

SUMMARY FISHING RECORD
Form 3600-63

Department of Natural Resources

County Vilas	Waters Gunlock Lake MWBC: 1539700
Sampling Objective Bass & panfish assessment	Number and Locations of Stations (Habitat) Miles Actually Shocked = 4.8 Acres = 250 Total Miles of Shoreline = 4.6 Total Miles of Shockable Shoreline = 4.6
Period Fished (Dates) 05/14/12	Source GPS LM LM LM

GEAR

Boomshocker (Hours) gamefish (entire shoreline) 2.7 all species (2 half-mile reaches) 0.6	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 Lifts)	Mesh Size	Depth	
Minnow Seine (No. of Hauls)	Area Covered	Gill Net (No. of Feet x No. 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: 67			

FISHING RESULTS

Species	No.	Modal Size(s)	Size Range	Catch/Unit
Walleye	3	-	17.0 - 22.7	1.13 /hour 0.63 / mile
Largemouth Bass	286	11.7	6.5 - 17.9	107.92 / hour 59.58 / mile
Smallmouth Bass	1	-	11.2 - 11.2	0.38 /hour 0.21 / mile
Muskellunge	3	-	13.0 - 27.9	1.13 /hour 0.63 / mile
Northern Pike	1	-	28.0 - 28.4	0.38 /hour 0.21 / mile
Bluegill	224	6.7	2.0 - 8.4	353.68 /hour 224 / mile
Yellow Perch	13	-	2.0 - 10.4	20.53 /hour 13 / mile
Black Crappie	7	-	4.0 - 10.9	11.05 /hour 7 / mile
Yellow Bullhead	4	-	8.0 - 9.4	6.32 /hour 4 / mile
Pumpkinseed	3	-	6.5 - 7.9	4.74 /hour 3 / mile
Rock Bass	2	-	5.5 - 6.9	3.16 /hour 2 / mile
Bluntnose Minnow	4	-	Not measured	6.32 /hour 4 / mile
White Sucker	3	-	11.0 - 17.9	4.74 /hour 3 / mile
Golden Shiner	1	-	3.5 - 3.9	1.58 /hour 1 / mile
Mottled Sculpin	1	-	2.5 - 2.9	1.58 /hour 1 / mile

OBSERVATIONS

1) Mortality: None.	2) Weather: Mostly cloudy, warm.	3) Reliability: High
4) Stocking: 500,000 walleye fry, spring 2011 (Lac du Flambeau hatchery).	5) Adverse Conditions: None.	
6) Comments: collected all gamefish along the entire shoreline. Collected all species during 2 half-mile index stations.		
Signed (Compiler)	John Kubisiak	Date 10/26/12

Gunlock Lake - spring, 2012



The Department of Natural Resources surveyed Gunlock Lake, Vilas County with a boomshocker on May 14, 2012. Gunlock Lake is a soft water spring lake with a surface area of 250 acres, 4.6 miles of shoreline and a maximum depth of 26 feet. Largemouth bass and bluegill were the target of the survey and they dominated our catch. There has been interest by Shishebogama-Gunlock Lake Association in changing to a harvest-oriented bass regulation and a consistent regulation between the two lakes (which are connected). The current minimum length limits for bass are 18 inches on Gunlock and 14 inches on Shishebogama. Bass growth rates have slowed to where fish are not reaching 14 inches until age 8 or 9, about two years behind the regional average. The tradeoff is that high bass abundance is likely improving the size structure of bluegill and other panfish.

Largemouth bass length-frequency

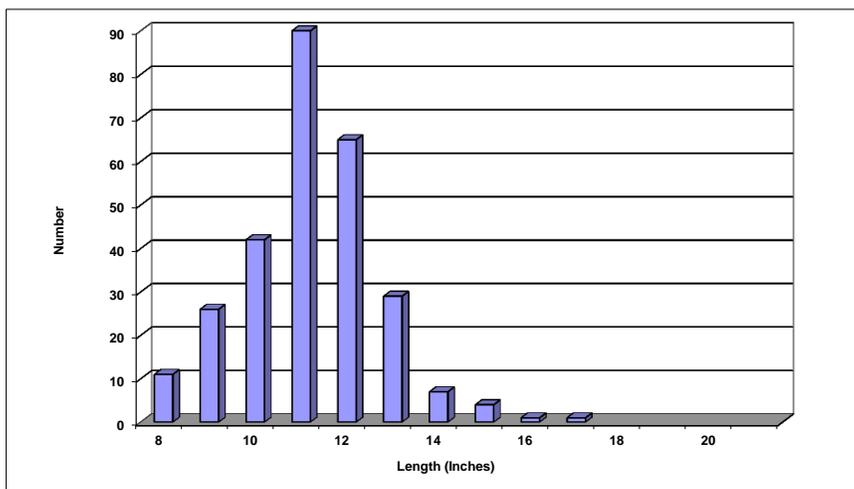


Figure 1. Length-frequency of 276 largemouth bass captured during an electrofishing survey of Gunlock Lake on May 14, 2012. Ten additional largemouth were less than 8 inches in length.

