

SUMMARY FISHING RECORD  
Form 3600-63

Department of Natural Resources

County Oneida	Waters Katherine Lake MWBC: 1543300
Sampling Objective Walleye assessment	Number and Locations of Stations (Habitat)
Period Fished (Dates) 05-May-2011	Miles Actually Shocked = 8.0 Acres = 590 Total Miles of Shoreline = 10.7 Total Miles of Shockable Shoreline = 10.7
	Source GPS LM LM LM

**GEAR**

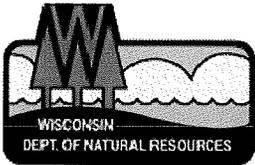
Boomshocker (Hours) gamefish (4 two-mile reaches) 3.2 all species (2 half-mile reaches) 1.1	Time X Night Day			
Visual Hours	Time of Day	Haul Seine (Length)	Mesh Size	Area Covered
Angling (Hours)	Time of Day	Mini fyke (No. of Net)	Mesh Size	Depth
Minnow Seine (No. of Hauls)	Area Covered	Gill Net (No. of Feet x of Lifts)	Mesh Size	Depth
Other (Hours or Lifts) Boomshocker(s): 2 Dip Netter(s): 2	Mini-boomshocker(s): Dip Netter(s):	Characteristics Water Temp: 48		

**FISHING RESULTS**

Species	No.	Modal Size(s)	Size Range	Catch/Unit	
Walleye	589	11.8	7.0 - 27.5	185.03 /hour	73.63 / mile
Largemouth Bass	28	13.3	7.5 - 19.3	8.80 / hour	3.50 / mile
Smallmouth Bass	84	12.5	8.0 - 17.9	26.39 /hour	10.50 / mile
Muskellunge	5	-	26.0 - 43.4	1.57 /hour	0.63 / mile
Northern Pike	0	-		0.00 /hour	0.00 / mile
Yellow perch	70	3.75, 7.25	2.0 - 9.9	61.76 /hour	35.00 / mile
Bluegill	67	6.50	3.5 - 7.9	59.12 /hour	33.50 / mile
Rock bass	19	6.8	5.0 - 8.4	16.76 /hour	9.50 / mile
Black crappie	2	-	7.5 - 8.9	1.76 /hour	1.00 / mile
White sucker	25	16.8	3.0 - 20.2	22.06 /hour	12.50 / mile
Shorthead redhorse	1	-	19.6 - 19.6	0.88 /hour	0.50 / mile
Bluntnose minnow	8	-	1.5 - 3.1	7.06 /hour	4.00 / mile
Johnny darter	1	-	1.9 - 1.9	0.88 /hour	0.50 / mile

**OBSERVATIONS**

1) Mortality: None.	2) Weather: overcast, mild	3) Reliabilty: High
4) Stocking: None.	5) Adverse Conditions: None.	
6) Comments: collected all gamefish along 4 two-mile stations and included all species along 4 1/2-mile substations.		
Signed (Compiler)	John Kubisiak	Date 11/21/11



**WISCONSIN DNR  
FISHERIES INFORMATION SHEET**

**LAKE:** Katherine

**COUNTY:** Oneida

**YEAR:** 2011

The Department of Natural Resources surveyed Katherine Lake, Oneida County with 2 boomshockers on May 5, 2011. The survey was timed to target spawning walleye. Katherine Lake is a seepage lake with very soft water, a surface area of 590 acres, 10.7 miles of shoreline and a maximum depth of 32 feet.

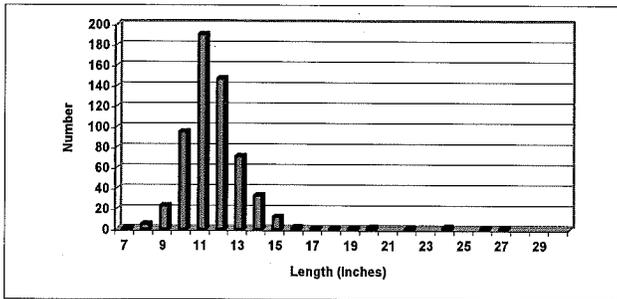


Figure 1. Length frequency distribution of 589 walleye captured during a survey of Katherine Lake, Oneida County, May 5, 2011.

