

## Long Lake Tree Survey

Page 1 of 1

**Plot #** 101

Date June 15, 2018

Field crew AAW EKC

Weather conditions & plot notes breezy, 50° cloudy

### Trees (1 stem >2 cm DBH)

Check here if no trees

Continued on back?

### Shrubs (woody, 2+ stems, >1 meter height)

Check here if no shrubs

Continued on back?

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

## Long Lake Tree Survey

Page 1 of 1

**Plot #** P02

Date June 15, 2018

Field crew Alt EKC

**Weather conditions & plot notes** 50% clouds, breezy

### Trees (1 stem >2 cm DBH)

Check here if no trees

Continued on back? Yes No

### Shrubs (woody, 2+ stems, >1 meter height)

Check here if no shrubs

Continued on back? \_\_\_\_\_

### Trees (1 stem >2 cm DBH)

Shrubs (woody, 2+ stems, >1 meter height)

*If found, return to Dr. Althea ArchMiller, Concordia College, Moorhead, MN*

## Long Lake Tree Survey

Page 1 of 2Plot # f3Date June 15, 2018Field crew AAA EKCWeather conditions & plot notes Sunny Calm in woods

Trees (1 stem &gt;2 cm DBH)

Check here if no trees \_\_\_\_\_

Tag #	Species or Collection #	Distance	Direction	Height	DBH
	<i>Prunus serotina</i>	4.88	16°		2.4
	P. serotina	4.98	20		2.2
	<i>Populus tremuloides</i>	2.99	30		3.8
	P. tremuloides	2.04	40		3.7
38	Tilia americana	4.57	40		10.4
39	<del>F. nigra</del> Nigra	1.20	52		10.5
	<del>F. nigra</del> V. lentago	2.79	85		2.2
40	Tilia americana	4.26	100		6.5
	<i>Fraxinus nigra</i> out of plot				
41	Ironwood	2.48	190		8.6
42	<i>Populus tremuloides</i>	2.35	204		10.2
#	P. tremuloides	4.08	210		3.1
43	F. nigra	4.03	214		8.8

Continued on back? X

Shrubs (woody, 2+ stems, &gt;1 meter height)

Check here if no shrubs \_\_\_\_\_

Species or Collection #	Distance	Direction	~Stems	Height
P. nigra	2.93	52	1	1
P. nigra	0.7	120	1	1.25
P. nigra <del>Euro</del> European buckthorn	4.27	78	1	1.25
P. nigra	4.06	84	1	1.50
P. nigra	2.35	115	1	1.0
European buckthorn	3.72	120	1	3.0
P. nigra	3.44	124	1	9.5

Continued on back? X

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

Species or Collection #	Distance	Direction	~Stems	Height
<i>Prunus nigra</i>	3.92	204	2	3.5
<i>P nigra</i>	4.50	118	1	1.5
<i>P nigra</i>	3.70	214	2	1.0
<i>P nigra</i>	3.96	214	1	1.0
<del><i>P tremuloides</i> 04</del>	5.0	214	1	3.0
<i>P tremuloides</i>	84.6	214	1	4.0
<i>P nigra</i>	1.77	250	1	1.0

## Long Lake Tree Survey

Page 2 of 2

**Plot #** P3

Date June 15 2018

Field crew AA EC

## **Weather conditions & plot notes**

Trees (1 stem >2 cm DBH) Check here if no trees \_\_\_\_\_

Continued on back? \_\_\_\_\_

Shrubs (woody, 2+ stems, >1 meter height)  Check here if no shrubs \_\_\_\_\_

Species or Collection #	Distance	Direction	~Stems	Height
<i>Prunus nigra</i>	4.01	270	1	1.25
<i>P. Virginiana</i>	4.92	280	1	2.5
Buckthorn	1.3	320	1	1.5
<i>P. serotina</i>	4.27	358	1	2.0

