

Site 3070.

[s.l.]: [s.n.], [s.d.]

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3070

Tree	#	#	Size Cl. sq. in.			Sap	P%	F%	F%	D%	Dom %	D	F	D
	Pts	Tr.	-80	-320	-321	Dom.	Sap	Sap	Tr.	Tr.	Tr.	Index		
Acer rubrum	18	25	22	3		1085	264	166.7	12.5	29	31.3	24.0	84.3	580
A. sacchar.														
Carya cord.														
C. ovata														
Fagus gran.														
Fraxinus am														
F. penn.														
Juglans cin														
J. nigra														
Ostrya vir.														
Populus gr.														
P. tremuloi	3	6	6			151				4.8	7.5	3.3	15.6	16
Prunus sero	1	1	1			17				1.6	1.3	0.4	3.3	6
Quercus al.	20	25	19	5	1	2056	44	11.1	5	32.3	31.3	45.5	109.1	436
Q. macrocar														
Q. rubra														
Q. velutina	5	6	3	3		551				8.1	7.5	12.2	27.8	28
Tilia amer.														
Ulmus amer.														
U. fulva	2	2	1	1		223	22	5.6	2.5	3.2	2.5	4.9	10.6	64
Pinus strobus	12	14	14			438				19.4	17.5	9.7	46.6	186
Q. uer. sp.	1	1	1			50	22	5.6	2.5	1.6	1.3	1.1	4.0	12
Crataegus							44	11.1	5					
Totals		80	69	13		4521								

Station No. 18

Total Length of
Transect.

528 ft.

Total Area of
Transect.1980 ft²Ave. Dist. Btw'n
Trees

13.2 ft

Saplings/unit area

396 / acre

Ave. BA (Total BA=80)

56.5 in²

No. Trees/acre

289

Dom./acre

16330 in²

1400

1328

781

2101

TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

T-18N R 5E - S 20

18

Station Number:

3070

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL	F. % TRS	% SUM F. TR.	D. % TRS	DOM% TRS	DFD INDEX	C. I.
			-80	-320	321										
Abies bals															
Acer rubru	18	25	22	3		1085	12	66.7		27	29.0	31.3	23.7	840	507
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus	12	14	14			438					19.4	17.5	9.6	46.5	233
Populus ba															
P. grandid															
P. tremulo	3	6	6			151				7.0	7.8	7.5	3.3	15.6	31
Prunus pen															
Quercus el	6	7	4	3		601	1	5.6			9.7	8.8	13.1	31.6	63
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi															
Ulmus amer															
U. fulva	2	2	1	1		223	1	5.6			3.2	2.5	4.9	10.6	85
Prunus ser	1	1	1			17					1.6	1.3	0.4	3.3	13
Quercus alba	20	25	19	5	1	2056	2	11.1			32.3	31.3	45.0	108.4	434
Crataegus							2	11.1							
						4571	18	99.9						300.2	1363

AVE. DIST. BTW'N TREES:

13.2

AVE B. A.:

57.7

TREES/ACRE:

289

DOM./ACRE:

16500

1400

Soil type: Geneese fine Sandy
loam and Plainfield fine
Sand

III Pine Woods Survey

Point Record - Trees

Stand No.: 18

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	60	
Acer rubrum	12		Fraxinus lanceo			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 18

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	12 12 (2 days)		Fraxinus lanceo			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 13 1/2

Acer negundo			Fraxinus penn.			Quercus alba	15	
Acer rubrum			Fraxinus lanceo			Quercus ellipsoi	70	
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 16

Acer negundo			Fraxinus penn.			Quercus alba	25	
Acer rubrum	12 (2 days)		Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 12

III Pine Woods Survey

Point Record - Trees

Stand No.: 18

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	35		Fraxinus lanceo .			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	20		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 16 1/2		
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	16	sap	Fraxinus lanceo .			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	38		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva	sap	
Crataegus sp.	sap		Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 14 1/2		
Acer negundo			Fraxinus penn.			Quercus alba	53	
Acer rubrum	sap		Fraxinus lanceo			Quercus ellipsoi	163	
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer..		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.	sap		Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 15 1/2		
Acer negundo			Fraxinus penn.			Quercus alba	53, 13	
Acer rubrum	2	sap	Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 15 1/2		

III Pine Woods Survey

Point Record - Trees

Stand No.: 18

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	73	60
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 17		
Acer negundo			Fraxinus penn.			Quercus alba	38	
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	4		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 9 1/2		
Acer negundo			Fraxinus penn.			Quercus alba	62	
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	19		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 10 1/2		
Acer negundo			Fraxinus penn.			Quercus alba	125	
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus	27		Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 7 1/2		

III Pine Woods Survey

Point Record - Trees

Stand No.: 18

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 12 says			Fraxinus lanceo.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 43			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 12		
Acer negundo			Fraxinus penn.			Quercus alba 80		
Acer rubrum			Fraxinus lanceo.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 13			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 11 1/2		
Acer negundo			Fraxinus penn.			Quercus alba 87		
Acer rubrum			Fraxinus lanceo			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 34			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 18		
Acer negundo			Fraxinus penn.			Quercus alba 74		
Acer rubrum 19			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					
						Distance: 10		

III Pine Woods Survey

Point Record - Trees

Stand No.: 18

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceo .			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 2753			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 15 1/2

Acer negundo			Fraxinus penn.			Quercus alba 130		
Acer rubrum			Fraxinus lanceo .			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 28			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 13

Acer negundo			Fraxinus penn.			Quercus alba 78		
Acer rubrum			Fraxinus lanceo			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 37			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 6 1/2

Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lanceol.			Quercus ellipsoi		
Acer saccharum			Juglans cinerea			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksiana			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus 3550			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotina					
Fraxinus amer.			Prunus virgin.					

