





WISCONSIN DNR  
FISHERIES INFORMATION SHEET

LAKE: Pelican Lake

COUNTY: Oneida

YEAR: 2016

The Department of Natural Resources and Sokaogon Chippewa Community surveyed 8 miles of shoreline on Pelican Lake, Oneida County with two boomshockers on 05/24/2016. All gamefish were collected, while panfish and nongame fishes were collected along four half-mile reaches of shoreline. Pelican Lake is a soft water drainage lake with a surface area of 3,585 acres, 13 miles of shoreline and a maximum depth of 39 feet.

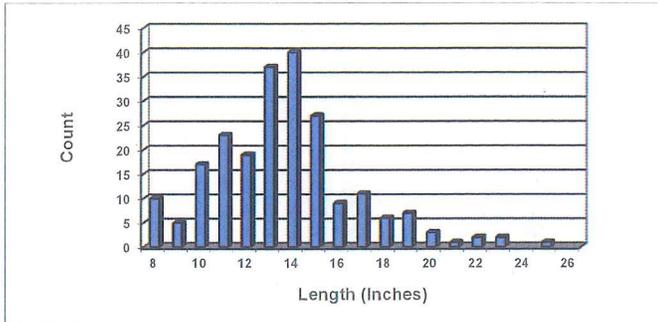


Figure 1. Length frequency distribution of 220 walleye captured during a survey of Pelican Lake, Oneida County, on 05/24/2016. Another 94 walleye were less than 8 inches.

**Walleye**

We captured good numbers of walleye during our survey of Pelican Lake with a total of 314 fish caught. 94 walleye were less than eight inches long (not shown in Figure 1.). Walleye lengths ranged from 4.7 to 25.7 inches. The most common length was 14 inches. The largest walleye was over 25.5 inches in length. The adult walleye population was estimated earlier this spring by Sokaogon Chippewa Community at 17,414, or 4.86 fish per acre.

**Smallmouth bass**

We caught 77 smallmouth bass with the smallest fish measured at 11 inches and the largest fish almost 20 inches long. The most abundant length for smallmouth bass was 11.7 inches.

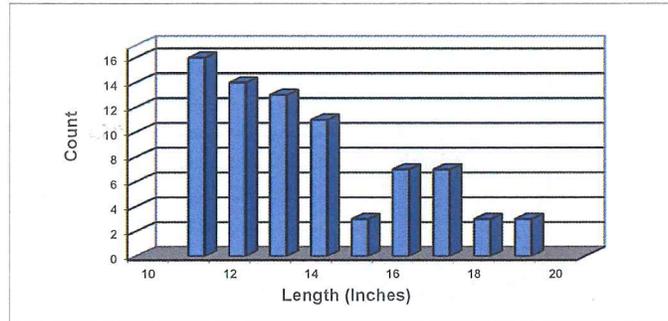


Figure 2. Length frequency distribution of 77 smallmouth bass captured during a survey of Pelican Lake, Oneida County, on 05/24/2016.

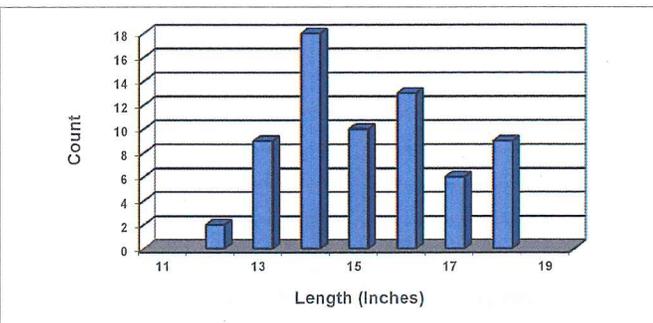


Figure 3. Length frequency distribution of 67 largemouth bass captured during a survey of Pelican Lake, Oneida County, on 05/24/2016.

**Largemouth bass**

We captured 67 largemouth bass in our survey of Pelican Lake. Largemouth bass ranged in length from 12 inches to 18.9 inches. The most abundant length for largemouth bass was the 14 inch category.

**Northern pike**

Northern pike were abundant in our survey with 63 fish caught. Most fish were about 23 inches long, but ranged in length from 9.7 inches to one fish measured at 33.5 inches.

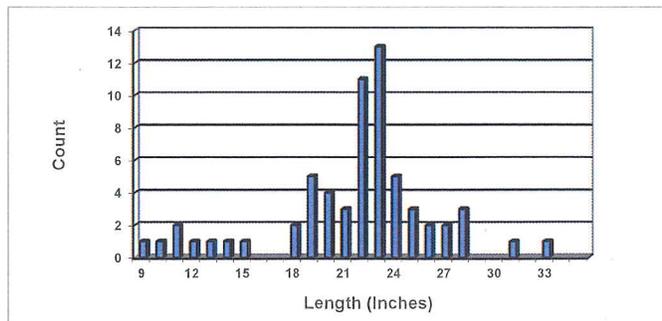


Figure 4. Length frequency distribution of 63 northern pike captured during a survey of Pelican Lake, Oneida County, on 05/24/2016.