Continued on back? \_\_\_\_\_

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

If found, return to Dr. Althea ArchMiller, Concordia College, Moorhead, MN

## Long Lake Tree Survey

Page 1 of 1

Plot # 84

Date June 15 2018

Field crew AFT EKC

**Weather conditions & plot notes** breezy, gusty, sunny 50% cloud

### Trees (1 stem >2 cm DBH)

Check here if no trees

Continued on back? \_\_\_\_\_

### Shrubs (woody, 2+ stems, >1 meter height)

Check here if no shrubs \_\_\_\_\_

Species or Collection #	Distance	Direction	~Stems	Height
unknown Poly-shrub	4.25	80	8	1.1
hawthorne Crataegus	3.70	110	53	4
Twin flower Linnaea	3.40	130	6	1.5

Continued on back? \_\_\_\_\_

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

*If found, return to Dr. Althea ArchMiller, Concordia College, Moorhead, MN*

loon flew over!

## Long Lake Tree Survey

**Plot #** P05

Date June 15, 2018

Field crew AAA EKC

Page \_\_\_\_\_ of \_\_\_\_\_

## **Weather conditions & plot notes**

breazy, warm, partly sunny

### Trees (1 stem >2 cm DBH)

Check here if no trees

Continued on back?

### Shrubs (woody, 2+ stems, >1 meter height)

Check here if no shrubs

Continued on back?

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

## Long Lake Tree Survey

Page 1 of 2Plot # P06Date June 15, 2018Field crew AA EKCWeather conditions & plot notes Sunny breezy

Trees (1 stem &gt;2 cm DBH)

Check here if no trees 

Tag #	Species or Collection #	Distance	Direction	Height	DBH
	sweet viburnum	2.95	10°	3.5	2.5
34	ironwood <del>American Hornbeam etc.</del>	2.76	22°		35.8.6
	Viburnum lentago	2.00	70°28'		2.5
	V. lentago	3.95	68 30		2.9
	V. lentago	3.72	80°40'		4.9
	V. lentago	1.94	86 48		4.0
35	Fraxinus pennsylvanica <sup>harry</sup>	2.15	50°10°		7.9
	V. lentago	1.80	150		2.2
	V. lentago	1.61	240		3.1
	V. virginiana	3.49	278		2.1
	V. virginiana	4.89	284		3.2
	V. lentago	3.92	284		2.5
36	Q. macrocarpa	4.92	292		15.0

Continued on back? 

Shrubs (woody, 2+ stems, &gt;1 meter height)

Check here if no shrubs 

Species or Collection #	Distance	Direction	~Stems	Height
Viburnum lentago Nannyberry	2.55	0°	1	2.5
Viburnum lentago sweet viburnum	4.10	18°	1	1.5
V. b. lentago	1.81	70°28'	1	2.5
V. lentago	2.3.03	68°	2	3.5
V. lentago	4.12	64	1	1.5
V. lentago	1.86	84	1	3.0
V. lentago	2.22	90	1	2.5

Continued on back?

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

Species or Collection #	Distance	Direction	~Stems	Height
<i>V. lentago</i>	4.25	102	1	1.25
<i>V. lentago</i>	3.40	114	2	2.5
<i>Ulmus</i> Slippery	3.56	114	1	4.5
<i>Prunus americana nigra</i>	3.55	150	1	1.0
<del>Black</del> <i>Prunus americana nigra</i>	3.60	160	1	1.5
<i>Prunus virginiana</i>	2.03	198	1	3.0
<i>Populus tremuloides</i>	2.95	200	1	2.0

If found, return to Dr. Althea ArchMiller, Concordia College, Moorhead, MN

## Long Lake Tree Survey

Page 2 of 2

Plot # 806

Date June 15, 2018

**Field crew** AM EKC

**Weather conditions & plot notes** Sunny, breezy

### Trees (1 stem >2 cm DBH)

Check here if no trees

Continued on back?

### Shrubs (woody, 2+ stems, >1 meter height)

**Check here if no shrubs**

Species or Collection #	Distance	Direction	~Stems	Height
<i>Prunus virginiana</i>	4.05	212	1	1.5
<i>P. virginiana</i>	2.24	224	1	2.0
<i>Viburnum</i> sp. (big teeth)	4.40	234	2	3.0
<i>Prunus virginiana</i>	4.47	238	1	2.0
<i>P. virginiana</i>	2.75	240	1	2.0
<i>V. lentago</i>	2.60	260	1	1.0
<i>V. sp.</i> (big teeth)	3.10	258	1	1.0

Continued on back?

