

SUMMARY FISHING RECORD
Form 3600-63

Department of Natural Resources

County Oneida	Waters Bear Lake MWBC: 1527800
Sampling Objective Bass & panfish assessment	Number and Locations of Stations (Habitat) Miles Actually Shocked = 2.0 Acres = 312 Total Miles of Shoreline = 4.3 Total Miles of Shockable Shoreline = 4.3
Period Fished (Dates) 05/04/10	Source GPS LM LM LM

GEAR

Boomshocker (Hours) gamefish (entire shoreline) all species (2 half-mile reaches)	1.1 0.3	Time X Night Day
Visual Hours	Time of Day	Haul Seine (Length) Mesh Size Area Covered
Angling (Hours)	Time of Day	Mini fyke (No. of Net) Mesh Size Depth
Minnow Seine (No. of Hauls)	Area Covered	Gill Net (No. of Feet x of Lifts) Mesh Size Depth
Other (Hours or Lifts) Boomshocker(s): 1 Dip Netter(s): 2	Mini-boomshocker(s): Dip Netter(s):	Characteristics Water Temp: 59°F

FISHING RESULTS

Species	No.	Modal Size(s)	Size Range	Catch/Unit
Walleye	5	--	10.5 - 16.5	4.55 /hour 2.50 / mile
Largemouth Bass	32	14.0 - 14.4	9.5 - 19.2	29.09 /hour 16.00 / mile
Smallmouth Bass	4	--	12.5 - 18.8	3.64 /hour 2.00 / mile
Muskellunge	--	none collected or observed		/hour / mile
Northern Pike	10	22.0 - 22.4	18.0 - 28.8	9.09 /hour 5.00 / mile
Bluegill	133	4.0 - 4.4	1.0 - 6.9	443.33 /hour 133.0 / mile
Black Crappie	14	8.0 - 8.4	6.0 - 10.4	46.67 /hour 14.0 / mile
Hybrid Sunfish (BG X PKS)	15	6.0 - 6.4	2.5 - 8.0	50.00 /hour 15.0 / mile
Yellow Perch	2	--	4.0 - 6.4	6.67 /hour 2.0 / mile
Rock Bass	0	none collected, noted on field sheets as present		0.00 /hour 0.0 / mile
Yellow Bullhead	12	8.0 - 8.9	7.5 - 7.9	40.00 /hour 12.0 / mile
Iowa Darter	2	--	2.0 - 2.4	6.67 /hour 2.0 / mile
Golden Shiner	4	--	4.0 - 6.9	13.33 /hour 4.0 / mile
Bluntnose Minnow	3	--	2.0 - 2.4	10.00 /hour 3.0 / mile

OBSERVATIONS

1) Mortality: None.	2) Weather: Mostly cloudy, rainy	3) Reliability: High
4) Stocking: Lake District: 983 7-inch walleye, 10/21/2009	5) Adverse Conditions: Wind, Rain	
6) Comments: surveyed half the shoreline before wind and rain kicked up and we had to quit.		
Signed (Compiler) John Kubisiak	Date 06/10/10	



WISCONSIN DNR
FISHERIES INFORMATION SHEET

LAKE: Bear Lake

COUNTY: ONEIDA

YEAR: 2010

The Department of Natural Resources surveyed Bear Lake, Oneida County with a boomshocker on May 4, 2010 as part of a bass and panfish survey. Bear Lake is a soft water spring lake with a surface area of 312 acres, 4.3 miles of shoreline and a maximum depth of 20 feet.

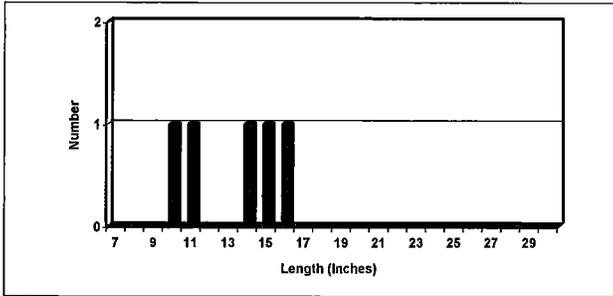


Figure 1. Length frequency distribution of 5 walleye captured during a survey of Bear Lake, Oneida County, 5-4-2010

Walleye

We captured 5 walleye. The largest walleye was 16.5 inches in length.

Largemouth and smallmouth bass

Largemouth bass were the most abundant gamefish species in our catch. We captured 32 largemouth bass in Bear Lake, ranging from 9.0 to 19.2 inches in length.

Four smallmouth bass ranged from 12.5 to 18.8 inches.

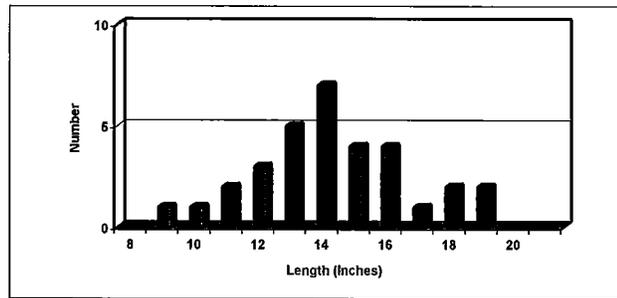


Figure 2. Length frequency distribution of 32 largemouth bass captured during a survey of Bear Lake, Oneida County, 5-4-2010.

