

Field Inventory Data of three Sample Locations

Site 1: Scio Woods Preserve

Collection Date: 9/27/2020					
Plot #	Tree #	Species Code	Species	DBH (cm)	Notes
1	1	ACSA	<i>Acer saccharum</i>	14.0	
	2	ACSA	<i>Acer saccharum</i>	17.3	
	3	TIAM	<i>Tilia americana</i>	41.7	
	4	TIAM	<i>Tilia americana</i>	47.4	
	5	TIAM	<i>Tilia americana</i>	51.4	
	6	TIAM	<i>Tilia americana</i>	31.0	
2	1	CAOV	<i>Carya ovata</i>	36.9	
3	1	ACSA	<i>Acer saccharum</i>	21.7	
	2	ACSA	<i>Acer saccharum</i>	19.2	
	3	ACSA	<i>Acer saccharum</i>	15.6	
	4	QUAL	<i>Quercus alba</i>	46.5	
	5	QUAL	<i>Quercus alba</i>	26.2	
	6	QUAL	<i>Quercus alba</i>	51.2	
4	0	N/A	N/A	N/A	no trees in this plot
5	1	AIAL	<i>Ailanthus altissima</i>	16.9	
6	1	QURU	<i>Quercus rubra</i>	43.8	
	2	CACO	<i>Carya cordiformis</i>	36.7	
7	1	ACSA	<i>Acer saccharum</i>	12.4	tag #1020 tag #1021 tag #1015
	2	ACSA	<i>Acer saccharum</i>	20.5	
	3	ACSA	<i>Acer saccharum</i>	15.1	
	4	ACSA	<i>Acer saccharum</i>	58.2	
	5	OSVI	<i>Ostrya virginiana</i>	21.5	
	6	FAGR	<i>Fagus grandifolia</i>	17.4	
	7	TIAM	<i>Tilia americana</i>	28.0	
	8	PRSE	<i>Prunus serotina</i>	30.0	
	9	PRSE	<i>Prunus serotina</i>	29.9	
8	1	ACSA	<i>Acer saccharum</i>	16.2	
	2	CACO	<i>Carya cordiformis</i>	29.5	
	3	ACSA	<i>Acer saccharum</i>	12.3	
	4	TIAM	<i>Tilia americana</i>	44.3	
	5	ACSA	<i>Acer saccharum</i>	19.8	
9	1	ACSA	<i>Acer saccharum</i>	36.1	
	2	QUAL	<i>Quercus alba</i>	48.6	
	3	ACSA	<i>Acer saccharum</i>	16.1	
	4	ACSA	<i>Acer saccharum</i>	13.7	
10	1	CACO	<i>Carya cordiformis</i>	40.4	
	2	TIAM	<i>Tilia americana</i>	23.2	
	3	ACSA	<i>Acer saccharum</i>	20.7	
	4	ACSA	<i>Acer saccharum</i>	19.5	
	5	ACSA	<i>Acer saccharum</i>	13.3	
	6	CACO	<i>Carya cordiformis</i>	18.8	

Collection Date: 10/5/2020					
Plot #	Tree #	Species Code	Species	DBH (cm)	Notes
11	1	OSVI	<i>Ostrya virginiana</i>	15.9	
	2	OSVI	<i>Ostrya virginiana</i>	16.1	
	3	OSVI	<i>Ostrya virginiana</i>	13.3	
	4	ACSA	<i>Acer saccharum</i>	17.1	
	5	JUNI	<i>Juglans nigra</i>	37.4	

Site 1: Scio Woods Preserve (cont'd)

