

2017 Spring Fishing Harvest Summary  
1837 & 1854 Ceded Territories, Including Mille Lacs and Vermilion Lakes  
Fond du Lac Band of Lake Superior Chippewa

Summary prepared for the Ceded Territory & On-Reservation Conservation Committees  
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Organizational Planning:

*Declarations:* Declarations for walleye harvest were made on a total of 16 lakes within the 1837 Ceded Territory of Minnesota and another 13 lakes in the 1854 Ceded Territory (Table 1). No declarations were made for any Wisconsin 1837 or 1842 Ceded Territory lakes.

*Bandmember Sign-Up:* Again in 2017, Fond du Lac (FDL) Bandmembers had the opportunity to sign-up online for spearing and netting activities. By signing up online, individuals provided Resource Management Division (RMD) staff with contact phone numbers and email addresses. Individuals could also call RMD staff during regular work hours to sign up, if this was easier. A total of 90 individuals signed up using this online tool, compared to just 61 in 2016. It should be noted that there were several individuals that ultimately ended up participating that never did sign up, but rather called RMD on a daily basis to inquire about available harvest opportunities.

*Morning Notifications and Issuing Daily Permits:* Each morning, RMD staff would choose lakes to open for that night and determine the number of available permits. Staff would send a mass email AND a mass text message to all individuals that had signed up and provided email addresses and / or cell phone numbers. These email and texts would state the lakes open for the night, and the number of permits available. Those individuals that were interested and available to participate were given until noon to either call in or respond to the email. RMD staff would then do a lottery-type drawing at noon to distribute the available permits amongst those interested in participating for that night. Only those individuals that were drawn for permits were contacted. Several individuals never did sign-up for the daily notifications, but rather called in to RMD each day that they were interested in participating. These individuals were added to the daily drawings.

Permits were available at the boat landings. RMD office staff notified Conservation Officers and field staff of the Bandmembers that would be participating each night.

### Harvest in 1837 Ceded Territory (Inland Lakes):

Due to the progression of spring and ice out, and the length of the season, FDL was only able to participate on five inland lakes (i.e. not including Mille Lacs Lake, which is covered on page 10) within the 1837 Ceded Territory (Table 1). Harvest activities began on 31 March, and continued thru 5 April. After which, FDL moved to Mille Lacs Lake.

For the five inland 1837 lakes, spearing opportunity was only opened on Green Lake (Tables 2 & 3). Gill netting was open on all five of the inland lakes within the 1837 Ceded Territory (Tables 2 & 3). FDL RMD staff concentrated effort on lakes with gill netting opportunities available (i.e. lake acreage > 1000 acres), as Bandmembers have previously indicated a preference for netting over spearing.

Pounds of walleye harvested within each lake by both spearing and netting ranged from 2.4 pounds (Pokegama Lake, Table 2) to 543.0 pounds (Green Lake, Table 2). Harvest of walleyes within each lake ranged from one fish (Pokegama Lake, Table 3) to 278 fish (Green Lake, Table 3). Length frequency distributions of harvested walleyes and northern pike for the 1837 lakes are presented in Appendix 1.

The number of individual Bandmembers participating within the 1837 Ceded Territory ranged from two to nine per night (Table 4). The number of boats actually participating each night was low (Table 5), as FDL Bandmembers tended to participate in family groups or to carpool and team up together as friends.

Additional species harvested from 1837 lakes included yellow perch, white sucker, black crappie, bluegill, largemouth bass, rock bass, bullhead, catfish, and pumpkinseed sunfish (Table 6).

Table 1. Declarations of walleye by the Fond du Lac Band for lakes within the Minnesota 1837 and 1854 Ceded Territories. Declarations can be in either numbers or pounds. Harvest to date and balance remaining at the end of the spring 2017 season is also presented. Highlighted rows indicate lakes where there was Band harvest activity.

Ceded Territory	Most Recent Harvest Date	Lake	Acreage	County	Declaration (no.)	Declaration (lbs)	Harvest to Date	Balance Remaining
MN 1837		Fish	306	Chisago	61			61
MN 1837	4/6/2017	Platte	1674	Crow Wing	335		58	277
MN 1837		Ann	633	Kanabec	127			127
MN 1837		Big Comfort	219	Chisago	44			44
MN 1837	3/31/2017	Green	1,715	Chisago		1029	543.0	486.0
MN 1837		Borden	1001	Crow Wing	200			200
MN 1837		Spectacle	235	Isanti	47			47
MN 1837	3/31/2017	Pokegama	1,536	Pine	307		1	306
MN 1837	4/1/2017	Chisago	873	Chisago	174		6	168
MN 1837		South Lindstrom	450	Chisago	90			90
MN 1837	4/5/2017	South Long	1313	Crow Wing	263		135	128
MN 1837		Cross	938	Pine	188			188
MN 1837		South Big Pine	372	Aitkin	74			74
MN 1837		Sullivan	1221	Morrison	244			244
MN 1837		Goose	710	Chisago	142			142
MN 1837	5/6/2017	Mille Lacs	Lots	Mille Lacs		3227	2805.4	421.6

Ceded Territory	Most Recent Harvest Date	Lake	Acreage	County	Declaration (no.)	Declaration (lbs)	Harvest to Date	Balance Remaining
MN 1854		Boulder Res	4,567	St. Louis	785.45	1728		1728.0
MN 1854		Devilfish	451.5	Cook	42.27	93		93.0
MN 1854		Eagles Nest #2	404	St. Louis	55.91	123		123.0
MN 1854		Eagles Nest #3	1,706	St. Louis	150.91	332		332.0
MN 1854		Elbow	4326.71	Cook	70.45	155		155.0
MN 1854		Farm	755.48	Lake	292.73	644		644.0
MN 1854		Gunflint	402.66	Cook	72.27	159		159
MN 1854		Harriet	394.97	Lake	30.00	66		66
MN 1854	4/27/2017	Prairie	3,958	St. Louis	267.27	588	29.8	558.2
MN 1854		Shagawa	612	St. Louis	510.45	1123		1123.0
MN 1854	4/22/2017	Vermilion, East	11,372	St. Louis	1136.36	2500	288.6	2211.4
MN 1854		White Iron	1,139	St. Louis	1029.55	2265		2265
MN 1854		Windy	272	Lake	85.00	187		187

Table 2. Harvest (pounds) of walleye and northern pike on five lakes within the MN portion of the 1837 Ceded Territory. Harvest is separated by spearing and netting, and is only for the Fond du Lac Band during spring 2017 harvest season.

WALLEYE

Sum of Walleye Pounds	Column Labels					Grand Total
Row Labels	Chisago	Green (Chisago)	Platte	Pokegama	South Long	Grand Total
<b>3/31/2017</b>						
Net		308.6		2.4		311
<b>4/1/2017</b>						
Spear	9.2					9.2
<b>4/2/2017</b>						
Net		234.4				234.4
<b>4/5/2017</b>						
Net					130.8	130.8
<b>4/6/2017</b>						
Net			118.4			118.4
<b>4/7/2017</b>						
Net					111	111
<b>Grand Total</b>	<b>9.2</b>	<b>543</b>	<b>118.4</b>	<b>2.4</b>	<b>241.8</b>	<b>914.8</b>

NORTHERN PIKE

Sum of Northern Pike Pounds	Column Labels					Grand Total
Row Labels	Chisago	Green (Chisago)	Platte	Pokegama	South Long	Grand Total
<b>3/31/2017</b>						
Net		172.2		38		210.2
<b>4/1/2017</b>						
Spear						
<b>4/2/2017</b>						
Net		124.2				124.2
<b>4/5/2017</b>						
Net					107.8	107.8
<b>4/6/2017</b>						
Net			32			32
<b>4/7/2017</b>						
Net					95	95
<b>Grand Total</b>		<b>296.4</b>	<b>32</b>	<b>38</b>	<b>202.8</b>	<b>569.2</b>

Table 3. Harvest (number) of walleye and northern pike on eight lakes within the MN portion of the 1837 Ceded Territory. Harvest is separated by spearing and netting, and is only for the Fond du Lac Band during spring 2017 harvest season.

WALLEYE

Sum of Walleye Number	Column Labels	Green (Chisago)	Platte	Pokegama	South Long	Grand Total
Row Labels	Chisago					
<b>3/31/2017</b>						
Net		165		1		166
<b>4/1/2017</b>						
Spear	6					6
<b>4/2/2017</b>						
Net		113				113
<b>4/5/2017</b>						
Net					70	70
<b>4/6/2017</b>						
Net			58			58
<b>4/7/2017</b>						
Net					65	65
<b>Grand Total</b>	<b>6</b>	<b>278</b>	<b>58</b>	<b>1</b>	<b>135</b>	<b>478</b>

NORTHERN PIKE

Sum of Northern Pike Number	Column Labels	Green (Chisago)	Platte	Pokegama	South Long	Grand Total
Row Labels	Chisago					
<b>3/31/2017</b>						
Net		52		12		64
<b>4/1/2017</b>						
Spear						
<b>4/2/2017</b>						
Net		39				39
<b>4/5/2017</b>						
Net					50	50
<b>4/6/2017</b>						
Net			14			14
<b>4/7/2017</b>						
Net					43	43
<b>Grand Total</b>		<b>91</b>	<b>14</b>	<b>12</b>	<b>93</b>	<b>210</b>

Table 4. Number of permits issued to Fond du Lac Bandmembers (identified using FDL license number) participating each night within 1837 Ceded Territory Lakes during the 2017 spring harvest season. Some individuals did receive multiple permits on some of the nights.

Row Labels	Sum of Number of Permits
<b>3/31/2017</b>	
<b>Green (Chisago)</b>	
3091	1
3254	2
3646	1
3807	2
3814	1
4649	1
4886	1
4956	1
<b>Pokegama</b>	
3121	1
3778	2
5898	1
<b>3/31/2017 Total</b>	<b>14</b>
<b>4/1/2017</b>	
<b>Chisago</b>	
3240	3
4886	1
<b>4/1/2017 Total</b>	<b>4</b>
<b>4/2/2017</b>	
<b>Green (Chisago)</b>	
4294	4
4886	3
<b>4/2/2017 Total</b>	<b>7</b>
<b>4/5/2017</b>	
<b>South Long</b>	
3121	1
3778	1
3814	1
4649	1
4956	1
5898	1
4456	1
4533	1
3117	1
<b>4/5/2017 Total</b>	<b>9</b>
<b>4/6/2017</b>	
<b>Platte</b>	
3814	2
4649	2
4956	1
5898	2
<b>4/6/2017 Total</b>	<b>7</b>

<b>4/7/2017</b>	
<b>South Long</b>	
3807	1
3814	1
4649	1
4956	1
5989	2
<b>4/7/2017 Total</b>	<b>6</b>
<b>Grand Total</b>	<b>47</b>

Table 5. The number of boats used each night and on each lake by Fond du Lac Bandmembers while participating in 2017 spring harvest activities within the 1837 Ceded Territory of Minnesota.

Count of Unique No. Boats	Column Labels	
Row Labels	GN	SP
<b>3/31/2017</b>		
<b>Green (Chisago)</b>		
MN5011JK	1	
MN6021HH	1	
MN9316GP	1	
MN9975HP	1	
<b>Pokegama</b>		
MN4052HF	1	
<b>4/1/2017</b>		
<b>Chisago</b>		
MN4516FX		1
MN6021HH		1
<b>4/2/2017</b>		
<b>Green (Chisago)</b>		
MN6021HH	1	
<b>4/5/2017</b>		
<b>South Long</b>		
MN4052HF	1	
MN9975HP	1	
MN0532HE	1	
<b>4/6/2017</b>		
<b>Platte</b>		
MN9975HP	1	
<b>4/7/2017</b>		
<b>South Long</b>		
MN9975HP	1	
MN3559FH	1	
<b>Grand Total</b>	<b>12</b>	<b>2</b>

Table 6. Harvest of additional species by Fond du Lac Bandmembers within lakes in the 1837 Ceded Territory of Minnesota during spring 2017 harvest activities.