# Shrubs

Trees (1 stem >2 cm DBH)

Tag #	Species or Collection #	Distance	Direction	Height	DBH
	<i>P. virginiana</i>	4.17	280	1	2.0
	<i>P. nigra</i>	<del>4.24</del> 2.89	280	1	1.0
	<i>P. nigra</i>	3.99	290	1	1.25
	<i>P. nigra</i>	3.8	292	8	1.25
	<del>V. lentago</del> <i>P. virginiana</i>	3.97	294	1	2.0
	<i>P. virginiana</i>	4.17	296	1	1.5
	<i>P. nigra</i>	3.60	300	1	1.25
	<i>P. virginiana</i>	4.03	300	1	3.0
	<i>P. nigra</i>	3.85	320	1	1.0
	<i>Viburnum</i> sp.	4.20	320	3	2.5
	<i>P. nigra</i>	4.73	334	1	1.0
	<i>V. virginiana</i>	3.68	334	1	1.5
	<i>V. lentago</i>	2.93	340	1	1.25
	<i>P. virginiana</i>	3.06	352	1	1.5
	<i>P. virginiana</i>	4.53	354	2	2.5

Shrubs (woody, 2+ stems, >1 meter height)

Species or Collection #	Distance	Direction	~Stems	Height
<i>P. virginiana</i>	3.11	250	1	1.5
<i>P. virginiana</i>	1.73	270	1	1.5
<i>P. americana nigra</i>	3.98	270	1	1.25
<i>P. nigra</i>	4.54	272	1	1.25
<i>P. nigra</i>	4.62	260	1	1.00
<i>P. virginiana</i>	4.97	280	1	2.0
<i>P. virginiana</i>	4.67	282	1	1.5

## Long Lake Tree Survey

Page 1 of 1Plot # P8Date June 15 2018Field crew MH EKCWeather conditions & plot notes mosquitos! humid still

Trees (1 stem &gt;2 cm DBH)

Check here if no trees 

Tag #	Species or Collection #	Distance	Direction	Height	DBH
	<i>Fraxinus pennsylvanica</i> 3.88	40			2.5
	F pennsylvanica	3.40	102		4.4
	F pennsylvanica	4.19	140		2.8
	F pennsylvanica	2.61	170		3.7
48	F pennsylvanica	2.30	170		7.4
49	F pennsylvanica	3.10	190		24.1
	F pennsylvanica	4.96	220		3.0
50	F pennsylvanica	3.28	330		9.1
	<del>F pennsylvanica out of plot</del>	344			

Continued on back? 

Shrubs (woody, 2+ stems, &gt;1 meter height)

Check here if no shrubs 

Species or Collection #	Distance	Direction	~Stems	Height

Continued on back?

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

## Long Lake Tree Survey

Page 3 of \_\_\_\_\_

**Plot #** \_\_\_\_\_

Date \_\_\_\_\_

**Field crew** \_\_\_\_\_

## **Weather conditions & plot notes**

Trees (1 stem >2 cm DBH)  Check here if no trees

Continued on back?

### Shrubs (woody, 2+ stems, >1 meter height)

Check here if no shrubs \_\_\_\_\_

Species or Collection #	Distance	Direction	~Stems	Height
E.B.	2.0	82°	2	2
E.B.	3.74	72°	3	3.5
P260-1	4.9	74°	5	2.5
E.B.	2.9	80°	1	2
E.B.	4.37	80°	1	2.5
E.B.	2.45	92°	2	1.5
E.B.	4.0	90°	2	2.0

Continued on back?

### Trees (1 stem >2 cm DBH)

### Shrubs (woody, 2+ stems, >1 meter height)

Species or Collection #	Distance	Direction	~Stems	Height
E.B.	2.75	98°	5	1.25
E.B.	0.51	110°	2	1.5
E.B.	1.52	106°	3	1.5
E B	4.7	100°	3	1.5
E B	4.53	100°	3	1.5
E.B.	4.2	106°	3	2.5
	4.3	110°	2	1.25