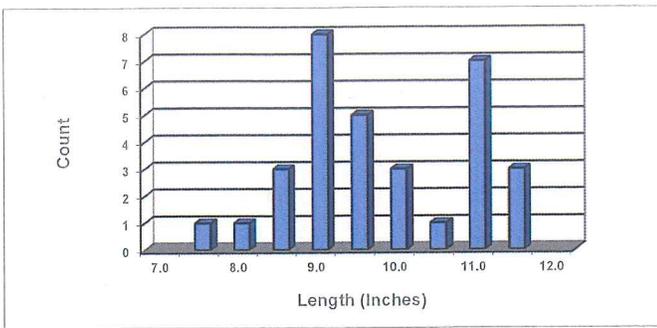


Figure 5. Length frequency distribution of 32 black crappie captured during a survey of Pelican Lake, Oneida County, on 05/25/2016.

**Bluegill**

We captured 134 bluegill with most fish around 5.7 inches long, but ranging in length from 1 to nearly 9 inches.

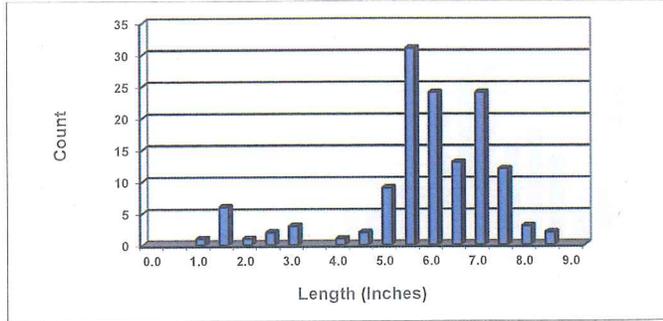


Figure 6. Length frequency distribution of 134 bluegill captured during a survey of Pelican Lake, Oneida County, on 05/24/2016.

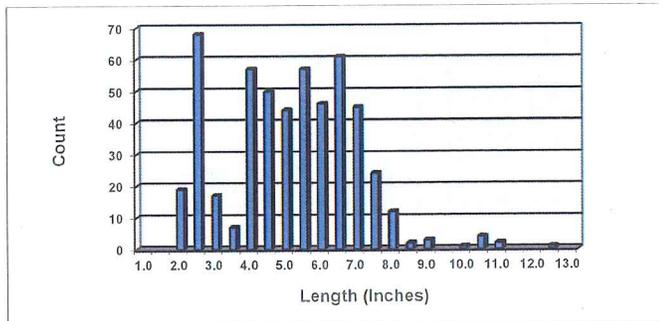


Figure 7. Length frequency distribution of 520 yellow perch captured during a survey of Pelican Lake, Oneida County, on 05/24/2016.

**Yellow perch**

Yellow perch were the most abundant fish we captured with 520 individuals recorded. Yellow perch were scattered between 2 inches to 12.9 inches in length.

**Pumpkinseed**

57 pumpkinseeds ranged from 4 to 7.4 inches in length. The most abundant size for pumpkinseeds was 6.2 inches long.

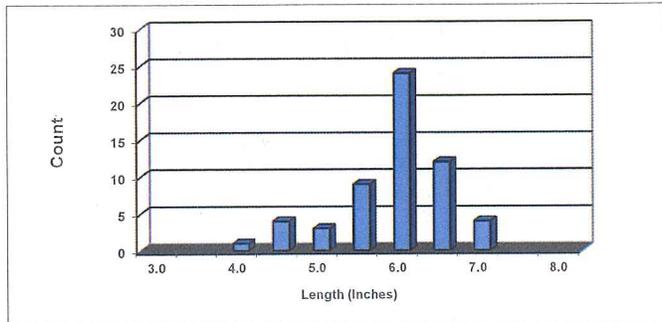
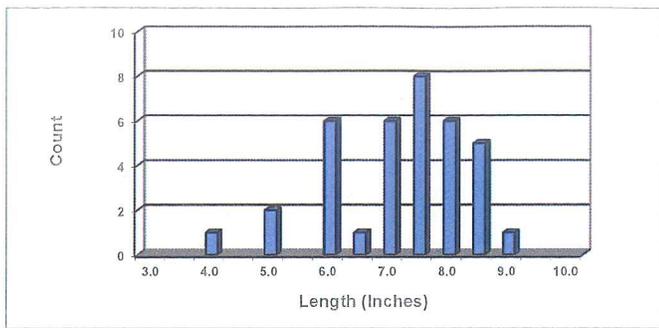


Figure 8. Length frequency distribution of 57 pumpkinseed captured during a survey of Pelican Lake, Oneida county on 05/24/2016.