Values	Column Labels					Grand Total
	Chisago	Green (Chisago)	Platte	Pokegama	South Long	
Sum of Yellow Perch Number					1.0	<b>1.0</b>
Sum of Yellow Perch Pounds					0.6	<b>0.6</b>
Sum of White Sucker No.				1	8	<b>9</b>
Sum of White Sucker Lbs.				1.0	15.6	<b>16.6</b>
Sum of Black Crappie No.		1	8		5	<b>14</b>
Sum of Black Crappie Lbs.		0.4	5.4		3.8	<b>9.6</b>
Sum of Bluegill No.				1	21	<b>22</b>
Sum of Bluegill Lbs.				0.4	7.8	<b>8.2</b>
Sum of Largemouth Bass No.					13	<b>13</b>
Sum of Largemouth Bass Lbs.					17.0	<b>17.0</b>
Sum of Rock Bass No.					12.0	<b>12.0</b>
Sum of Rock Bass Lbs.					7.8	<b>7.8</b>
Sum of Bullhead Sp. No.			1		11	<b>12</b>
Sum of Bullhead Sp. Lbs.			1.0		10.0	<b>11.0</b>
Count of Pumpkinseed No.			2		3	<b>5</b>
Count of Pumpkinseed Lbs.			2.0		3.0	<b>5.0</b>
Count of Catfish No.				1		<b>1</b>
Count of Catfish Lbs				1.0		<b>1.0</b>

### Mille Lacs Lake:

The Mille Lacs Band of Ojibwe started harvesting walleyes on 27 March 2017 (Table 7). Including the five Wisconsin Bands netting thru the spring perch fishery, harvest activities continued thru the night of 10 May (Table 7). Total Tribal Allocation for the 2017 fishing season was set at the Winter 1837 Fisheries Technical Committee Meeting, and included 19,200 pounds of walleye, 50,000 pounds of northern pike, and 101,714 pounds of yellow perch. For all participating Bands, total harvest on Mille Lacs Lake was 14,258.1 pounds of walleye (Table 7), 3038.3 pounds of northern pike (Table 8), and 696.8 pounds of yellow perch (Table 9).

Fond du Lac's initial allocation was 2034.0 pounds of walleye for Mille Lacs. On 18 April, the Lac du Flambeau Band transferred 1242.0 pounds of their allocation to Fond du Lac. Fond du Lac started spearing activities on 11 April, and finished on the night of 22 April, for a total of five nights of spearing (Tables 7 & 10). Walleye catch rates, calculated as the number of pounds of walleye harvested per hour of effort, was highest on the first two nights of harvest, and declined thereafter (Figure 1). Total harvest for FDL was 2805.4 pounds of walleye and 295.8 pounds of northern pike (Tables 7, 8, & 10). Additional species harvested by FDL bandmembers spearing on Mille Lacs Lake included white sucker, burbot, rock bass, smallmouth bass, and tullibee (Table 11A).

Harvest by all participating Bands was concentrated at the North Garrison (3650.1 pounds) and Cedar Creek access points (3616.2 pounds) (Table 12). No harvest was reported from Liberty Beach during the 2017 harvest season.

For FDL, participation ranged from six to 17 Band members per night (Table 13). A total of 39 different FDL Band members participated at Mille Lacs Lake (Table 14). Twenty-four members participated only a single night, while only one individual participated four of the five nights that FDL was open (Figure 2). The number of boats used ranged from two to eight per night (Table 15).

For all nights of activities on Mille Lacs, harvest ranged from 6.3 to 241.0 pounds per bandmember (Table 14, Figure 3). For all 39 participating FDL Bandmembers, the average harvest for walleyes was  $71.9 \pm 20.1$  pounds per member. Median harvest per Bandmember was 48.3 pounds. FDL Bandmembers speared for a total of 325.75 man-hours, harvesting approximately 3.4 walleye per hour of effort (Table 16).

A total of 1017 walleyes were harvested by FDL (Table 17). Lengths of walleye harvested ranged from 14.0 to 28.9 inches (Figure 4). RMD staff attempted to collect otoliths from five individuals per sex and per 0.5 inch class, e.g. five males and five females between 15.0 and 15.49 inches. Ages were interpreted from otoliths collected from 216 of the walleyes (Table 18). The most common ages observed were from the 2008 (age-9) and 2013 year classes (age-4) (Table 18 and Figure 5). The 2013 year class is just starting to reach maturity. FDL can expect harvest of the 2013 year class to increase in the future if length-based limits aren't used to reduce harvest on this cohort as was done in 2017. The 2013 year class is the first cohort since 2008 that has been above average as measured by Year Class Strength Index. Walleye growth by sex is presented in Figure 6.

The eight Bands set aside 2700 pounds of walleye to be used to cover incidental catch during both the spring and fall yellow perch net fishery. Beginning on 28 April, Fond du Lac opened Mille Lacs to yellow perch netting for interested Bandmembers. Only two individuals took advantage of this opportunity, each receiving permits to set three nets per night (Table 10). These two individuals harvested a total of 442.2 pounds of walleye, 290.2 pounds of northern pike, and 163.2 pounds of yellow perch (Table 19). Length frequency of harvested walleyes is presented in Figure 7. Additional species harvested during the spring perch net fishery are presented in Table 11B.

Table 7. Harvest of walleyes (pounds) on Mille Lacs Lake, spring 2017, by all participating Bands.

Sum of Walleye Lbs	Column Labels							
Row Labels	BRV	FDL	LCO	LDF	MILLELACS	RCF	STC	Grand Total
<b>Spear</b>								
3/27/2017					6.8			6.8
3/28/2017					5.6			5.6
4/1/2017					22.2			22.2
4/2/2017					316.8			316.8
4/3/2017					188.2			188.2
4/4/2017					112.8			112.8
4/5/2017					35.6			35.6
4/6/2017					143.4			143.4
4/7/2017					183			183
4/8/2017					480.4			480.4
4/10/2017	1.6				23.2			24.8
4/11/2017	62.2	981.2			342.8			1386.2
4/12/2017		596.4						596.4
4/13/2017		404.4					750.2	1154.6
4/15/2017			880.7			354		1234.7
4/16/2017			277.6			578.4	314.6	1170.6
4/17/2017		203.2	36.8			36	116.8	392.8
4/18/2017			0				87	87
4/20/2017	150.2		189.8					340
4/21/2017	192.6						112.8	305.4
4/22/2017		178			0			178
<b>Spear Total</b>	<b>406.6</b>	<b>2363.2</b>	<b>1384.9</b>		<b>1860.8</b>	<b>968.4</b>	<b>1381.4</b>	<b>8365.3</b>
<b>Net</b>								
3/30/2017					30.4			30.4
4/1/2017					51.4			51.4
4/2/2017					91.2			91.2
4/4/2017					50.6			50.6
4/5/2017					131			131
4/6/2017					61.2			61.2
4/7/2017					273			273
4/8/2017					778.1			778.1
4/9/2017					261.8			261.8
4/10/2017					308.8			308.8
4/11/2017					1039.8			1039.8
4/21/2017					95.8			95.8
4/28/2017		36.4			112.8			149.2
4/29/2017		90.2	45.2		102.8			238.2
5/1/2017		6	14.8			37		57.8
5/2/2017	73.4	72	24.2					169.6
5/3/2017	124.4	42	30.6		85.4		30	312.4
5/4/2017	121.2	35.2	50	82	50.6			339
5/5/2017	209.8	34	98.2	113.6				455.6
5/6/2017	237.1	126.4	65	86.4				514.9
5/7/2017	152.6							152.6
5/8/2017	166							166
5/9/2017					60.2			60.2
5/10/2017					104.2			104.2
<b>Net Total</b>	<b>1084.5</b>	<b>442.2</b>	<b>328</b>	<b>282</b>	<b>3689.1</b>	<b>37</b>	<b>30</b>	<b>5892.8</b>
<b>Grand Total</b>	<b>1491.1</b>	<b>2805.4</b>	<b>1712.9</b>	<b>282</b>	<b>5549.9</b>	<b>1005.4</b>	<b>1411.4</b>	<b>14258.1</b>

Table 8. Harvest of northern pike (pounds) on Mille Lacs Lake, spring 2017, by all participating Bands.

Sum of Northern Lbs	Column Labels					
Row Labels	BRV	FDL	LCO	MILLELACS	STC	Grand Total
<b>Net</b>						
3/30/2017				142		142
4/1/2017				116.2		116.2
4/2/2017				248		248
4/4/2017				68.6		68.6
4/5/2017				179.6		179.6
4/6/2017				81.4		81.4
4/7/2017				232.2		232.2
4/8/2017				283.1		283.1
4/9/2017				26.8		26.8
4/10/2017				73.4		73.4
4/11/2017				90		90
4/21/2017				2.4		2.4
4/28/2017		69		21		90
4/29/2017		36.6	31.8	4.8		73.2
5/1/2017		23.4	26.4			49.8
5/2/2017	57	53	45.4			155.4
5/3/2017	53	21.8	62.8	0	17.8	155.4
5/4/2017	81.2	7.8	22.2	3.8		115
5/5/2017	89.6	22.4	98.8			210.8
5/6/2017	127.6	56.2	11.2			195
5/7/2017	114.6					114.6
5/8/2017	94.8					94.8
5/9/2017				5.6		5.6
5/10/2017				17.2		17.2
<b>Net Total</b>	<b>617.8</b>	<b>290.2</b>	<b>298.6</b>	<b>1596.1</b>	<b>17.8</b>	<b>2820.5</b>
<b>Spear</b>						
3/28/2017				75.4		75.4
3/27/2017				41		41
4/1/2017				0		0
4/2/2017				0		0
4/3/2017				0		0
4/4/2017				13		13
4/5/2017				43.8		43.8
4/6/2017				39		39
4/7/2017				0		0
4/8/2017				0		0
4/10/2017	0			0		0
4/11/2017	0	3.2		0		3.2
4/12/2017		0				0
4/13/2017		2.4			0	2.4
4/15/2017			0			0
4/16/2017			0		0	0
4/17/2017		0	0		0	0
4/18/2017			0		0	0
4/20/2017	0		0			0
4/21/2017	0				0	0
4/22/2017		0		0		0
<b>Spear Total</b>	<b>0</b>	<b>5.6</b>	<b>0</b>	<b>212.2</b>	<b>0</b>	<b>217.8</b>
<b>Grand Total</b>	<b>617.8</b>	<b>295.8</b>	<b>298.6</b>	<b>1808.3</b>	<b>17.8</b>	<b>3038.3</b>

Table 9. Harvest of yellow perch (pounds) by gill nets on Mille Lacs Lake, spring 2017, by all participating Bands.

Sum of Perch Lbs Row Labels	Column Labels					Grand Total
	BRV	FDL	LCO	MILLELACS	STC	
<b>Net</b>						
3/30/2017				0		0
4/1/2017				0		0
4/2/2017				0		0
4/4/2017				0		0
4/5/2017				0		0
4/6/2017				0		0
4/7/2017				0		0
4/8/2017				1		1
4/9/2017				0.8		0.8
4/10/2017				0		0
4/11/2017				0.8		0.8
4/21/2017				28.8		28.8
4/28/2017		15.6		12.8		28.4
4/29/2017		15.8	33	41.4		90.2
5/1/2017		7.6	19.4			27
5/2/2017	46	59.2	24.4			129.6
5/3/2017	17.8	19.4	28	39.4	9.6	114.2
5/4/2017	15.4	18.4	1.6	12.8		48.2
5/5/2017	35.2	7.8	36.6			79.6
5/6/2017	37.8	19.4	7.4			64.6
5/7/2017	35					35
5/8/2017	17.4					17.4
5/9/2017				12.2		12.2
5/10/2017				19		19
<b>Net Total</b>	<b>204.6</b>	<b>163.2</b>	<b>150.4</b>	<b>169</b>	<b>9.6</b>	<b>696.8</b>
<b>Grand Total</b>	<b>204.6</b>	<b>163.2</b>	<b>150.4</b>	<b>169</b>	<b>9.6</b>	<b>696.8</b>

Table 10. Harvest by night and by Landing for the Fond du Lac Band on Mille Lacs Lake, Spring 2017. Note that on 28 April, FDL switched to targeting yellow perch using gill nets. Prior to that, harvest was limited to spearing only.