12	1	ACSA	<i>Acer saccharum</i>	14.7	
	2	QUAL	<i>Quercus alba</i>	28.4	
	3	QURU	<i>Quercus rubra</i>	13.4	
	4	ACSA	<i>Acer saccharum</i>	16.9	
	5	TIAM	<i>Tilia americana</i>	25.3	
	6	CAOV	<i>Carya ovata</i>	35.7	
	7	QUAL	<i>Quercus alba</i>	49.0	
	8	CAGL	<i>Carya glabra</i>	19.7	
13	0	N/A	N/A	N/A	no trees in this plot
14	1	QUAL	<i>Quercus alba</i>	47.5	
	2	CAOV	<i>Carya ovata</i>	36.5	
	3	QUAL	<i>Quercus alba</i>	32.8	
	4	ACSA	<i>Acer saccharum</i>	16.0	
	5	CAGL	<i>Carya glabra</i>	36.9	
15	0	N/A	N/A	N/A	no trees in this plot
16	1	FAGR	<i>Fagus grandifolia</i>	33.2	
	2	CAGL	<i>Carya glabra</i>	25.9	
	3	ACSA	<i>Acer saccharum</i>	19.2	
17	1	QUAL	<i>Quercus alba</i>	25.1	
	2	QUAL	<i>Quercus alba</i>	21.8	
	3	TIAM	<i>Tilia americana</i>	14.3	
	4	TIAM	<i>Tilia americana</i>	11.0	
	5	QURU	<i>Quercus rubra</i>	35.9	
	6	CAGL	<i>Carya glabra</i>	21.2	
	7	CAGL	<i>Carya glabra</i>	14.5	
	8	QUAL	<i>Quercus alba</i>	15.7	
	9	TIAM	<i>Tilia americana</i>	16.8	
	10	ACSA	<i>Acer saccharum</i>	11.9	
	11	OSVI	<i>Ostrya virginiana</i>	11.0	
18	1	TIAM	<i>Tilia americana</i>	26.4	*near big trees! 82cm dbh!!
	2	ACSA	<i>Acer saccharum</i>	49.9	
	3	ACSA	<i>Acer saccharum</i>	15.4	
19	1	QUAL	<i>Quercus alba</i>	58.5	
	2	ACSA	<i>Acer saccharum</i>	25.8	
	3	QUAL	<i>Quercus alba</i>	57.4	
	4	ACSA	<i>Acer saccharum</i>	30.6	
	5	ACSA	<i>Acer saccharum</i>	44.2	
20	1	ACSA	<i>Acer saccharum</i>	46.7	frog and pawpaw
	2	ACSA	<i>Acer saccharum</i>	42.2	
21	1	FAGR	<i>Fagus grandifolia</i>	11.2	

Collection Date: 10/6/2020

Plot #	Tree #	Species Code	Species	DBH (cm)	Notes
22	1	JUNI	<i>Juglans nigra</i>	10.8	
	2	SAAL	<i>Salix alba</i>	15.1	
	3	SAAL	<i>Salix alba</i>	21.9	
	4	LITU	<i>Liriodendron tulipifera</i>	18.0	
	5	LITU	<i>Liriodendron tulipifera</i>	12.3	
	6	LITU	<i>Liriodendron tulipifera</i>	17.3	
23	1	PODE	<i>Populus deltoides</i>	52.0	plot from 9/27 points
	2	CAOV	<i>Carya ovata</i>	32.7	

Site 1: Scio Woods Preserve (cont'd)