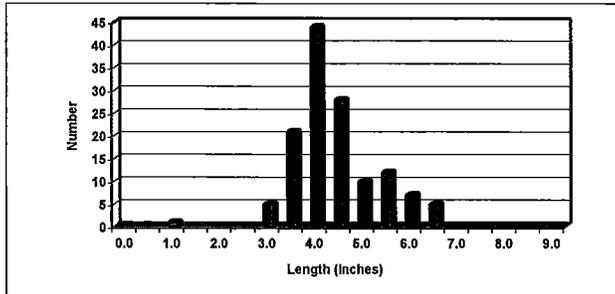


Figure 5. Length frequency distribution of 133 bluegill captured during a survey of Bear Lake, Oneida County, 5-4-2010

Bluegill

Panfish and nongame fishes were only collected along one half-mile reach of shoreline. We captured 133 bluegill, with peak abundance at 4.0 to 4.4 inches and as large as 6.9 inches in length.

Black Crappie

We captured 14 black crappie, ranging from 6.0 to 10.4 inches. Peak abundance was at 8.0 to 8.4 inches.

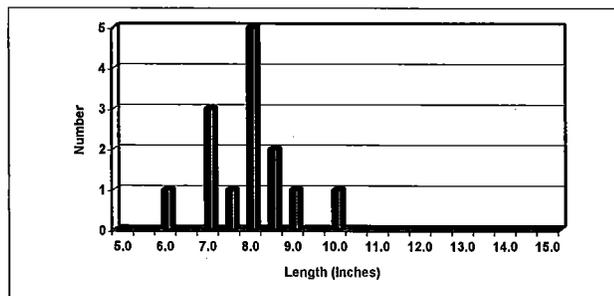


Figure 4. Length frequency distribution of 14 black crappie captured during a survey of Bear Lake, Oneida County, 5-4-2010.

Other Species

We captured 13 species of fish in our electroshocking sample of Bear Lake. In addition to the species listed above, we caught northern pike, bluegill x pumpkinseed hybrids, pumpkinseed, yellow bullhead, yellow perch, Iowa darter, golden shiner and bluntnose minnow.

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MWBCODE: 1527800
 YEAR: 2010
 LAKE: Bear Lake
 COUNTY: ONEIDA

Crew: Timler
 Kubisiak
 Nelson

Walleye		Smallmouth Bass		Largemouth Bass		Northern Pike		Black Crappie	
Length Interval	Number	Length Interval	Number	Length Interval	Number	Length Interval	Number	Length Interval	Number
7		<6		<6				0.0	
8		7		7				0.5	
9		8		8		9		1.0	
10	1	9		9	1	10		1.5	
11	1	10		10	1	11		2.0	
12		11		11	2	12		2.5	
13		12	1	12	3	13		3.0	
14	1	13		13	5	14		3.5	
15	1	14		14	7	15		4.0	
16	1	15		15	4	16		4.5	
17		16	1	16	4	17		5.0	
18		17		17	1	18	2	5.5	
19		18	2	18	2	19	2	6.0	1
20		19		19	2	20	1	6.5	
21		20		20		21	1	7.0	3
22		21		21		22	2	7.5	1
23		22		22		23	1	8.0	5
24		23		23		24		8.5	2
25		24		24		25		9.0	1
26		25+		25+		26		9.5	
27						27		10.0	1
28						28	1	10.5	
29						29		11.0	
30+						30		11.5	
						31		12.0	
						32		12.5	
						33		13.0	
						34		13.5	
						35+		14.0	
								14.5	
								15.0	
Total	5	Total	4	Total	32	Total	10	Total	14

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Yellow Perch		Bluegill		Pumpkinseed		Yellow Bullhead		hybrid BG X PKS	
Length Interval	Number								
0.0		0.0		0.0		0.0		0.0	
0.5		0.5		0.5		0.5		0.5	
1.0		1.0	1	1.0		1.0		1.0	
1.5		1.5		1.5		1.5		1.5	
2.0		2.0		2.0		2.0		2.0	
2.5		2.5		2.5		2.5		2.5	1
3.0		3.0	5	3.0		3.0		3.0	1
3.5		3.5	21	3.5	1	3.5		3.5	1
4.0	1	4.0	44	4.0		4.0		4.0	1
4.5		4.5	28	4.5		4.5		4.5	
5.0		5.0	10	5.0	1	5.0		5.0	1
5.5		5.5	12	5.5	1	5.5		5.5	
6.0	1	6.0	7	6.0		6.0		6.0	3
6.5		6.5	5	6.5		6.5		6.5	2
7.0		7.0		7.0		7.0		7.0	2
7.5		7.5		7.5		7.5	1	7.5	2
8.0		8.0		8.0		8.0	5	8.0	1
8.5		8.5		8.5		8.5	5	8.5	
9.0		9.0		9.0		9.0	1	9.0	
9.5		9.5		9.5		9.5		9.5	
10.0		10.0		10.0		10.0		10.0	
10.5		10.5		10.5		10.5		10.5	
11.0		11.0		11.0		11.0		11.0	
11.5		11.5		11.5		11.5		11.5	
12.0		12.0		12.0		12.0		12.0	
12.5		12.5		12.5		12.5		12.5	
13.0		13.0		13.0		13.0		13.0	
13.5		13.5		13.5		13.5		13.5	
14.0		14.0		14.0		14.0		14.0	
14.5		14.5		14.5		14.5		14.5	
15.0		15.0		15.0		15.0		15.0	

Total	2	Total	133	Total	3	Total	12	Total	15
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Other species

Observed	count	lengths
bluntnose minnow	3	2.0-2.4
golden shiner	4	4.0-6.9
iowa darter	2	2.0-2.4

rock bass 1 observed but not collected