Row Labels	Walleye Fishery					Yellow Perch Fishery								Grand Total
	Column Labels	4/11/2017	4/12/2017	4/13/2017	4/17/2017	4/22/2017	4/28/2017	4/29/2017	5/1/2017	5/2/2017	5/3/2017	5/4/2017	5/5/2017	
<b>Cedar</b>														
Sum of Number of Permits	23	15	17	6										61
Sum of Walleye Number	289	200	132	74										695
Sum of Walleye Lbs	981.2	596.4	404.4	203.2										2185.2
Sum of Northern Number	1	0	1	0										2
Sum of Northern Lbs	3.2	0	2.4	0										5.6
Sum of Perch Number	0													0
Sum of Perch Lbs														
<b>NGarrison</b>														
Sum of Number of Permits					9		3	3	3	3		3	3	27
Sum of Walleye Number					72		33	2	12	21		18	40	198
Sum of Walleye Lbs					178		55.8	6	21.2	42		34	82	419
Sum of Northern Number					0		7	6	4	5		6	6	34
Sum of Northern Lbs					0		32	23.4	20	21.8		22.4	25.8	145.4
Sum of Perch Number							19	8	43	23		8	11	112
Sum of Perch Lbs							15.8	7.6	36.2	19.4		7.8	8.4	95.2
<b>Wealthwood</b>														
Sum of Number of Permits						3	3		3		3		3	15
Sum of Walleye Number						23	24		31		20		28	126
Sum of Walleye Lbs						36.4	34.4		50.8		35.2		44.4	201.2
Sum of Northern Number						16	1		5		3		5	30
Sum of Northern Lbs						69	4.6		33		7.8		30.4	144.8
Sum of Perch Number						16	0		25		22		13	76
Sum of Perch Lbs						15.6	0		23		18.4		11	68
<b>Total Sum of Number of Permits</b>	<b>23</b>	<b>15</b>	<b>17</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>103</b>
<b>Total Sum of Walleye Number</b>	<b>289</b>	<b>200</b>	<b>132</b>	<b>74</b>	<b>72</b>	<b>23</b>	<b>57</b>	<b>2</b>	<b>43</b>	<b>21</b>	<b>20</b>	<b>18</b>	<b>68</b>	<b>1019</b>
<b>Total Sum of Walleye Lbs</b>	<b>981.2</b>	<b>596.4</b>	<b>404.4</b>	<b>203.2</b>	<b>178</b>	<b>36.4</b>	<b>90.2</b>	<b>6</b>	<b>72</b>	<b>42</b>	<b>35.2</b>	<b>34</b>	<b>126.4</b>	<b>2805.4</b>
<b>Total Sum of Northern Number</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>8</b>	<b>6</b>	<b>9</b>	<b>5</b>	<b>3</b>	<b>6</b>	<b>11</b>	<b>66</b>
<b>Total Sum of Northern Lbs</b>	<b>3.2</b>	<b>0</b>	<b>2.4</b>	<b>0</b>	<b>0</b>	<b>69</b>	<b>36.6</b>	<b>23.4</b>	<b>53</b>	<b>21.8</b>	<b>7.8</b>	<b>22.4</b>	<b>56.2</b>	<b>295.8</b>
<b>Total Sum of Perch Number</b>	<b>0</b>					<b>16</b>	<b>19</b>	<b>8</b>	<b>68</b>	<b>23</b>	<b>22</b>	<b>8</b>	<b>24</b>	<b>188</b>
<b>Total Sum of Perch Lbs</b>						<b>15.6</b>	<b>15.8</b>	<b>7.6</b>	<b>59.2</b>	<b>19.4</b>	<b>18.4</b>	<b>7.8</b>	<b>19.4</b>	<b>163.2</b>

Table 11A. Additional species harvested on Mille Lacs Lake, April 2017, by the Fond du Lac Band participating in spearing activities.

Landing	Data	Date				
		4/11/2017	4/12/2017	4/13/2017	4/17/2017	4/22/2017
<b>NGarrison</b>	Sum of White Sucker No.	0	0	0	0	1
	Sum of White Sucker Lbs.	0	0	0	0	4
	Sum of Burbot No.	0	0	0	0	0
	Sum of Burbot Lbs.	0	0	0	0	0
	Sum of Rock Bass No.	0	0	0	0	0
	Sum of Rock Bass Lbs.	0	0	0	0	0
	Sum of Smallmouth Bass No.	0	0	0	0	0
	Sum of Smallmouth Bass Lbs.	0	0	0	0	0
	Sum of Tullibee No.	0	0	0	0	0
	Sum of Tullibee Lbs.	0	0	0	0	0
<b>Cedar</b>	Sum of White Sucker No.	3	5	12	0	0
	Sum of White Sucker Lbs.	7.2	16	42.6	0	0
	Sum of Burbot No.	0	0	0	0	0
	Sum of Burbot Lbs.	0	0	0	0	0
	Sum of Rock Bass No.	0	0	0	0	0
	Sum of Rock Bass Lbs.	0	0	0	0	0
	Sum of Smallmouth Bass No.	1	0	0	0	0
	Sum of Smallmouth Bass Lbs.	3.8	0	0	0	0
	Sum of Tullibee No.	0	0	0	0	0
	Sum of Tullibee Lbs.	0	0	0	0	0
<b>Total Sum of White Sucker No.</b>		<b>3</b>	<b>5</b>	<b>12</b>	<b>0</b>	<b>1</b>
<b>Total Sum of White Sucker Lbs.</b>		<b>7.2</b>	<b>16.0</b>	<b>42.6</b>	<b>0.0</b>	<b>4.0</b>
<b>Total Sum of Burbot No.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Sum of Burbot Lbs.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Sum of Rock Bass No.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Sum of Rock Bass Lbs.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Sum of Smallmouth Bass No.</b>		<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Sum of Smallmouth Bass Lbs.</b>		<b>3.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Sum of Tullibee No.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Sum of Tullibee Lbs.</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table 11B. Additional species harvested on Mille Lacs Lake, Spring 2017, by the Fond du Lac Band participating in the yellow perch gill net fishery.

Landing	Data	Date							
		4/28/2017	4/29/2017	5/1/2017	5/2/2017	5/3/2017	5/4/2017	5/5/2017	5/6/2017
<b>NGarrison</b>	Sum of White Sucker No.	0	0	0	2	1	0	0	1
	Sum of White Sucker Lbs.	0	0	0	2.8	1.8	0	0	1.4
	Sum of Burbot No.	0	1	0	0	0	0	0	0
	Sum of Burbot Lbs.	0	2	0	0	0	0	0	0
	Sum of Rock Bass No.	0	0	0	1	8	0	0	0
	Sum of Rock Bass Lbs.	0	0	0	0.6	5.8	0	0	0
	Sum of Smallmouth Bass No.	0	0	0	0	0	0	0	0
	Sum of Smallmouth Bass Lbs.	0	0	0	0	0	0	0	0
	Sum of Tullibee No.	0	2	0	6	3	0	1	0
	Sum of Tullibee Lbs.	0	2	0	8.4	4.6	0	2.2	0
<b>Wealthwood</b>	Sum of White Sucker No.	0	0	0	0	0	2	0	1
	Sum of White Sucker Lbs.	0	0	0	0	0	4.2	0	2.2
	Sum of Burbot No.	0	0	0	0	0	0	0	0
	Sum of Burbot Lbs.	0	0	0	0	0	0	0	0
	Sum of Rock Bass No.	0	0	0	0	0	0	0	0
	Sum of Rock Bass Lbs.	0	0	0	0	0	0	0	0
	Sum of Smallmouth Bass No.	0	0	0	0	0	0	0	0
	Sum of Smallmouth Bass Lbs.	0	0	0	0	0	0	0	0
	Sum of Tullibee No.	0	1	0	0	0	2	0	0
	Sum of Tullibee Lbs.	0	1.4	0	0	0	3	0	0
<b>Total Sum of White Sucker No.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>2</b>	
<b>Total Sum of White Sucker Lbs.</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>2.8</b>	<b>1.8</b>	<b>4.2</b>	<b>0.0</b>	<b>3.6</b>	
<b>Total Sum of Burbot No.</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Sum of Burbot Lbs.</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Sum of Rock Bass No.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Sum of Rock Bass Lbs.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.6</b>	<b>5.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Sum of Smallmouth Bass No.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Sum of Smallmouth Bass Lbs.</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Total Sum of Tullibee No.</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>0</b>	
<b>Total Sum of Tullibee Lbs.</b>	<b>0</b>	<b>3.4</b>	<b>0</b>	<b>8.4</b>	<b>4.6</b>	<b>3</b>	<b>2.2</b>	<b>0</b>	

Table 12. Harvest of walleye and northern pike (pounds) from each of the landings on Mille Lacs Lake used by Tribal fishers during the Spring 2017 harvest season.

Row Labels	Sum of Walleye Lbs	Sum of Northern Lbs
Cedar	3616.2	58.2
Cove	1460.4	181.7
DNR	116	44
Hennepin	498.8	18.2
IndianPt	834.1	953.8
Malmo	6.8	145
NGarrison	3650.1	580.6
SGarrison	530.6	0
Wealthwood	2138.9	983.6
Wigwam	1406.2	281.8
<b>Grand Total</b>	<b>14258.1</b>	<b>3246.9</b>

Table 13. Number of Fond du Lac Bandmembers participating in spearing activities on Mille Lacs Lake during spring 2017 harvest activities. Only two individuals participated in the yellow perch fishery that began on 28 April and continued thru 6 May.

Row Labels	Count of Tribal ID Number
4/11/2017	17
4/12/2017	12
4/13/2017	13
4/17/2017	6
4/22/2017	7
<b>Grand Total</b>	<b>55</b>

Table 15. Number of unique boats participating on each night for the Fond du Lac Band on Mille Lacs Lake during Spring 2017 spearing harvest activity. Data for 22 April is not available, as GLIFWC staff monitoring the landing for FDL failed to note boat hull ID's on the permit forms. Beginning on 28 April, all activity was for yellow perch netting, and the two participating bandmembers each used their own boat.

Row Labels	Count of Unique Number of Boats
4/11/2017	8
4/12/2017	5
4/13/2017	6
4/17/2017	2
<b>Grand Total</b>	<b>21</b>

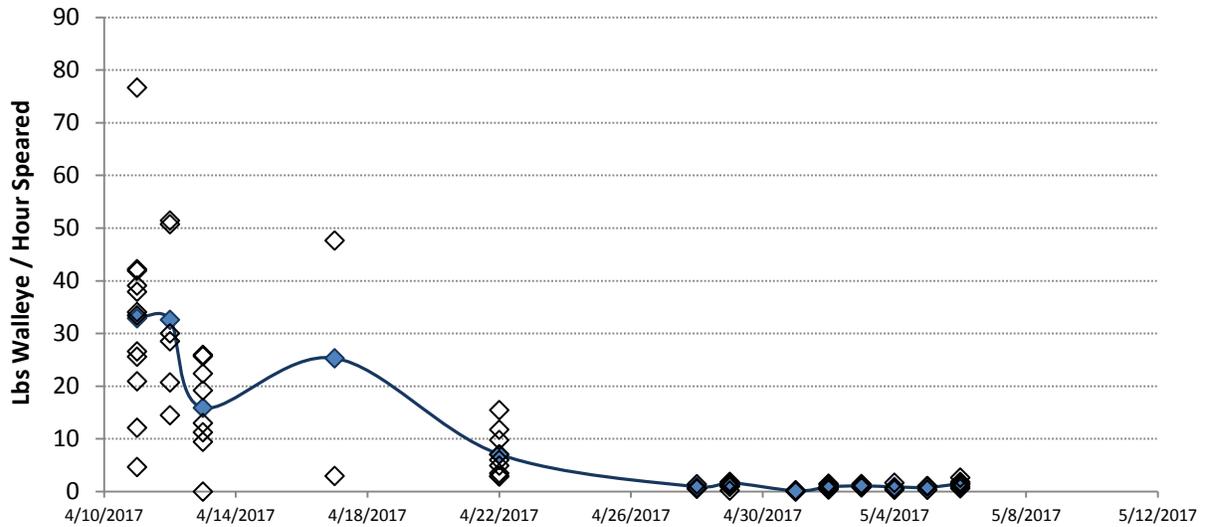


Figure 1. Average pounds of walleye harvested per boat-hour each night (dark blue diamonds) in Mille Lacs during spring 2017 activities. Hollow diamonds are actual individual catch rates for each boat. Line is the two-day moving average. Beginning 28 April, FDL netters were targeting yellow perch with gill nets, and not spearing.