**Walleye**

Walleye were still spawning in shallow water on May 5. They were the most abundant species with 589 captured (66% males, 22% females and 13% unknown-gender). The largest walleye was a 27.5 inch female.

**Largemouth bass**

We captured 28 largemouth bass in Katherine, centered on 3.25 and ranging from 7.5 to 19.3 inches in length.

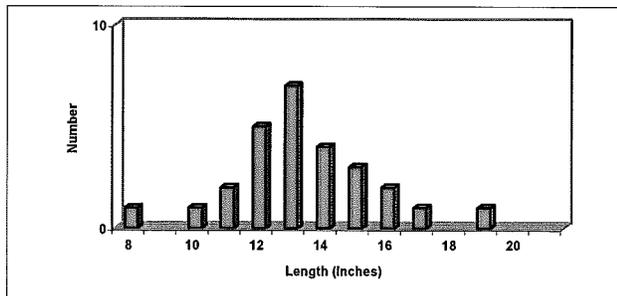


Figure 2. Length frequency distribution of 27 largemouth bass captured during a survey of Katherine Lake, Oneida County, May 5, 2011.. One additional fish was less than 8 inches in length.

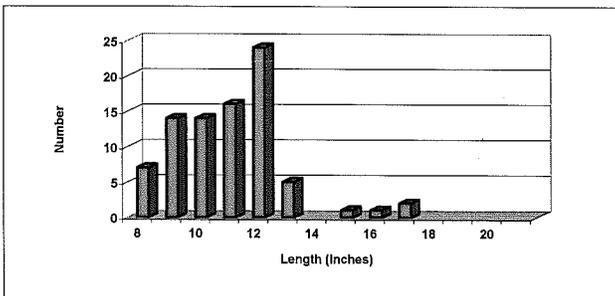


Figure 3. Length frequency distribution of 84 smallmouth bass captured during a survey of Katherine Lake, Oneida County, May 5, 2011.

**Yellow perch**

We captured 70 yellow perch with peak abundances at 3.75 and 7.25 inches. Only 1 perch exceeded 8.5 inches.

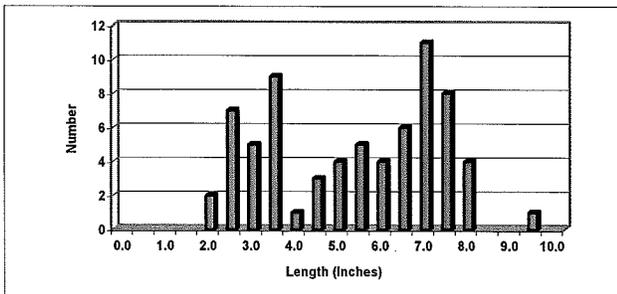


Figure 4. Length frequency distribution of 70 yellow perch captured during a survey of Katherine Lake, Oneida County, May 5, 2011.

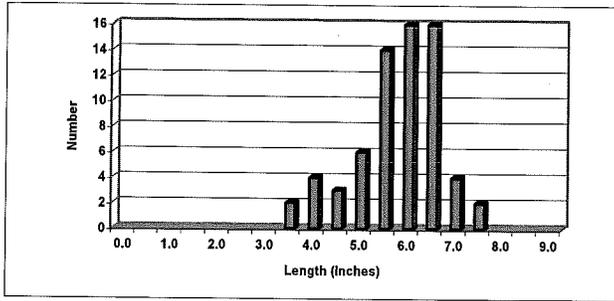


Figure 5. Length frequency distribution of 67 bluegill captured during a survey of Katherine Lake, Oneida County, May 5, 2011.

### **Bluegill**

We captured 67 bluegill in Katherine Lake. Most of the fish were 5.5 to 7 inches, with a few 7 to 8-inch fish.