24	1	TIAM	<i>Tilia americana</i>	58.3	
	2	CAGL	<i>Carya glabra</i>	38.0	
	3	ACSA	<i>Acer saccharum</i>	14.6	
	4	ACSA	<i>Acer saccharum</i>	16.6	
25	1	ACSA	<i>Acer saccharum</i>	12.3	plot from 9/27 points
	2	QUAL	<i>Quercus alba</i>	63.1	
26	1	ACSA	<i>Acer saccharum</i>	15.4	
	2	JUNI	<i>Juglans nigra</i>	31.4	
	3	PRSE	<i>Prunus serotina</i>	18.3	
	4	ACSA	<i>Acer saccharum</i>	22.8	
27	1	ACSA	<i>Acer saccharum</i>	10.9	
	2	CACO	<i>Carya cordiformis</i>	44.4	
	3	ACSA	<i>Acer saccharum</i>	14.2	
	4	ACSA	<i>Acer saccharum</i>	19.8	
	5	ACSA	<i>Acer saccharum</i>	23.4	
	6	ACSA	<i>Acer saccharum</i>	16.5	
	7	ACSA	<i>Acer saccharum</i>	13.5	
	8	ACSA	<i>Acer saccharum</i>	14.9	
	9	ACSA	<i>Acer saccharum</i>	21.4	
28	1	ACSA	<i>Acer saccharum</i>	63.2	
	2	PODE	<i>Populus deltoides</i>	39.0	
	3	ACSA	<i>Acer saccharum</i>	50.1	
29	1	ACSA	<i>Acer saccharum</i>	18.8	
	2	ACSA	<i>Acer saccharum</i>	18.7	
	3	ACSA	<i>Acer saccharum</i>	20.2	
	4	ACSA	<i>Acer saccharum</i>	17.5	
	5	ACSA	<i>Acer saccharum</i>	46.7	
	6	ACSA	<i>Acer saccharum</i>	19.4	
	7	ACSA	<i>Acer saccharum</i>	19.7	
30	1	TIAM	<i>Tilia americana</i>	50.3	
	2	ACSA	<i>Acer saccharum</i>	21.9	
	3	ACSA	<i>Acer saccharum</i>	52.1	
	4	ACSA	<i>Acer saccharum</i>	13.0	
	5	ACSA	<i>Acer saccharum</i>	13.1	
31	1	OSVI	<i>Ostrya virginiana</i>	11.0	plot from 9/27 points
	2	PRSE	<i>Prunus serotina</i>	27.0	
	3	ACSA	<i>Acer saccharum</i>	12.9	
	4	PRSE	<i>Prunus serotina</i>	19.3	
	5	OSVI	<i>Ostrya virginiana</i>	12.4	
32	1	ACSA	<i>Acer saccharum</i>	10.9	plot from 9/27 points
	2	ACSA	<i>Acer saccharum</i>	13.9	
	3	ACSA	<i>Acer saccharum</i>	18.3	
33	1	ACSA	<i>Acer saccharum</i>	33.1	plot from 9/27 points
	2	ACSA	<i>Acer saccharum</i>	16.6	
	3	CAGL	<i>Carya glabra</i>	20.6	
	4	TIAM	<i>Tilia americana</i>	17.7	
	5	TIAM	<i>Tilia americana</i>	28.6	

Site 2: Brauer Preserve

Collection Date: 10/10/2020					
Plot #	Tree #	Species Code	Species	DBH (cm)	Notes
1	1	ACRU	<i>Acer rubrum</i>	28.5	
	2	ACRU	<i>Acer rubrum</i>	43.1	
	3	ACRU	<i>Acer rubrum</i>	23.4	
	4	QUMA	<i>Quercus macrocarpa</i>	47.0	
	5	QUMA	<i>Quercus macrocarpa</i>	27.0	
	6	ACRU	<i>Acer rubrum</i>	37.1	
2	1	PRSE	<i>Prunus serotina</i>	30.2	plot is in poison ivy patch
	2	QURU	<i>Quercus rubra</i>	34.4	
	3	ACRU/ACSA	<i>Acer ---</i>	100.2	
3	1	ACRU	<i>Acer rubrum</i>	67.9	
	2	ACRU	<i>Acer rubrum</i>	36.5	
	3	ACRU	<i>Acer rubrum</i>	34.2	
	4	ACRU	<i>Acer rubrum</i>	29.9	
4	1	ACSA*	<i>Acer saccharinum</i>	19.9	
	2	ACSA*	<i>Acer saccharinum</i>	20.4	
5	1	ACSA*	<i>Acer saccharinum</i>	24.7	
	2	ACSA*	<i>Acer saccharinum</i>	34.9	
	3	ACSA*	<i>Acer saccharinum</i>	42.0	
6	1	ACSA*	<i>Acer saccharinum</i>	62.1	
	2	ACSA*	<i>Acer saccharinum</i>	51.6	
	3	ACSA*	<i>Acer saccharinum</i>	50.4	
	4	ULAM	<i>Ulmus americana</i>	14.8	
7	0	N/A	N/A	N/A	no trees in this plot
8	1	POGR	<i>Populus grandidentata</i>	26.6	
	2	ULAM	<i>Ulmus americana</i>	21.5	
9	1	ACSA	<i>Acer saccharum</i>	67.5	
10	1	ACSA	<i>Acer saccharum</i>	80.9	
	2	ULAM	<i>Ulmus americana</i>	22.8	
	3	ULAM	<i>Ulmus americana</i>	26.1	
	4	ULAM	<i>Ulmus americana</i>	22.0	
11	1	ACSA*	<i>Acer saccharinum</i>	52.7	
	2	ULAM	<i>Ulmus americana</i>	11.8	
	3	ACSA*	<i>Acer saccharinum</i>	28.6	
	4	ACSA*	<i>Acer saccharinum</i>	37.4	
12	1	ACRU	<i>Acer rubrum</i>	36.6	
	2	ACRU	<i>Acer rubrum</i>	44.4	
13	1	ACSA*	<i>Acer saccharinum</i>	20.5	
	2	ACSA*	<i>Acer saccharinum</i>	36.4	
	3	ACSA*	<i>Acer saccharinum</i>	41.3	
14	0	N/A	N/A	N/A	no trees in this plot
15	1	JUNI	<i>Juglans nigra</i>	26.5	
	2	ULAM	<i>Ulmus americana</i>	20.8	
	3	ULAM	<i>Ulmus americana</i>	14.5	