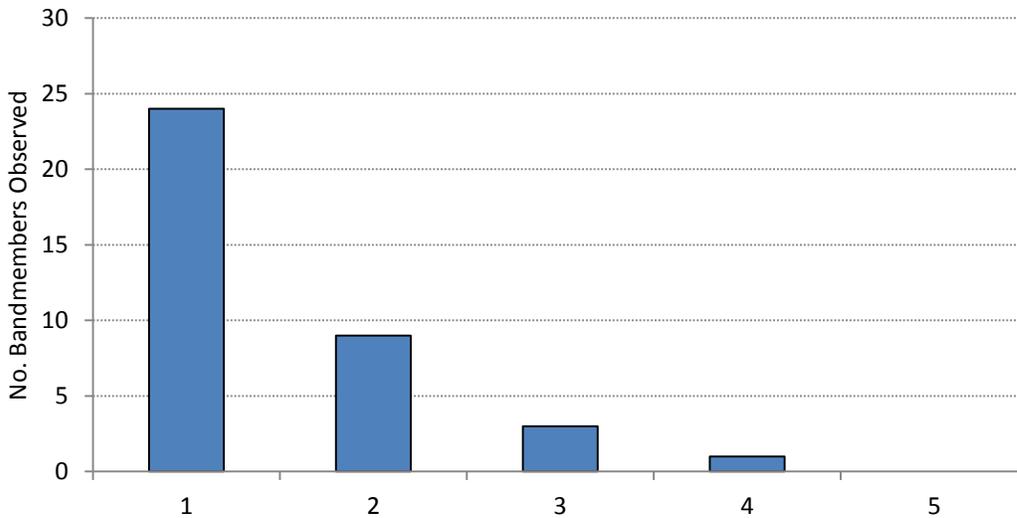


Figure 2. Number of nights individual Bandmembers participated in spearing activities at Mille Lacs Lake, Spring 2016. Fond du Lac opened Mille Lacs Lake for five nights. No Bandmembers participated all five nights. Data does not include the yellow perch fishery that began on 28 April and continued thru 6 May 2017.

Table 14. Sum of total walleye and northern pike pounds harvested per Fond du Lac Bandmember on Mille Lacs Lake during spring 2017 spearing and netting activities. Permits Issued shows the total number of permits issued to each individual Bandmember, while Days Participating presents the number of nights participating. Multiple permits were sometimes available to those that finished filling permits early and on nights when other Bandmembers failed to show and claim a reserved permit. Data includes the yellow perch net fishery.

Tribal ID Number	Data			
	Permits Issued	Days Participating	Sum of Walleye Pounds	Sum of Northern Pike Pounds
3085	3	3	135.6	3.2
3117	1	1	20.2	
3121	3	2	33.5	
3129	1	1	44.9	
3221	1	1	19.5	0
3275	2	1	48.3	0
3291	2	1	48.3	0
3313	2	2	115.5	
3353	2	1	116.8	0
3366	15	5	201.2	144.8
3550	2	1	116.8	0
3596	1	1	26.0	1.2
3597	1	1	26.0	1.2
3646	2	2	115.5	
3698	2	1	58.9	
3778	6	3	207.4	0
3807	1	1	59.2	
3814	1	1	59.2	
3950	1	1	19.7	0
4119	4	4	101.9	0
4153	1	1	20.2	
4473	18	6	241.0	145.4
4481	1	1	44.9	
4533	1	1	20.2	
4611	1	1	19.5	
4649	5	3	226.8	0
4714	2	2	6.3	0
4769	2	1	58.9	
4947	2	2	47.7	0
4956	3	2	139.4	
5019	1	1	23.2	
5050	2	2	55.1	
5136	3	3	82.2	
5209	1	1	6.3	
5391	2	1	58.9	
5616	1	1	44.9	
5763	1	1	19.5	0
5898	2	2	71.4	
6363	1	1	44.9	
<b>Grand Total</b>	<b>103</b>	<b>67</b>	<b>2805.4</b>	<b>295.8</b>

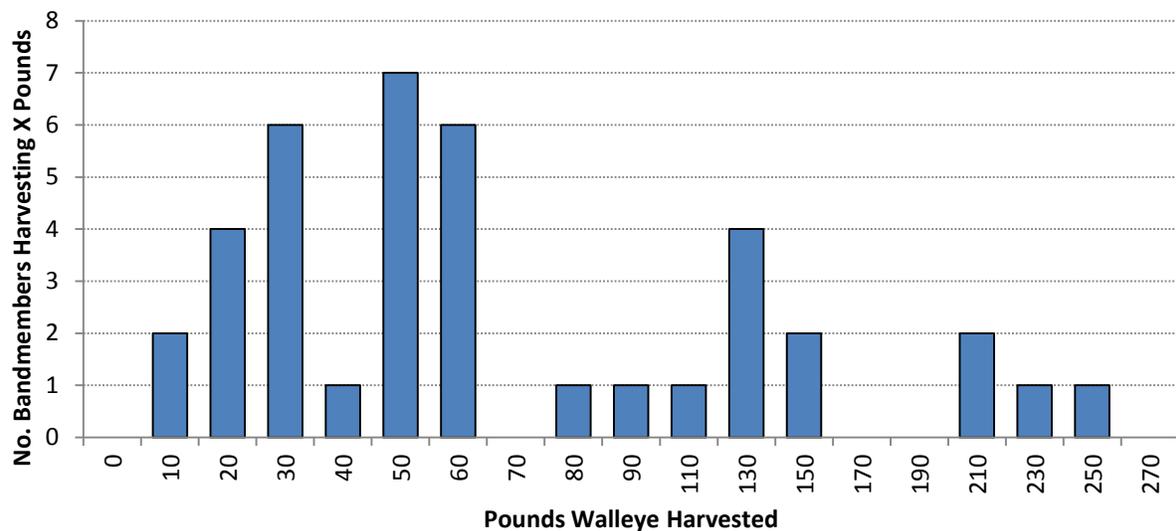


Figure 3. Amount of walleye pounds harvested in Mille Lacs Lake during spring 2017 by the number of Fond du Lac Bandmembers. Category values represent a maximum value, e.g. 10 means that two individuals came to Mille Lacs and harvested between 0.1 and ten pounds of walleye, whereas one individual harvested between 230.1 and 250.0 pounds of walleye.

Table 16. Harvest effort (no. and lbs. per hour) for Fond du Lac Bandmembers spearing walleyes on Mille Lacs Lake, Spring 2017. Data does not include walleye harvest during the yellow perch net fishery.

Row Labels	Sum of Man Hours Fished	WAE Harvested (no)	WAE Harvested (Lbs)	No. WAE / Hour	Lbs WAE / Hour
<b>4/11/2017</b>	<b>76.75</b>				
Cedar	76.75	289	981.2	6.5	21.1
<b>4/12/2017</b>	<b>48.75</b>				
Cedar	48.75	200	596.4	4.9	14.6
<b>4/13/2017</b>	<b>51.75</b>				
Cedar	51.75	132	404.4	2.3	7.4
<b>4/17/2017</b>	<b>24.5</b>				
Cedar	24.5	74	203.2	2.4	6.7
<b>4/22/2017</b>	<b>24</b>				
NGarrison	24	72	178	3.1	7.1

Table 17. Harvest of male, female, and unknown sexed walleyes each night by Fond du Lac Bandmembers on Mille Lacs Lake, Spring 2017. Data does include walleyes harvested during the yellow perch net fishery.

Count of Sex Row Labels	Column Labels			Grand Total
	F	M	U	
4/11/2017	97	190	2	289
4/12/2017	63	137		200
4/13/2017	51	81		132
4/17/2017	20	52	2	74
4/22/2017	10	61	1	72
4/28/2017		23		23
4/29/2017	1	54		55
5/1/2017			2	2
5/2/2017	3	27	13	43
5/3/2017	1		20	21
5/4/2017		2	18	20
5/5/2017	1	17		18
5/6/2017	4	36	28	68
<b>Grand Total</b>	<b>251</b>	<b>680</b>	<b>86</b>	<b>1017</b>

Table 18. Ages assigned to 216 aged walleyes harvested from Mille Lacs Lake during spring 2017 activities by the Fond du Lac Band. Ages were interpreted using otoliths, and are separated by females (F), males (M), and unknown fish (U).

Cohort	Count of Age Row Labels	Column Labels			Grand Total
		F	M	U	
2013	4	1	37	1	39
2012	5		4		4
2011	6	3	9		12
2010	7	4	13		17
2009	8	1	4		5
2008	9	18	23		41
2007	10	4	4		8
2006	11	9			9
2005	12	16	1	1	18
2004	13	3			3
2003	14	14	4		18
2002	15	9	12		21
2001	16	1			1
2000	17	1			1
1999	18	6	2		8
1998	19	4			4
1997	20		1		1
1996	21	1	2		3
1995	22	2			2
1990	27		1		1
<b>Grand Total</b>		<b>97</b>	<b>117</b>	<b>2</b>	<b>216</b>

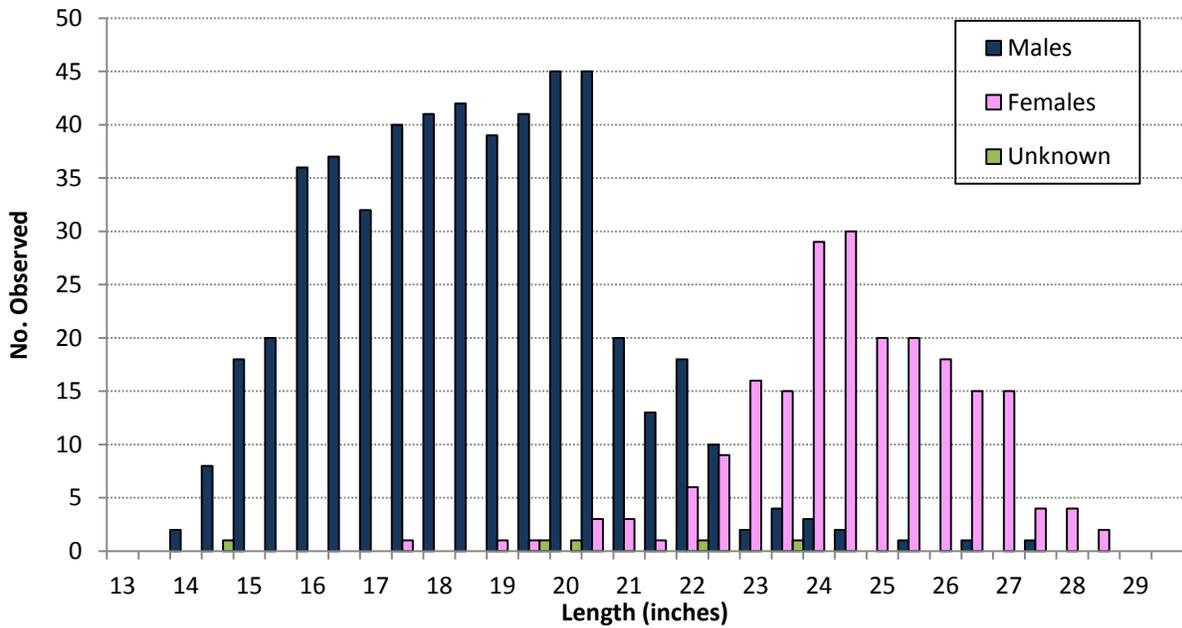


Figure 4. Length frequency distribution of all walleyes harvested by Fond du Lac Bandmembers on Mille Lacs Lake during spring 2017 spearing activities. Harvest was from both Cedar Creek and North Garrison landings, and are separated by males (blue bars), females (pink bars), and unknown individuals (green bars).