Bluegill length-frequency

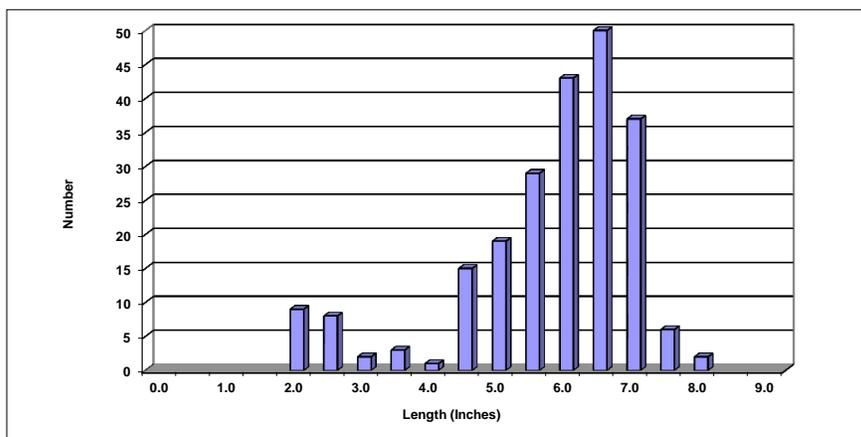


Figure 3. Length-frequency of 224 bluegill captured during an electrofishing survey of Gunlock Lake on May 14, 2012.

MWBCODE: 1539700
 YEAR: 2012
 LAKE: Gunlock
 COUNTY: Vilas

Crew: Timler
 Kubisiak
 Condon

Walleye		Smallmouth Bass		Largemouth Bass		Northern Pike		Muskellunge	
Length Interval	Number	Length Interval	Number	Length Interval	Number	Length Interval	Number	Length Interval	Number
7		<6		<6	4			9	
8		7		7	6			10	
9		8		8	11	9		11	
10		9		9	26	10		12	
11		10		10	42	11		13	1
12		11	1	11	90	12		14	
13		12		12	65	13		15	
14		13		13	29	14		16	
15		14		14	7	15		17	
16		15		15	4	16		18	
17	1	16		16	1	17		19	
18	1	17		17	1	18		20	
19		18		18		19		21	
20		19		19		20		22	
21		20		20		21		23	
22	1	21		21		22		24	1
23		22		22		23		25	
24		23		23		24		26	
25		24		24		25		27	1
26		25+		25+		26		28	
27						27		29	
28						28	1	30	
29						29		31	
30+						30		32	
						31		33	
						32		34	
						33		35	
						34		36	
						35+		37	
								38	
								39	
								40	
								41	
								42	
								43	
								44	
								45	
								46	
								47	
								48	
								49	
								50	
Total	3	Total	1	Total	286	Total	1	Total	3

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Black Crappie		Yellow Perch		Bluegill		Pumpkinseed		Rock Bass	
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	1	2.0	9	2.0		2.0	
2.5		2.5	4	2.5	8	2.5		2.5	
3.0		3.0		3.0	2	3.0		3.0	
3.5		3.5		3.5	3	3.5		3.5	
4.0	1	4.0		4.0	1	4.0		4.0	
4.5	1	4.5		4.5	15	4.5		4.5	
5.0		5.0	1	5.0	19	5.0		5.0	
5.5		5.5	1	5.5	29	5.5		5.5	1
6.0		6.0		6.0	43	6.0		6.0	
6.5		6.5		6.5	50	6.5	1	6.5	1
7.0		7.0	1	7.0	37	7.0	1	7.0	
7.5		7.5		7.5	6	7.5	1	7.5	
8.0		8.0	1	8.0	2	8.0		8.0	
8.5		8.5	2	8.5		8.5		8.5	
9.0	2	9.0	1	9.0		9.0		9.0	
9.5		9.5		9.5		9.5		9.5	
10.0	2	10.0	1	10.0		10.0		10.0	
10.5	1	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	7	Total	13	Total	224	Total	3	Total	2
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Other species		
Observed	count	lengths
Yellow bullhead	4	8.0-9.4
Bluntnose minnow	4	-
White sucker	3	11.0-17.9
Golden shiner	1	3.5-3.9
Mottled sculpin	1	2.5-2.9