Site 2: Brauer Preserve (cont'd)

Collection Date: 10/24/2020					
Plot #	Tree #	Species Code	Species	DBH (cm)	Notes
16	1	ACSA*	<i>Acer saccharinum</i>	54.3	6 ft. buttonbush!
	2	ACSA*	<i>Acer saccharinum</i>	17.6	
	3	ACSA*	<i>Acer saccharinum</i>	17.4	
	4	ACSA*	<i>Acer saccharinum</i>	24.6	connected at base
	5	ACSA*	<i>Acer saccharinum</i>	18.7	
	6	ACSA*	<i>Acer saccharinum</i>	38.6	
17	1	ACSA*	<i>Acer saccharinum</i>	42.6	
	2	ACSA*	<i>Acer saccharinum</i>	18.2	
	3	ACSA*	<i>Acer saccharinum</i>	25.6	connected at base
	4	ACSA*	<i>Acer saccharinum</i>	34.4	
	5	ACSA*	<i>Acer saccharinum</i>	10.0	
	6	ACSA*	<i>Acer saccharinum</i>	23.6	
	7	ACSA*	<i>Acer saccharinum</i>	28.2	
	8	ACSA*	<i>Acer saccharinum</i>	65.7	
	9	ACSA*	<i>Acer saccharinum</i>	57.3	
18	1	PRSE	<i>Prunus serotina</i>	17.7	
	2	ACSA*	<i>Acer saccharinum</i>	12.5	
	3	ACSA*	<i>Acer saccharinum</i>	24.5	
	4	ACSA*	<i>Acer saccharinum</i>	15.4	
19	1	ACSA*	<i>Acer saccharinum</i>	23.4	
	2	ACSA*	<i>Acer saccharinum</i>	12.3	
	3	ULAM	<i>Ulmus americana</i>	22.0	
20	0	N/A	N/A	N/A	*Northern hackberry and common elder
21	1	ACSA*	<i>Acer saccharinum</i>	34.6	
	2	ACSA*	<i>Acer saccharinum</i>	27.8	
22	1	FRAM	<i>Fraxinus americana</i>	15.2	*bittersweet nightshade in plot
23	1	PRSE	<i>Prunus serotina</i>	12.7	
	2	QUVE	<i>Quercus velutina</i>	88.6	connected at base
	3	QUVE	<i>Quercus velutina</i>	43.6	
	4	QUVE	<i>Quercus velutina</i>	58.6	measured above split at height of 1.5m
24	1	PRSE	<i>Prunus serotina</i>	11.3	
	2	ULAM	<i>Ulmus americana</i>	24.9	
	3	PRSE	<i>Prunus serotina</i>	22.1	
	4	ACRU	<i>Acer rubrum</i>	17.1	
	5	ULAM	<i>Ulmus americana</i>	11.0	
	6	PRSE	<i>Prunus serotina</i>	18.6	
	7	QUVE	<i>Quercus velutina</i>	72.2	

*all ACSA in Brauer Preserve are silver maples, except in Plots 9 & 10 which are sugar maples