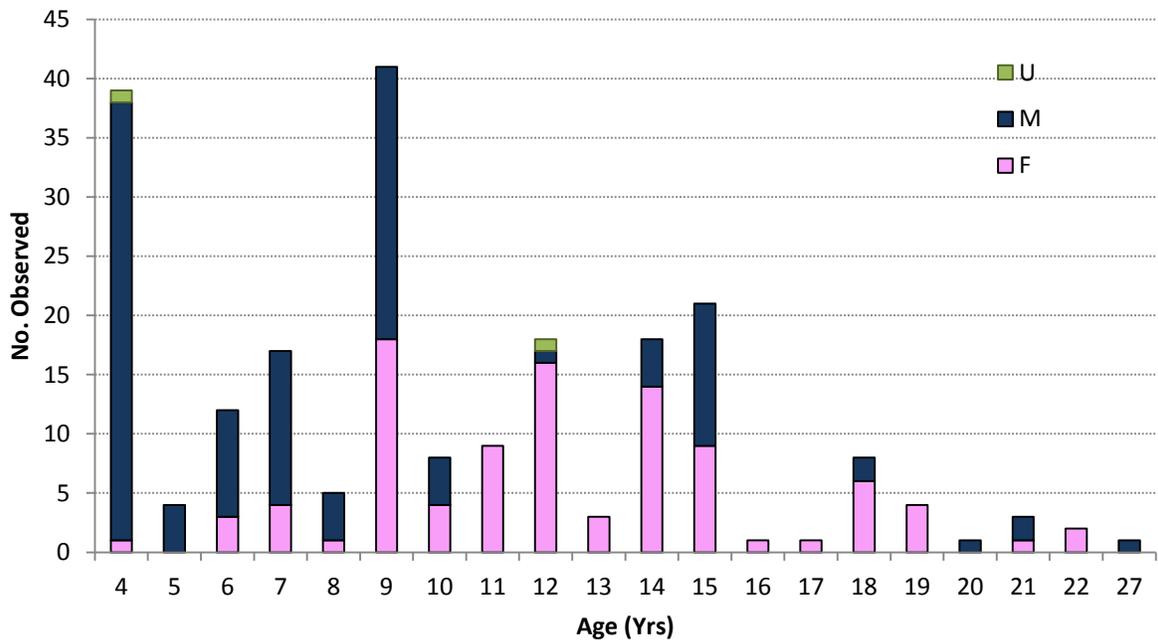


Figure 5. Age Frequency distribution of walleyes collected from Mille Lacs Lake during spring 2017 harvest activities. Ages were interpreted using otoliths, and are separated by males (blue bars), females (pink bars), and unknown individuals (green bars).

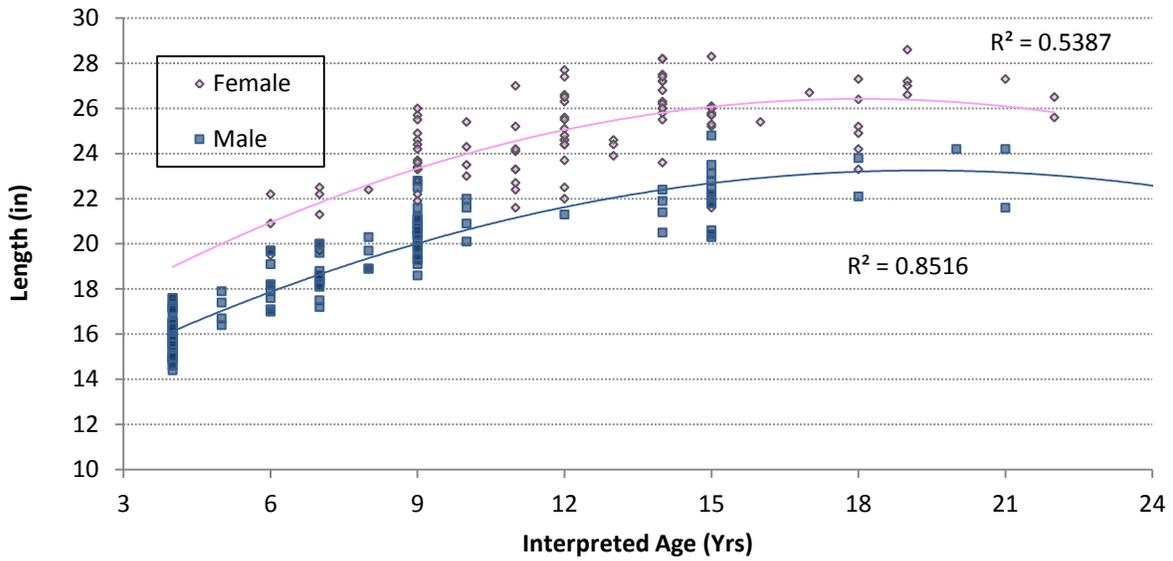


Figure 6. Length at age for male (blue squares) and female (pink diamonds) walleyes collected from Mille Lacs Lake during spring 2017 harvest activities. Interpreted ages were made using otoliths collected at the time of creeling.

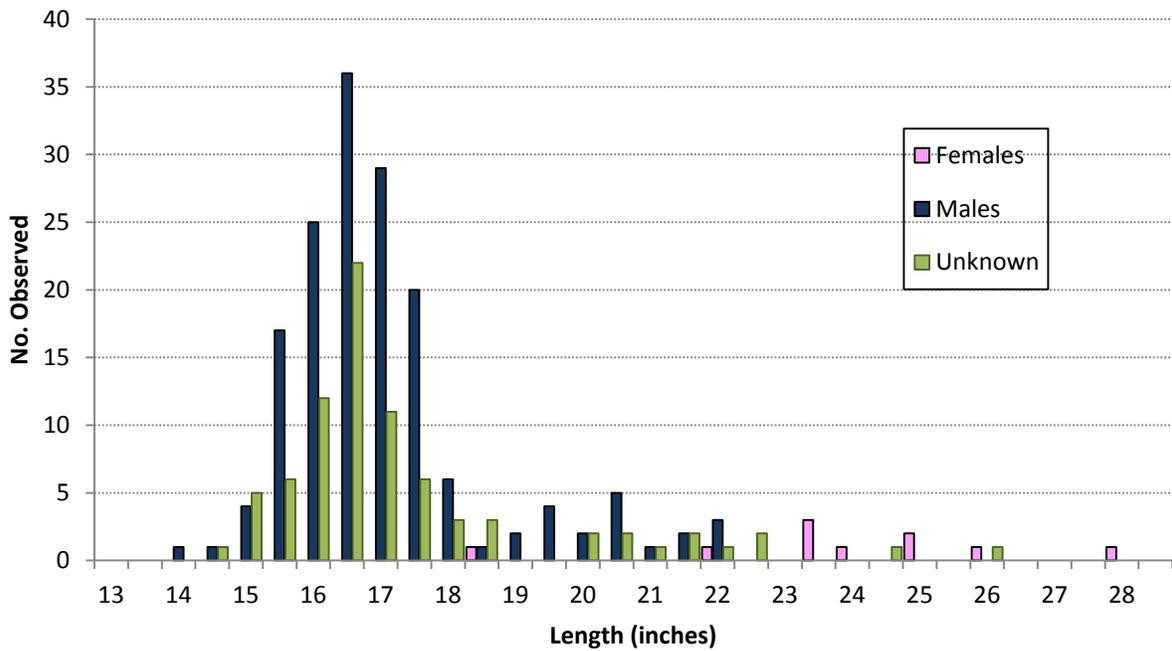


Figure 7. Length frequency distribution of all walleyes harvested by Fond du Lac Bandmembers on Mille Lacs Lake during the spring 2017 yellow perch net fishery. Harvest was from both Wealthwood and North Garrison landings, and are separated by males (blue bars), females (pink bars), and unknown individuals (green bars).

Table 19. Harvest of walleyes, northern pike, and yellow perch during the yellow perch gill net fishery on Mille Lacs Lake, Spring 2017, by the Fond du Lac Band.

Landing	Date	Gear Net	Data	
		Sum of Walleye Lbs	Sum of Northern Lbs	Sum of Perch Lbs
<b>NGarrison</b>	4/29/2017	55.8	32.0	15.8
	5/1/2017	6.0	23.4	7.6
	5/2/2017	21.2	20.0	36.2
	5/3/2017	42.0	21.8	19.4
	5/5/2017	34.0	22.4	7.8
	5/6/2017	82.0	25.8	8.4
<b>NGarrison Total</b>		<b>241.0</b>	<b>145.4</b>	<b>95.2</b>
<b>Wealthwood</b>	4/28/2017	36.4	69.0	15.6
	4/29/2017	34.4	4.6	0.0
	5/2/2017	50.8	33.0	23.0
	5/4/2017	35.2	7.8	18.4
	5/6/2017	44.4	30.4	11.0
<b>Wealthwood Total</b>		<b>201.2</b>	<b>144.8</b>	<b>68.0</b>
<b>Grand Total</b>		<b>442.2</b>	<b>290.2</b>	<b>163.2</b>

Harvest in 1854 Ceded Territory:

Due to the progression of spring and ice out, the short length of the season, and an ice storm in Lake and Cook Counties that left boat landings impassable for several days in May, FDL was only able to participate on two lakes within the 1854 Ceded Territory (Table 1). Harvest activities began on 12 April, and continued thru 27 April. FDL participated in the east basin of Lake Vermilion for five nights beginning on 18 April.

Netting for two nights was open on Prairie Lake (Tables 20 & 21). Pounds of walleye harvested by FDL was 29.8 pounds on Prairie Lake (Table 20A) and 288.6 pounds on Vermilion Lake (Table 20A). Total harvest of walleye in the 1854 Ceded Territory was 318.4 pounds of walleye (Table 20A). Harvest of walleyes was 17 fish on Prairie Lake and 247 fish on Lake Vermilion (Table 21A). Fond du Lac harvesters took 264 walleyes from 1854 Ceded Territory Lakes (Table 21A). Total harvest of northern pike from 1854 Ceded Territory lakes was 285.8 pounds (Table 20B) and 73 fish (Table 21B). Length frequency distributions of harvested walleyes and northern pike for most of the lakes are presented in Appendix 1.

The number of individual Bandmembers participating each night ranged from one (Prairie Lake, Table 22) to 12 (Vermilion Lake, Table 22). A total of 33 different individuals participated on 1854 lakes. The number of boats actually participating each night was again low (Table 23). It should be noted that on Lake Vermilion, the same boats participated in both spearing and netting each night.

Additional species harvested in 1854 lakes included yellow perch, tullibee / lake whitefish, burbot, white sucker, black crappie, bluegill, rock bass, bullhead, muskie, and pumpkinseed sunfish (Table 24).

### Lake Vermilion (East Basin)

Fond du Lac started spearing and netting activities on 18 April, and finished on the night of 22 April, for a total of five nights of spearing (Table 23). Total harvest for FDL was 288.6 pounds of walleye and 199.8 pounds of northern pike (Tables 20 A & B). Additional species harvested included yellow perch, tullibee and whitefish, burbot, white sucker, black crappie, largemouth and smallmouth bass (Table 24).

For FDL, participation ranged from five to 12 Band members per night (Table 22). The number of boats used ranged from one to five per night (Table 23).

A total of 247 walleyes were harvested by FDL (Table 21A). Lengths of walleye harvested ranged from 10.0 to 24.6 inches (Figure 8). RMD staff attempted to collect otoliths from five individuals per sex and per 0.5 inch class. Ages were interpreted from otoliths collected from 47 of the walleyes (Figure 9). The most common age observed was from the 2011 (age-6) (Figure 9). Walleye growth by sex is presented in Figure 10.