**Rock bass**

We recorded 36 rock bass during our survey that ranged in size from 4 to 9.4 inches. The most common length was 7.7 inches.

Figure 10. Length frequency distribution of 36 rock bass captured during a survey of Pelican Lake, Oneida county on 05/24/2016

**Other Species**

We captured 20 varieties of fish in our electrofishing sample of Pelican Lake. In addition to the species listed above, we caught five muskellunge, six black bullhead, one bluntnose minnow, four burbot, eight golden shiners, one iowa darter, one mottled sculpin, one blugill x pumpkinseed hybrid, 84 spottail shiner, 11 white suckers, and one yellow bullhead. Logperch were present, but not captured during the four half-mile all species stations.

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MWBCODE: 1579900

Crew: Timler Soulier

YEAR: 2016

Kubisiak Weber

LAKE: Pelican Lake

Mevvill Nunway

COUNTY: Oneida

Walleye		Smallmouth bass		Largemouth bass		Northern pike		Muskellunge	
Length (in)	Count	Length (in)	Count	Length (in)	Count	Length (in)	Count	Length (in)	Count
<8	94	<8		<8				<9	
8	10	8		8		9	1	9	
9	5	9		9		10	1	10	
10	17	10		10		11	2	11	
11	23	11	16	11		12	1	12	
12	19	12	14	12	2	13	1	13	1
13	37	13	13	13	9	14	1	14	2
14	40	14	11	14	18	15	1	15	
15	27	15	3	15	10	16		16	
16	9	16	7	16	13	17		17	
17	11	17	7	17	6	18	2	18	
18	6	18	3	18	9	19	5	19	
19	7	19	3	19		20	4	20	1
20	3	20		20		21	3	21	
21	1	21		21		22	11	22	
22	2	22		22		23	13	23	
23	2	23		23		24	5	24	
24		24		24		25	3	25	
25	1	25+		25+		26	2	26	
26						27	2	27	
27						28	3	28	
28						29		29	
29						30		30	
30+						31	1	31	
						32		32	
						33	1	33	
						34		34	
						35+		35	
								36	
								37	
								38	
								39	
								40	1
								41	
								42	
								43	
								44	
								45	
								46	
								47	
								48	
								49	
								50	
<b>Total</b>	<b>314</b>	<b>Total</b>	<b>77</b>	<b>Total</b>	<b>67</b>	<b>Total</b>	<b>63</b>	<b>Total</b>	<b>5</b>

COUNTY: Oneida

Black crappie		Yellow perch		Bluegill		Pumpkinseed		Rock bass	
Length (in)	Count	Length (in)	Count	Length (in)	Count	Length (in)	Count	Length (in)	Count
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	1.0		1.0	
1.5		1.5		1.5	6	1.5		1.5	
2.0		2.0	19	2.0	1	2.0		2.0	
2.5		2.5	68	2.5	2	2.5		2.5	
3.0		3.0	17	3.0	3	3.0		3.0	
3.5		3.5	7	3.5		3.5		3.5	
4.0		4.0	57	4.0	1	4.0	1	4.0	1
4.5		4.5	50	4.5	2	4.5	4	4.5	
5.0		5.0	44	5.0	9	5.0	3	5.0	2
5.5		5.5	57	5.5	31	5.5	9	5.5	
6.0		6.0	46	6.0	24	6.0	24	6.0	6
6.5		6.5	61	6.5	13	6.5	12	6.5	1
7.0		7.0	45	7.0	24	7.0	4	7.0	6
7.5	1	7.5	24	7.5	12	7.5		7.5	8
8.0	1	8.0	12	8.0	3	8.0		8.0	6
8.5	3	8.5	2	8.5	2	8.5		8.5	5
9.0	8	9.0	3	9.0		9.0		9.0	1
9.5	5	9.5		9.5		9.5		9.5	
10.0	3	10.0	1	10.0		10.0		10.0	
10.5	1	10.5	4	10.5		10.5		10.5	
11.0	7	11.0	2	11.0		11.0		11.0	
11.5	3	11.5		11.5		11.5		11.5	
12.0		12.0		12.0		12.0		12.0	
12.5		12.5	1	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	

<b>Total</b>	<b>32</b>	<b>Total</b>	<b>520</b>	<b>Total</b>	<b>134</b>	<b>Total</b>	<b>57</b>	<b>Total</b>	<b>36</b>
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Other species	Count	Lengths
Observed		
Black bullhead	6	10-13.9
Bluntnose minnow	1	2-2.4
Burbot	4	5.6-10.2
Golden shiner	8	2.5-4.4
Iowa darter	1	2-2.4
Mottled sculpin	1	2.3
Pumpkinseed&Bluegill hybrid	1	7.2
Spottail shiner	84	2.5-4.3
White sucker	11	5-19.9
Yellow bullhead	1	7-7.4
Log perch	Present	