you

carefully as to how the fish should be dressed and made ready for cooking, for I would have the test a fair one, otherwise the fish may be condemned on account of its not having been properly prepared, and for no fault of its own. Not that any particular method is necessary for the preparation of this particular fish, but a dogfish is large and his body is round and thick, and if the dressing be not properly done, the pieces of his flesh will not cook through, and rare fish of any kind is an abomination.

Many people have told me that they liked small bass but not large ones, which they asserted tasted "mossy." I knew that the large bass was improperly dressed, otherwise, with similar cooking, its flavor would have been exactly the same as that of the small one. Others have said they disliked pickerel or pike. There is no finer fish in any of our waters than these. They are just about as good as dogfish. But the bodies of them are likewise round and thick, and they cannot be properly cooked if the skins be left on them and the "backbones" be left inside them. And the same thing is true of all large fish, including carp, which, when properly prepared, are very, very much better than you have ever given them credit for being.

But to return to our dogfish: First take the skin off him. It is thick and tough and his flesh cannot be well cooked through it. You can do it more easily than you can take off his scales, in the following manner:

With a sharp pocket knife rip his hide down the belly and back from the head to the tail. Now tack his tail fast to the board, cut the skin around the tail and start it with your knife until you can grasp it with a pair of pincers; then pull steadily, following along and parting the skin from the flesh lightly with a knife, as though you were skinning a muskrat or other fur-bearing animal. Draw the nails, turn the fish over and repeat the process on the other side. Now cut off the head and tail and remove the entrails. The body of the fish, solid and firm and of a reddish color, much like that of a catfish, will appear appertaining to you. Next lay it down on the board, belly uppermost, and with your knife separate the ribs from the "backbone," cut the flesh free from this bone and take it entirely out. You will now have all the valuable flesh of the fish in two slabs which, when washed and cut into pieces of the proper size, will be ready for the frying pan.

In this frying pan have fat enough so that these pieces will almost float, and fry much as you do doughnuts. Have it good and hot when the pieces, first coated with flour or corn meal, are dropped into it, and keep it thus until they are fried nearly as brown as doughnuts. Then with a fork lift them up, allowing the hot fat to drain from them, and serve.

I have advised the skinning of a dogfish from the tail toward the head, because the skin of it, which adheres rather tenaciously to the flesh, is more easily removed that way than if pulled from the head downward. The same is true of a pike or a pickerel, on which the skin also sticks hard to the flesh. Neither of these fish should ever be cooked with the skin on it. Bass, crappies, bluegills, sunfish and perch may be skinned easily, and the flavor of every one of them will be greatly improved if it is skinned before being cooked. But whether it be skinned or not,

any fish weighing more than a pound should have the "backbone" removed from it before it is fried.

Now, while I am perfectly sure that Dr. Jordan never ate of a dogfish, or at least of a dogfish that was properly cooked, he having furnished conclusive evidence of that, I am not quite certain that he never dissected one, so that he thought himself familiar with the texture of the flesh of them, though I hardly think he did.

I have never net seen one of them, the flesh of which was "watery," pasty, much of the substance evaporating when exposed to the air," but it is just possible he may have done so, for I have it on authority of others who have dressed them, that on rare occasions one of them is found that is, as they describe it to me, "rather soft, or mushy." What is the cause of this I am unable to say. But if this is all the evil that can truthfully be charged to the dogfish, I shall continue to regard him with much respect. I need not advise you that, should you ever find one, the flesh of which is like this, you simply throw it away, as you would any other food animal that appeared to be in an unhealthy condition.

But I beg of you, that you put away the old prejudice that you have carried with you all your years without reason. Give the dogfish a fair and honest trial. If your verdict be that his flesh is not good, I will abide by it. On the other hand, should you agree with me that it should be eaten, much value will be added to our lakes and streams, for he is easily propagated, and notwithstanding the wantonness with which he has ever been sought out for destruction, his numbers are legion in every water of the State.