### Gill Netting within Inland Lakes:

Within both the 1837 and 1854 Ceded Territories, the FDL Band set nets on six of the lakes (Table 24). The number of nets set per night ranged from four (Pokegama Lake) to 50 nets (Vermilion) (Table 24). Mean harvest rates, as measured by pounds of walleye / net, ranged from 0.4 (Pokegama Lake) to 35.5 pounds (Green Lake) (Table 24). Overall catch rates averaged  $20.7 \pm 7.2$  pounds of walleye per net in the 1837 Ceded Territory Lakes and  $3.6 \pm 1.3$  pounds of walleye per net in the 1854 Ceded Territory Lakes (Table 25). Combining data from all lakes within both of the Ceded Territories produced a harvest rate of  $11.0 \pm 3.6$  pounds of walleye per net (Table 24). The median harvest rate was 4.0 pounds of walleye / net for the 99 nets set during the 2017 harvest season.

### Bandmember Participation and Harvest:

Sixty-six different Bandmembers participated in spearing and netting activities during the spring 2017 fishing season (Table 26). Bandmembers harvested between 0.0 and 273.7 pounds of walleye per individual, and between 0.0 to 95.6 pounds of northern pike (Table 26). Bandmembers harvested an average of  $56.6 \pm 14.9$  pounds of walleye per individual (median value of 44.8 pounds), and  $12.3 \pm 5.1$  pounds of northern pike (median value of 1.2 pounds).

Total walleye harvest within all lakes in the 1837 and 1854 Ceded Territories of Minnesota totaled 3753.8 pounds (Table 26). Total harvest of northern pike was 785.6 pounds (Table 26).

Tables 20A & B. Harvest (pounds) of walleye (A) and northern pike (B) on two lakes within the MN portion of the 1854 Ceded Territory during spring 2017 harvest season. Harvest is separated by spearing and netting.

**A. Pounds of Walleye**

Sum of Walleye Pounds			
Row Labels	Column Labels		Grand Total
	Prairie	Vermilion (East)	
<b>4/12/2017</b>			
Net	25.4		25.4
<b>4/18/2017</b>			
Net		36.6	36.6
Spears		1.8	1.8
<b>4/19/2017</b>			
Net		73.4	73.4
<b>4/20/2017</b>			
Net		3.2	3.2
Spears		52.2	52.2
<b>4/21/2017</b>			
Net		70	70
Spears		49.4	49.4
<b>4/22/2017</b>			
Net		2	2
<b>4/27/2017</b>			
Net	4.4		4.4
<b>Grand Total</b>	<b>29.8</b>	<b>288.6</b>	<b>318.4</b>

**B. Pounds of Northern Pike**

Sum of Northern Pike Pounds			
Row Labels	Column Labels		Grand Total
	Prairie	Vermilion (East)	
<b>4/12/2017</b>	<b>45.2</b>		<b>45.2</b>
Net	45.2		45.2
<b>4/18/2017</b>		<b>110.4</b>	<b>110.4</b>
Net		110.4	110.4
Spears		0	0
<b>4/19/2017</b>		<b>87.2</b>	<b>87.2</b>
Net		87.2	87.2
<b>4/20/2017</b>			
Net			
Spears			
<b>4/21/2017</b>		<b>2.2</b>	<b>2.2</b>
Net		2.2	2.2
Spears		0	0
<b>4/22/2017</b>		<b>0</b>	<b>0</b>
Net		0	0
<b>4/27/2017</b>	<b>40.8</b>		<b>40.8</b>
Net	40.8		40.8
<b>Grand Total</b>	<b>86</b>	<b>199.8</b>	<b>285.8</b>

Tables 21A and B. Harvest (number) of walleye (A) and northern pike (B) on two lakes within the MN portion of the 1837 Ceded Territory. Harvest is separated by spearing and netting, and is only for the Fond du Lac Band during spring 2017 harvest season.

**A. Walleye Numbers**

Sum of Walleye Number	Column Labels		Grand Total
Row Labels	Prairie	Vermilion (East)	Grand Total
<b>4/12/2017</b>			
Net	14		14
<b>4/18/2017</b>			
Net		27	27
Spear		2	2
<b>4/19/2017</b>			
Net		53	53
<b>4/20/2017</b>			
Net		3	3
Spear		54	54
<b>4/21/2017</b>			
Net		55	55
Spear		51	51
<b>4/22/2017</b>			
Net		2	2
<b>4/27/2017</b>			
Net	3		3
<b>Grand Total</b>	<b>17</b>	<b>247</b>	<b>264</b>

**B. Northern Pike Numbers**

Sum of Northern Pike Number	Column Labels		Grand Total
Row Labels	Prairie	Vermilion (East)	Grand Total
<b>4/12/2017</b>	<b>16</b>		<b>16</b>
Net	16		16
<b>4/18/2017</b>		<b>25</b>	<b>25</b>
Net		25	25
Spear		0	0
<b>4/19/2017</b>		<b>20</b>	<b>20</b>
Net		20	20
<b>4/20/2017</b>			
Net			
Spear			
<b>4/21/2017</b>		<b>1</b>	<b>1</b>
Net		1	1
Spear		0	0
<b>4/22/2017</b>		<b>0</b>	<b>0</b>
Net		0	0
<b>4/27/2017</b>	<b>11</b>		<b>11</b>
Net	11		11
<b>Grand Total</b>	<b>27</b>	<b>46</b>	<b>73</b>

Table 22. Fond du Lac Bandmembers participating each night within 1854 Ceded Territory Lakes during the 2017 spring harvest season. Data is separated by netters (GN) and spearers (SP). Data presented are the number of permits issued to each individual, as some individuals did receive multiple gill net permits on some of the nights.

Count of Bandmember Tribal ID	Column Labels	
	Row Labels	GN
<b>4/12/2017</b>		
<b>Prairie</b>		
3366	3	
<b>4/18/2017</b>		
<b>Vermilion</b>		
3091	2	1
4119	1	1
5209	1	1
4714	1	1
3588	1	1
6171	1	1
3587	1	1
4294	1	1
3700	1	1
6434	1	1
6432	2	1
6433	1	1
<b>4/19/2017</b>		
<b>Vermilion</b>		
3129	2	
5616	2	
3588	2	
3587	2	
3580	2	
6434	2	
6432	2	
6433	2	
3627	2	
4418	2	
<b>4/20/2017</b>		
<b>Vermilion</b>		
4649		1
4956		1
4611	1	1
5561		1
6252	1	1
<b>4/21/2017</b>		
<b>Vermilion</b>		
4611	1	1
3275	1	1
6252	1	1
4253	1	1

3221	1	1
6271	1	1
5733	1	1
5570	1	1
5949	1	1
5803	1	1
3094	1	1
3279	1	1
<b>4/22/2017</b>		
<b>Vermilion</b>		
3366	1	
<b>4/27/2017</b>		
<b>Prairie</b>		
3588	1	
3587	1	
3366	1	
<b>Grand Total</b>	<b>55</b>	<b>29</b>

Table 23. The number of boats used each night and on each lake by Fond du Lac Bandmembers while participating in 2017 spring harvest activities within the 1854 Ceded Territory of Minnesota.

Count of Unique No. Boats		Column Labels	
Row Labels		GN	SP
<b>4/12/2017</b>			
<b>Prairie</b>			
MN5430ET		1	
<b>4/12/2017 Total</b>		<b>1</b>	
<b>4/18/2017</b>			
<b>Vermilion</b>			
MN5011JK		1	1
MN5995FD		1	1
MN3169LA		1	1
<b>4/18/2017 Total</b>		<b>3</b>	<b>3</b>
<b>4/19/2017</b>			
<b>Vermilion</b>			
MN5995FD		1	
MN8313GN		1	
MN4197JV		1	
<b>4/19/2017 Total</b>		<b>3</b>	
<b>4/20/2017</b>			
<b>Vermilion</b>			
MN5052HG		1	1
MN3539FH			1
<b>4/20/2017 Total</b>		<b>1</b>	<b>2</b>
<b>4/21/2017</b>			
<b>Vermilion</b>			
MN5052HG		1	1
MN3638DB		1	1
MN6594JC			1
MN0594???		1	
MN4152ET		1	1
<b>4/21/2017 Total</b>		<b>4</b>	<b>4</b>
<b>4/22/2017</b>			
<b>Vermilion</b>			
MN5430ET		1	
<b>4/22/2017 Total</b>		<b>1</b>	
<b>4/27/2017</b>			
<b>Prairie</b>			
MN5430ET		1	
MN5995FD		1	
<b>4/27/2017 Total</b>		<b>2</b>	

Table 24. Harvest of additional species by Fond du Lac Bandmembers within lakes in the 1854 Ceded Territory of Minnesota during spring 2017 harvest activities.

Values	Column Labels	
	Prairie	Vermilion (East)
Sum of Yellow Perch Number		14
Sum of Yellow Perch Pounds		8.6
Sum of Tullibee / Lk Whitefish No.	1	184
Sum of Tullibee / Lk Whitefish Lbs.		186.2
Sum of Burbot No.	1.2	4
Sum of Burbot Lbs.		6.4
Sum of White Sucker No.	1	9
Sum of White Sucker Lbs.	1.2	14.2
Sum of Black Crappie No.	4	1
Sum of Black Crappie Lbs.	1.8	0.8
Sum of Largemouth Bass No.		1
Sum of Largemouth Bass Lbs.		2
Sum of Smallmouth Bass No.		2
Sum of Smallmouth Bass Lbs.		2.2

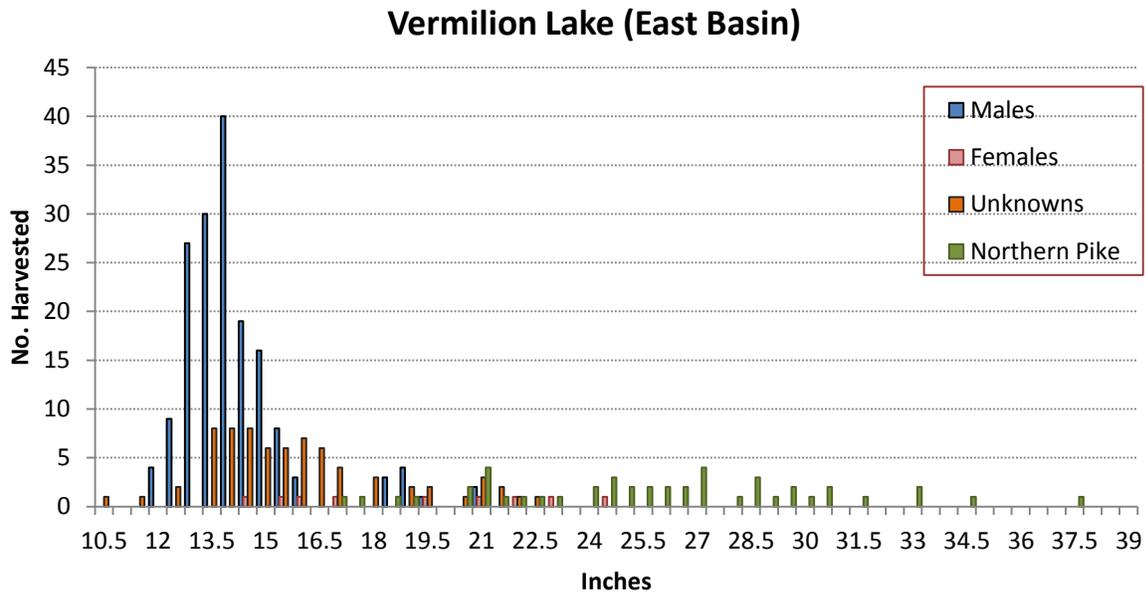


Figure 8. Length frequency distribution of walleyes (by sex) and northern pike harvested by the Fond du Lac Band from Lake Vermilion, April 2017.

