

DATA SHEET #1. Density of "Very Small" Trees (Less than 0.5 m tall in 1-m² quadrats)

Site Tawawa Woods – Green Hall Tract Date May 14, 15, 16, 2002

Location: Just northwest and down-slope from Green Hall-CSU, Wilberforce, OH.

		Number of "Very Small" in Each Quadrat																			
<u>Enter Suitable Plot Numbers -></u> Species Names (below):	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Sugar Maple	1	2	6				2	1						20	3	3			3	2	2
Black Cherry						1	1					1									
White Ash	4	6				4		5	3	3	1			1							
Red Elm		1	2			2				4				10	1				3	2	1
Hop Hornbeam				2										1							
Red Maple		2	5	3	2						2	6							2		5
Boxelder	1						1			1				1			1		2	1	
Red Oak																					1

DATA SHEET #2. Density of "Small" Trees (Over 0.5 m tall, but less than 2.5 cm DBH, in 10-m² plots)

		Number of "Small" in Each 10-m ² circle plot																			
<u>Enter Suitable Plot Numbers -></u> Species Names (below):	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Sugar Maple			1	1		3	5							6	2					1	
Black Cherry			1												4						
White Ash			7																		
Bitternut Hickory						2															
Basswood						1															
White Oak														1							
Red Oak			1																		

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DATA SHEET #3. Point-Quarter Sampling

Site Tawawa Woods – Green Hall Tract Date May 14, 15, 16, 2002

	Sample Point <u>1</u>		Sample Point <u>2</u>		Sample Point <u>3</u>		Sample Point <u>4</u>	
	Medium	Large	Medium	Large	Medium	Large	Medium	Large
Quad #1 Species	Sugar Maple	Tulip Poplar	Sugar Maple	Sugar Maple	Red Oak	Red Maple	Sugar Maple	Red Oak
DBH	12.3	30.2	5.2	13.0	5	14	7.8	23.8
D	5.9	5.7	.6	2.8	1.65	10	1.5	2.25
Quad #2 Species	Sugar Maple	Sugar Maple	Sugar Maple	Black Cherry	Red Oak	Red Oak	American Beech	Red Oak
DBH	8.3	15.2	6.6	19.2	3.5	61.5	2.5	22.3
D	5.35	5.1	2.05	4.55	1.25	3.61	2.16	3.3
Quad #3 Species	Sugar Maple	Cotton- wood	Sugar Maple	Sugar Maple	Sugar Maple	Red Oak	Sugar Maple	Sassafras
DBH	12.5	35.5	5.5	15.0	2.5	60	7.2	21.3
D	9.1	5.2	5.62	2.75	2.2	4.82	1.17	5.31
Quad #4 Species	Sugar Maple	Cotton- wood	Sugar Maple	Red Elm	Black Cherry	Pignut Hickory	Sugar Maple	Sugar Maple
DBH	8.0	31.8	5.2	21.8	6	40	5.7	13.7
D	7.9	5.3	4.45	6.55	.9	6.1	2.23	2.05
	Sample Point <u>5</u>		Sample Point <u>6</u>		Sample Point <u>7</u>		Sample Point <u>8</u>	
Quad #1 Species	Sugar Maple	Sugar Maple	Black Cherry	Sugar Maple	Sugar Maple	Sugar Maple	Sugar Maple	Tulip Poplar
DBH	8.0	17.6	2.6	61.4	4.0	18.5	4	20
D	.6	5.05	6.02	2.21	7.7	1.9	5.3	2.5
Quad #2 Species	Sugar Maple	Tulip Poplar	Sugar Maple	Sugar Maple	Sugar Maple	American Beech	Sugar Maple	Red Elm
DBH	5.2	30.3	3.1	27.0	4	43	3.5	15
D	1.43	7.4	3.77	7.1	2.4	3.1	1.96	5.5
Quad #3 Species	Sugar Maple	Black Cherry	Sugar Maple	Sugar Maple	Red Bud	Basswood	Sugar Maple	Tulip Poplar
DBH	7.3	17.5	2.2	15.0	10.8	35	2.5	45.5
D	4.0	1.85	.7	2.9	2.43	5.25	0.83	5.3
Quad #4 Species	Red Maple	Red Oak	Sugar Maple	White Ash	Redbud	Cotton- wood	Sugar Maple	Black Cherry
DBH	7.4	17.3	2.5	62.9	4.7	28	4.5	20
D	2.77	6.8	4.65	5.85	2.05	7.67	1.82	6.3