### **Other Species**

We captured 12 species of fish in our electroshocking sample of Katherine Lake. In addition to the species listed above, we caught 5 muskellunge (26 - 43.4 inches), 19 rock bass, 2 black crappie, 25 white sucker, 1 shorthead redhorse, 8 bluntnose minnow and 1 johnny darter. Schools of bluntnose minnow were abundant along some reaches, but most of them were small enough to slip through the 3/8-inch mesh dipnets.

John Kubisiak, Fisheries Biologist  
 Wisconsin Department of Natural Resources  
 107 Sutliff Avenue  
 Rhinelander, WI 54501  
 (715) 365-8919  
 Email: JohnF1.Kubisiak@wisconsin.gov

MWBCODE: 1543300

Crew: Timler Matzke

YEAR: 2011

Kubisiak Shucha

LAKE: Katherine

Hagstrom Nelson

COUNTY: Oneida

Walleye		Smallmouth Bass		Largemouth Bass		Muskellunge	
Length Interval	Number	Length Interval	Number	Length Interval	Number	Length Interval	Number
7	1	<6		<6		9	
8	5	7		7	1	10	
9	23	8	7	8	1	11	
10	95	9	14	9		12	
11	190	10	14	10	1	13	
12	147	11	16	11	2	14	
13	71	12	24	12	5	15	
14	33	13	5	13	7	16	
15	12	14		14	4	17	
16	2	15	1	15	3	18	
17	1	16	1	16	2	19	
18	1	17	2	17	1	20	
19	1	18		18		21	
20	2	19		19	1	22	
21		20		20		23	
22	1	21		21		24	
23		22		22		25	
24	2	23		23		26	1
25		24		24		27	
26	1	25+		25+		28	
27	1					29	
28						30	
29						31	
30+						32	
						33	
						34	1
						35	
						36	1
						37	
						38	
						39	
						40	
						41	
						42	
<b>Total</b>	<b>589</b>	<b>Total</b>	<b>84</b>	<b>Total</b>	<b>28</b>	43	2
						44	
						45	
						46	
						47	
						48	
						49	
						50	
						<b>Total</b>	<b>5</b>

MWBCODE: 1543300  
 YEAR: 2011  
 LAKE: Katherine  
 COUNTY: Oneida

Crew: Timler Matzke  
 Kubisiak Shucha  
 Hagstrom Nelson

Black Crappie		Yellow Perch		Bluegill		rock bass		white sucker	
Length Interval	Number	Length Interval	Number	Length Interval	Number	Length Interval	Number	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		1.0		1.0		1.0	
1.5		1.5		1.5		1.5		1.5	
2.0		2.0	2	2.0		2.0		2.0	
2.5		2.5	7	2.5		2.5		2.5	
3.0		3.0	5	3.0		3.0		3.0	2
3.5		3.5	9	3.5	2	3.5		3.5	4
4.0		4.0	1	4.0	4	4.0		4.0	
4.5		4.5	3	4.5	3	4.5		4.5	
5.0		5.0	4	5.0	6	5.0	4	5.0	
5.5		5.5	5	5.5	14	5.5		5.5	
6.0		6.0	4	6.0	16	6.0	4	6.0	
6.5		6.5	6	6.5	16	6.5	5	6.5	
7.0		7.0	11	7.0	4	7.0	2	7.0	
7.5	1	7.5	8	7.5	2	7.5	3	7.5	
8.0		8.0	4	8.0		8.0	1	8.0	
8.5	1	8.5		8.5		8.5		8.5	
9.0		9.0		9.0		9.0		9.0	
9.5		9.5	1	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	1
12.0		12.0		12.0		12.0		12.0	1
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	1
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	3
								15.5	1
								16.0	1
								16.5	7
								17.0	2
								17.5	
								18.0	
								18.5	1
								19.0	
								19.5	
								20.0	1
<b>Total</b>	<b>2</b>	<b>Total</b>	<b>70</b>	<b>Total</b>	<b>67</b>	<b>Total</b>	<b>19</b>	<b>Total</b>	<b>25</b>

Other species		
Observed	count	lengths
bluntnose minnow	8	1.5-3.1
johnny darter	1	1.9
shorthead redhorse	1	19.6