### Age Frequency, Lake Vermilion

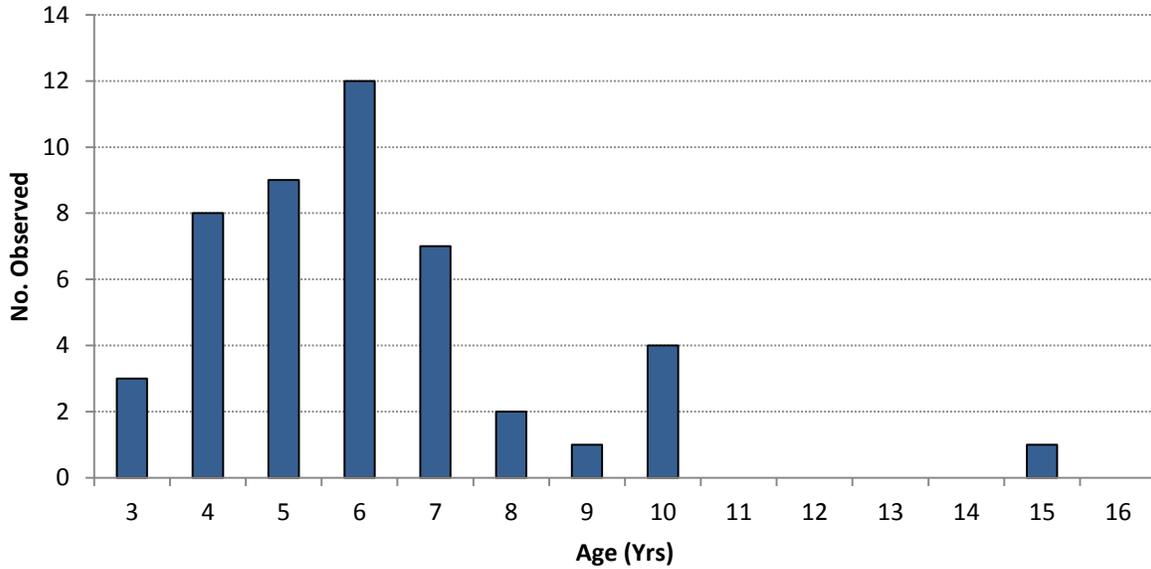


Figure 9. Age Frequency distribution of walleyes collected from Lake Vermilion during spring 2017 harvest activities. Ages were interpreted using otoliths.

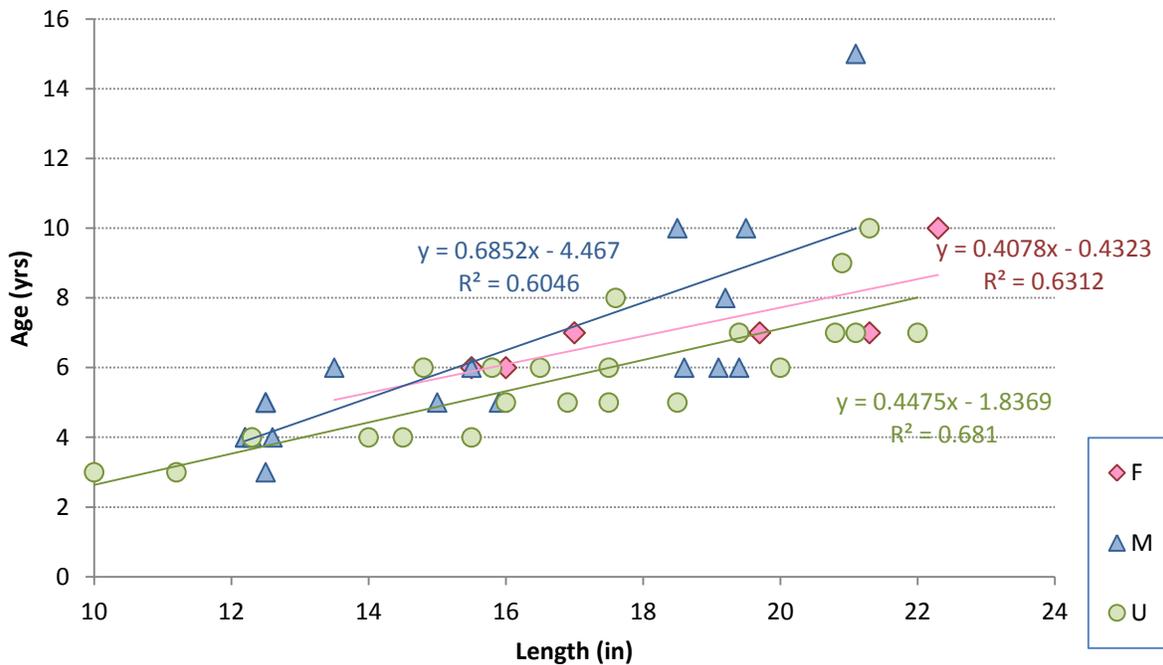


Figure 10. Length at age for male (blue squares), female (pink diamonds), and unknown sex (green circles) walleyes collected from Lake Vermilion during spring 2017 harvest activities. Interpreted ages were made using otoliths collected at the time of creeling.

Table 25. Mean (average) and median gill net catch rates for walleye and northern pike within 1837 and 1854 Ceded Territory lakes of Minnesota during spring 2017 harvest activities.

Row Labels	Values								
	Sum of No. Nets Set	Sum of Walleye Pounds	Sum of NOP Pounds	Mean Walleye No. / Net	Mean Walleye Lbs / Net	Median Walleye Lbs. / Net	Mean NOP No. / Net	Mean NOP Lbs / Net	Median NOP Lbs / Net
<b>1837</b>									
Green (Chisago)	17	543	296.4	18.5	35.5	33.2	5.5	18.3	16.8
Platte	7	118.4	32	9.3	18.8	10.2	2.0	4.7	2.8
South Long	15	241.8	202.8	8.6	15.3	12.2	6.0	13.0	12.0
Pokegama	4	2.4	38	0.2	0.4	0.0	2.0	6.3	0.0
<b>1837 Total</b>	<b>43</b>	<b>905.6</b>	<b>569.2</b>	<b>10.9 ± 3.9</b>	<b>20.7 ± 7.2</b>	<b>15.8</b>	<b>4.8 ± 1.6</b>	<b>12.5 ± 4.0</b>	<b>12.0</b>
<b>1854</b>									
Prairie	6	29.8	86	1.9	3.2	2.2	4.1	14.0	14.1
Vermilion (East)	50	185.2	199.8	2.8 ± 1.1	3.7 ± 1.4	2.4	0.9 ± 0.5	3.9 ± 3.0	0.0
<b>1854 Total</b>	<b>56</b>	<b>215</b>	<b>285.8</b>	<b>2.7 ± 1.0</b>	<b>3.6 ± 1.3</b>	<b>2.4</b>	<b>1.2 ± 0.6</b>	<b>4.8 ± 2.9</b>	<b>0.0</b>
<b>Grand Total</b>	<b>99</b>	<b>1120.6</b>	<b>855</b>	<b>6.3 ± 1.9</b>	<b>11.0 ± 3.6</b>	<b>4</b>	<b>2.7 ± 0.8</b>	<b>8.1 ± 2.5</b>	<b>3.2</b>

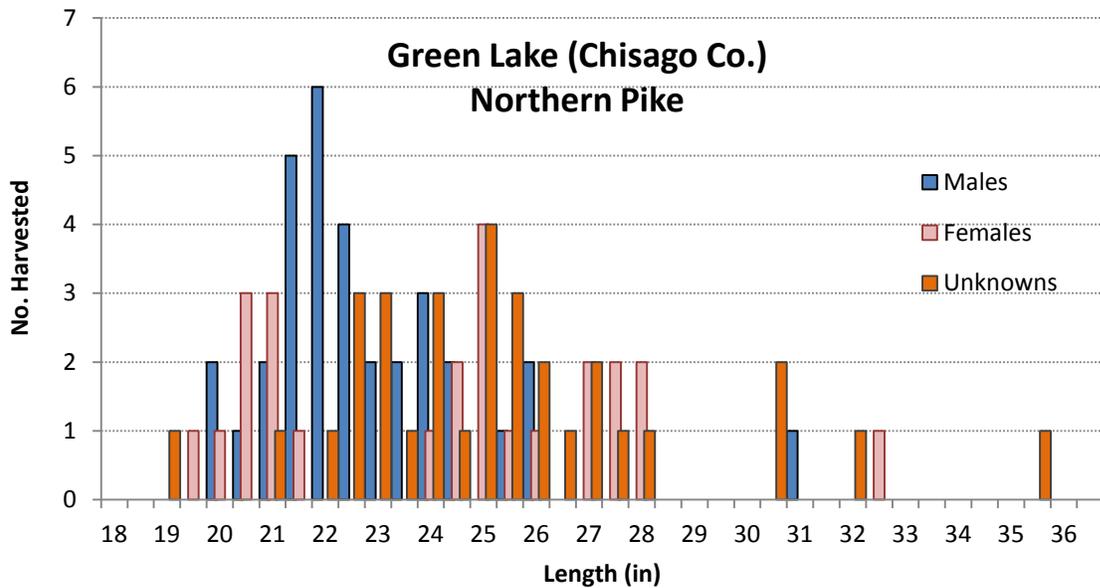
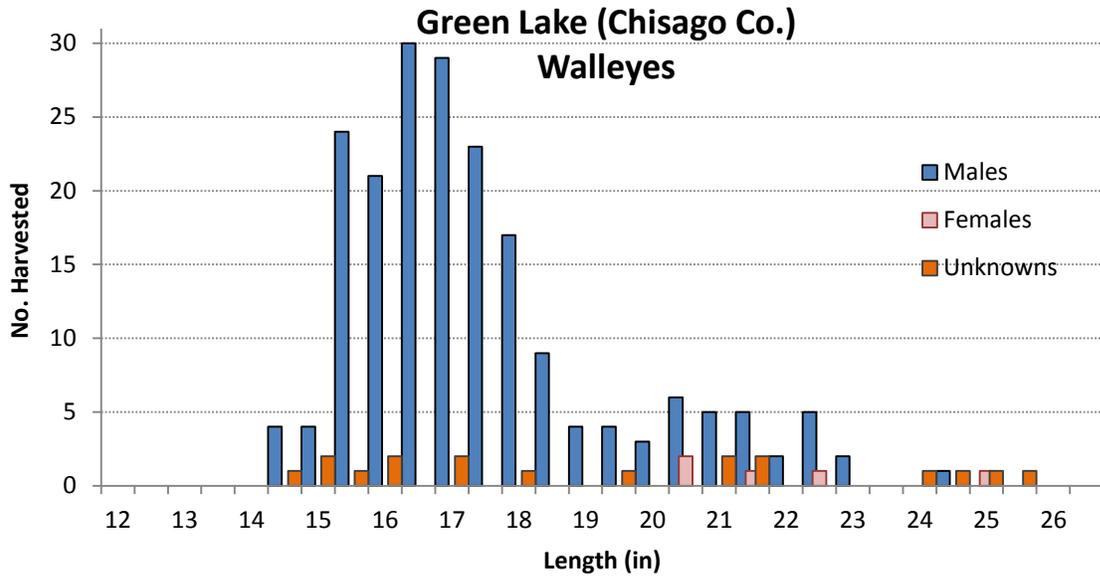
Table 26. Total pounds of walleye and northern pike harvested per Bandmember within 1837 and 1854 Ceded Territory lakes of Minnesota during spring 2017 harvest activities. Data includes harvest from Mille Lacs Lake and Lake Vermilion.