DATA SHEET #3. Point-Quarter Sampling*

	Sample Point <u>9</u>		Sample Point <u>10</u>		Sample Point <u>11</u>		Sample Point <u>12</u>	
	Medium	Large	Medium	Large	Medium	Large	Medium	Large
Quad #1 Species	Sugar Maple	Sugar Maple	Sugar Maple	Sugar Maple	Sugar Maple	American Beech	America Beech	Pignut Hickory
DBH	4.8	14.8	3.0	14.0	5.0	48.5	5.3	45.4
D	11	2.66	1.49	1.89	3.0	12.15	2.95	2.09
Quad #2 Species	Sugar Maple	Sugar Maple	Sugar Maple	American Beech	American Beech	Cotton- wood	Sugar Maple	Tulip Poplar
DBH	7.5	19	4.2	42	6.2	18.0	6.3	31.3
D	3	4	1.1	9.15	2.13	2.9	3.22	8.19
Quad #3 Species	Red Maple	Red Maple	Sugar Maple	Sugar Maple	Hawthorn	Cotton- wood	Red Oak	White Oak
DBH	5.7	13.7	2.75	17	6.5	18	5.1	18.3
D	4.13	3.3	3.0	6.85	.75	2.42	1.77	1.9
Quad #4 Species	Sugar Maple	Sugar Maple	Sugar Maple	American Beech	Black Cherry	American Beech	America Beech	American Beech
DBH	5.6	13.4	8.2	54.5	3.5	21	7.1	16.5
D	4.12	3.5	4.8	4.77	3.9	2.7	2.58	7.07
	Sample Point <u>13</u>		Sample Point <u>14</u>		Sample Point <u>15</u>		Sample Point <u>16</u>	
Quad #1 Species	America Beech	Tulip Poplar	Sugar Maple	Sugar Maple	Red Elm	Red Elm	Chinka- pin Oak	White Ash
DBH	3.4	31.0	5.2	35.6	10.1	19.6	8.5	14.1
D	3.45	7.43	4.18	1.9	1.55	5.5	.5	5.12
Quad #2 Species	White Ash	Sugar Maple	Sugar Maple	Pignut Hickory	Basswood	Sugar Maple	Sugar Maple	American Beech
DBH	9.15	27.8	2.6	31.0	8.5	14.0	5.1	16.6
D	2.75	4.15	4.25	1.82	2.65	5.83	2.56	3.2
Quad #3 Species	Sugar Maple	Pignut Hickory	Redbud	Pignut Hickory	Sugar Maple	Red Elm	Sugar Maple	Sugar Maple
DBH	5.0	16.1	4.3	32.9	5.8	26.0	7.04	15.9
D	2.7	5.45	4.45	3.5	.46	5.63	1.66	7.22
Quad #4 Species	Sugar Maple	Tulip Poplar	Sugar Maple	Shagbark Hickory	Black Cherry	Basswood	Sugar Maple	Redbud
DBH	2.5	19.5	2.8	15.0	2.6	36.65	5.3	12.9
D	4.41	2.8	2.5	2.3	3.2	7.75	1.27	3.37

DATA SHEET #3. Point-Quarter Sampling*

	Sample Point <u>17</u>		Sample Point <u>18</u>		Sample Point <u>19</u>		Sample Point <u>20</u>	
	Medium	Large	Medium	Large	Medium	Large	Medium	Large
Quad #1 Species	Red Maple	Sugar Maple	Flowering Dogwood	Norway Maple	American Beech	Red Oak	Sugar Maple	Sugar Maple
DBH	8.1	16.2	11.3	24.5	4.2	14.2	6.0	22.5
D	2.7	5.7	6.53	.8	2.15	6.2	5.2	9.0
Quad #2 Species	Sugar Maple	Black Cherry	Sugar Maple	Basswood	Red Oak	Red Oak	America Beech	Sugar Maple
DBH	7.3	21.8	6.6	37.9	9.5	13.8	3.0	36.5
D	2.97	8.55	5.62	.9	1.15	5.5	1.63	.8
Quad #3 Species	Sugar Maple	Sugar Maple	Sugar Maple	Tulip Poplar	Sugar Maple	Red Oak	Sugar Maple	White Ash
DBH	9	16.3	11.3	29.2	4.5	28.0	12.4	13.8
D	1.42	5.52	1.4	7.85	1.6	1.4	5.9	4.3
Quad #4 Species	Sugar Maple	Black Oak	Sugar Maple	American Beech	American Beech	Tulip Poplar	Sugar Maple	Sugar Maple
DBH	9.7	101.1	9.0	47.5	3.5	20.0	8.4	13.2
D	2.65	6.8	4.03	7.13	1.85	4.6	3.45	6.2

	Sample Point <u>21</u>	
	Medium	Large
Quad #1 Species	Black Cherry	Red Oak
DBH	10.7	14.4
D	3.61	1.57
Quad #2 Species	Sugar Maple	American Beech
DBH	3.8	21.2
D	5.02	3.15
Quad #3 Species	American Beech	Red Oak
DBH	4.3	24.4
D	2.9	.89
Quad #4 Species	American Beech	Red Oak
DBH	3	24.6
D	2.4	4.73