Site 3: Creekshead Preserve

Collection Date: 10/25/2020					
Plot #	Tree #	Species Code	Species	DBH (cm)	Notes
1	1	ACSA	<i>Acer saccharum</i>	21.9	
	2	CACO	<i>Carya cordiformis</i>	34.0	
	3	ACSA	<i>Acer saccharum</i>	12.0	
	4	TIAM	<i>Tilia americana</i>	44.8	
	5	ACSA	<i>Acer saccharum</i>	12.9	
	6	CACO	<i>Carya cordiformis</i>	30.6	
	7	ACSA	<i>Acer saccharum</i>	22.4	
2	1	QUMA	<i>Quercus macrocarpa</i>	19.3	
	2	QUMA	<i>Quercus macrocarpa</i>	13.7	
	3	QURU	<i>Quercus rubra</i>	34.1	
	4	QUMA	<i>Quercus macrocarpa</i>	17.1	
	5	QUMA	<i>Quercus macrocarpa</i>	32.1	
	6	QUMA	<i>Quercus macrocarpa</i>	19.5	
	7	QUMA	<i>Quercus macrocarpa</i>	19.2	
	8	QUMA	<i>Quercus macrocarpa</i>	13.5	
	9	ACSA	<i>Acer saccharum</i>	23.6	
	10	ACNI	<i>Acer nigrum</i>	15.0	
3	1	ACSA	<i>Acer saccharum</i>	11.7	
	2	TIAM	<i>Tilia americana</i>	18.2	
	3	TIAM	<i>Tilia americana</i>	48.9	
	4	ACSA	<i>Acer saccharum</i>	10.3	
	5	TIAM	<i>Tilia americana</i>	53.2	connected at base
	6	TIAM	<i>Tilia americana</i>	21.5	
	7	ACSA	<i>Acer saccharum</i>	30.6	
4	1	QURU	<i>Quercus rubra</i>	79.9	
	2	ACSA	<i>Acer saccharum</i>	41.6	connected at base
	3	ACSA	<i>Acer saccharum</i>	14.2	
5	1	TIAM	<i>Tilia americana</i>	22.9	
	2	FAGR	<i>Fagus grandifolia</i>	13.5	
	3	TIAM	<i>Tilia americana</i>	14.5	
	4	FAGR	<i>Fagus grandifolia</i>	27.6	
	5	TIAM	<i>Tilia americana</i>	45.9	
	6	FAGR	<i>Fagus grandifolia</i>	27.8	
6	1	FAGR	<i>Fagus grandifolia</i>	32.2	
	2	FAGR	<i>Fagus grandifolia</i>	36.0	
	3	ACSA	<i>Acer saccharum</i>	14.2	
	4	FAGR	<i>Fagus grandifolia</i>	14.0	
7	1	TIAM	<i>Tilia americana</i>	29.0	
	2	ACSA	<i>Acer saccharum</i>	10.2	
	3	ACSA	<i>Acer saccharum</i>	18.9	
	4	FAGR	<i>Fagus grandifolia</i>	11.2	

Site 3: Creekshead Preserve (cont'd)

8	1	ACSA	<i>Acer saccharum</i>	12.8	
	2	ACSA	<i>Acer saccharum</i>	48.7	
	3	FAGR	<i>Fagus grandifolia</i>	47.7	
9	1	QURU	<i>Quercus rubra</i>	26.0	
	2	ACSA	<i>Acer saccharum</i>	41.7	
	3	ACSA	<i>Acer saccharum</i>	16.0	
	4	FAGR	<i>Fagus grandifolia</i>	11.3	
	5	FAGR	<i>Fagus grandifolia</i>	12.5	
10	1	TIAM	<i>Tilia americana</i>	64.3	
	2	TIAM	<i>Tilia americana</i>	24.5	connected at base
	3	TIAM	<i>Tilia americana</i>	11.2	
	4	QURU	<i>Quercus rubra</i>	16.7	
11	1	ACRU	<i>Acer rubrum</i>	16.5	
	2	ACRU	<i>Acer rubrum</i>	41.3	
	3	ACRU	<i>Acer rubrum</i>	42.2	
	4	ACRU	<i>Acer rubrum</i>	15.5	
	5	ACRU	<i>Acer rubrum</i>	39.3	
	6	ACRU	<i>Acer rubrum</i>	27.0	connected at base
	7	ACRU	<i>Acer rubrum</i>	21.7	
	8	ACSA*	<i>Acer saccharinum</i>	32.0	
12	1	TIAM	<i>Tilia americana</i>	17.0	
	2	ACSA	<i>Acer saccharum</i>	14.2	
	3	ACSA	<i>Acer saccharum</i>	13.1	
	4	TIAM	<i>Tilia americana</i>	32.9	
	5	ACSA	<i>Acer saccharum</i>	18.0	

* all ACSA at Creekshead Preserve are sugar maples, except for Plot 8 which is a silver maple