Row Labels	Sum of Lbs WAE	Sum of Lbs NOP	TOTAL POUNDS
3085	135.6	14.6	150.2
3091	87.1	9.0	96.1
3094	2.9	0.0	2.9
3117	66.4	15.2	81.6
3121	40.5	40.2	80.7
3129	44.9	0.0	44.9
3221	21.1	0.0	21.1
3240	2.2		2.2
3254	39.6	2.0	41.6
3275	49.3	13.2	62.5
3279	9.4	0.0	9.4
3291	48.3	0.0	48.3
3313	115.5	0.0	115.5
3353	119.0	0.0	119.0
3366	112.6	95.6	208.2
3550	119.0	0.0	119.0
3580	8.0	3.0	11.0
3587	10.8	29.2	40.0
3588	1.2	29.6	30.8
3596	26.0	1.2	27.2
3597	26.0	1.2	27.2
3627	35.0	7.6	42.6
3646	152.1	5.0	157.1
3698	58.9	0.0	58.9
3700	0.3	0.0	0.3
3778	209.8	12.0	221.8
3807	77.8	30.0	107.8
3814	109.8	31.8	141.6
3950	19.7	0.0	19.7
4119	101.9	26.4	128.3
4153	20.2	0.0	20.2
4253	8.3	0.0	8.3
4294	119.5	86.8	206.3
4418	1.2		1.2
4456	19.8	9.2	29.0
4473	87.6	62.4	150.0
4481	44.9	0.0	44.9

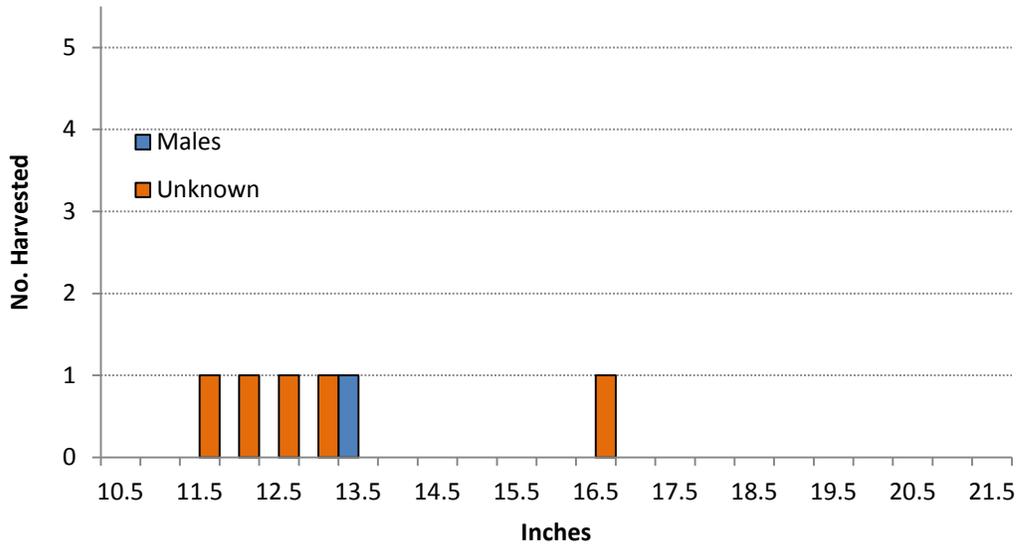
4533	47.8	10.0	57.8
4611	70.3	9.8	80.1
4649	273.7	36.6	310.3
4714	6.3	0.0	6.3
4769	58.9	0.0	58.9
4886	172.4	41.4	213.8
4947	47.7	0.0	47.7
4956	252.1	42.8	294.9
5019	23.2	0.0	23.2
5050	55.1	0.0	55.1
5136	82.2	19.0	101.2
5209	6.3	0.0	6.3
5391	58.9	0.0	58.9
5561	7.5	0.0	7.5
5570	3.6	0.0	3.6
5616	48.3	0.0	48.3
5733	8.0	0.0	8.0
5763	19.5	2.2	21.7
5803	14.7	0.0	14.7
5898	152.6	9.2	161.8
5949	8.4	2.2	10.6
5989	55.6	41.8	97.4
6171	0.2	0.0	0.2
6252	47.0	0.0	47.0
6271	0.0	0.0	0.0
6363	44.9	0.0	44.9
6432	9.2	26.4	35.6
6433	4.4	0.0	4.4
6434	5.4	19.0	24.4
<b>Grand Total</b>	<b>3735.8</b>	<b>785.6</b>	<b>4521.4</b>

Appendix 1. Length frequency distribution graphs for most of the lakes where the Fond du Lac Band harvested walleyes and northern pike during the spring 2017 harvest season. Lakes are separated by either 1837 or 1854 Ceded Territories.

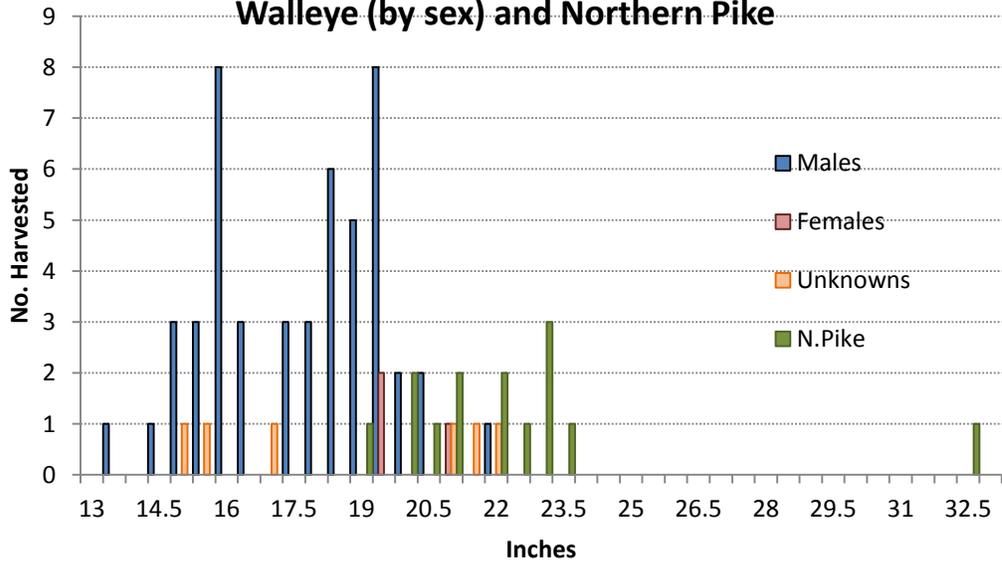
1837 Ceded Territory Lakes:



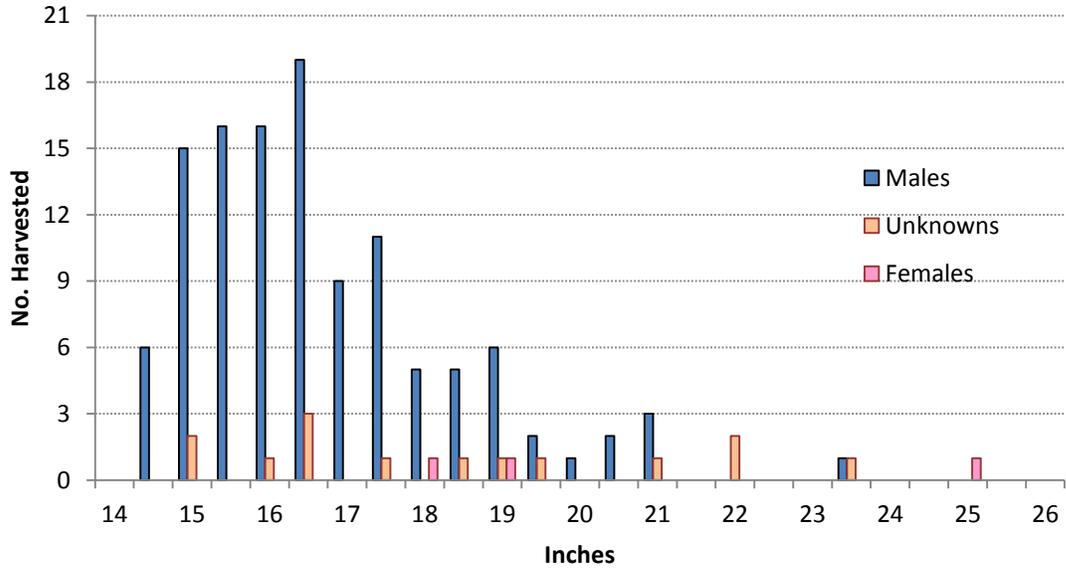
### Chisago Lake



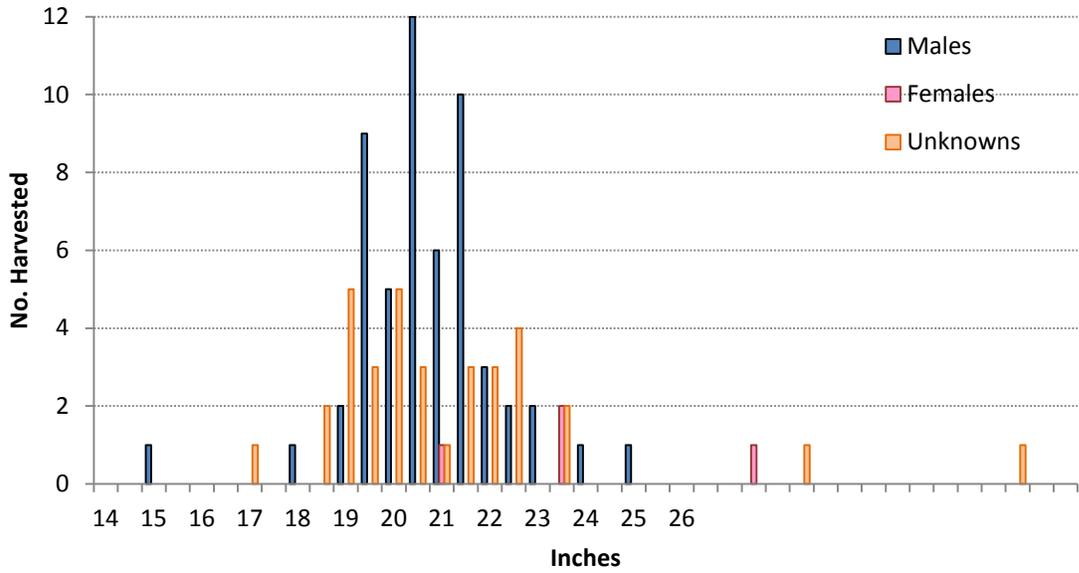
### Platte Lake Walleye (by sex) and Northern Pike



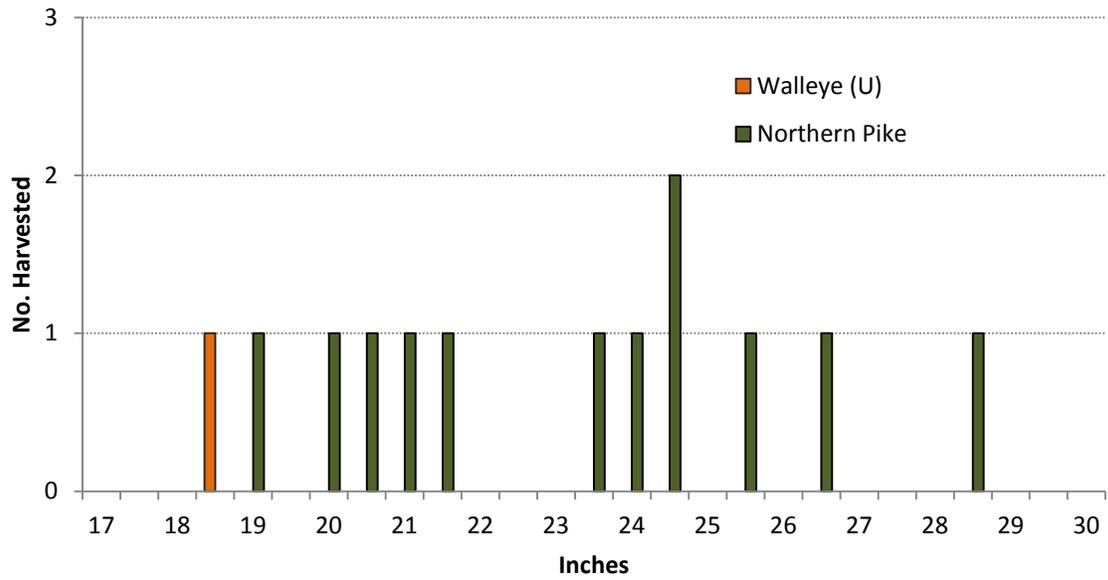
### South Long Lake, Walleyes



### South Long Lake, Northern Pike



## Pokegama Lake



1854 Ceded Territory Lakes:

## Prairie Lake