Distance: 8

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.	37, 19		Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus scrota					
Fraxinus amer.			Prunus virgin.					

Distance: 66'

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia grynosepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eragrostis repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

II Pine Wood Survey

Point Record

Stand No.: 19

Actaea rubra
 Adiantum pedatum
 Aletris farinosa
 Anemone canadensis
 Anemone cylindrica
 Anemone quinquefolia
 Apocynum cannabinum
 Arabis canadensis
 Aralia hispida
 Arenaria lateriflora
 Arisaema strobilifera
 Asarum canadense
 Asclepias amplexicaulis
 Asclepias phytolacca
 Asclepias syriaca
 Asclepias tuberosa
 Aster caeruleus
 Aster puniceus
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophylla
 Boehmeria cylindrica
 Botrychium virginicum
 Bromus Kalmii
 Campanula aparinoides
 Campanula rotundifolia
 Ceanothus americanus
 Chamaedaphne calyculata
 Circaea latifolia
 Claytonia virginica
 Clintonia borealis
 Conopholis americana
 Coptis trifolia
 Cornus rugosa
 Corydalis aurea
 Corydalis sempervirens
 Corylus cornuta
 Cryptotaenia canadensis
 Cystopteris fragilis
 Cyperus filiculmis
 Cyperus Schweinitzii
 Danthonia spicata
 Dentaria laciniata
 Desmodium nudiflorum
 Dicentra canadensis
 Dioscorea villosa
 Dodecatheon meadia
 Dryopteris cristata
 Dryopteris Linnaea
 Dryopteris marginalis
 Dryopteris Phlegmaria
 Equisetum arvense
 Equisetum hyemale
 var. affine
 Erechthites hieracifolia

Erysimum cheiri
 Erythronium albidum
 Eupatorium perfoliatum
 Galium aparine
 Galium asperellum
 Galium Claytonia
 Galium concinnum
 Galium lanceolatum
 Gerardia Guttieraria
 Habenaria psycodes
 Hamamelis virginiana
 Helianthemum Bick.
 Hepatica acutiloba
 Hydrophyllum virginicum
 Hypericum Kalmianum
 Ilex verticillata
 Impatiens biflora
 Iris virginica
 var. Shrevei
 Isopyrum biternatum
 Juncus tenuis
 Laportea canadensis
 Lechea intermedia
 Ledum groenlandicum
 Lespedeza capitata
 Liatris aspera
 Liatris cylindrica
 Liatris pycnostachya
 Lilium michiganense
 Linaria canadensis
 Liparis lilifolia
 Lobelia cardinalis
 Lobelia inflata
 Lobelia spicata
 Lonicera dioica
 Lonicera oblongifolia
 Lonicera prolifera
 Lychnis alba
 Lycopodium clavatum
 Lycopodium americana
 Lysimachia terrestris
 Menispermum canadensis
 Mitella diphylla
 Monarda punctata
 Monotropa uniflora
 Oenothera biennis
 Oenothera muricata
 Optunia Rafinesquii
 Orobanche uniflora
 Osmunda cinnamomea
 Oxypolis rigidior
 var. longifolia
 Pedicularis canadensis
 Pellaea glabella
 Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulifolius
 Podophyllum peltatum
 Polemonium reptans
 Polygala sanguinea
 Polygonatum pubescens
 Potentilla arguta
 Prunella vulgaris
 Pteris nodulosa
 Pycnanthemum virginicum
 Ranunculus abortivus
 Ranunculus acris
 Ranunculus pensylvanicus
 Rhus copallina
 Rhus glabra
 var. borealis
 Rhus Vernix
 Ribes cynosbati
 Ribes hirtellum
 Ribes missouriense
 Rudbeckia laciniata
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula marilandica
 Scutellaria epilobium
 Scutellaria parvula
 var. Leonardi
 Silphium perfoliatum
 Solidago castrensis
 Solidago graminifolia
 var. remota
 Solidago hispida
 Solidago missouriensis
 var. glaberrima
 Specularia perfoliata
 Spiraea alba
 Spiraea tomentosa
 var. rosea
 Sporobolus cryptanthus
 Steironema lancifolium
 Stellaria media
 Symphoricarpos albus
 Taenidia integerrima
 Thalictrum dioicum
 Trillium grandiflorum
 Verbena stricta
 Veronica americana
 Veronicastrium virginicum
 Viburnum acerifolium
 Viburnum affine
 Viburnum Lentago
 Viola eriocarpa
 Viola incognita
 Viola pallens
 Viola pubescens
 Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.	36 14		Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 76'

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intensus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Ephedra repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	4	2	Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem	2	23	Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 14

Shrubs & Herbs			
Achillea millefolium	Euphorbia corol.	Polygonella artic.	
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.	
Agropyron trachycaulon	Galium boreale	Potentilla simplex	
var. glaucum	Galium triflorum	Prenanthes alba	
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum	
Amorpha canescens	Gaylussacia baccata	var. latiusculum	
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica	
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia	
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda	
Anemone virginiana	var. micradenium	Ranunculus fasc.	
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.	
Apocynum androsaem.	Helianthemum can.	Rhus glabra	
Aquilegia canadensis	Helianthus occident.	Rhus radicans	
Arabis lyrata	Heliopsis scabra	Rhus typhina	
Aralia nudicaulis	Hepatica americana	Ribes americanum	
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.	
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry	
Artemisia caudata	Hieracium scabrum	Rubus-dewberry	
Aster azureus	Houstonia longifolia	Rubus-raspberry	
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta	
var. pendulus	Hystrix patula	Salix discolor	
Aster laevis	Juncus Greenii	var. latifolia	
Aster macrophyllus	Koeleria crisata	Sambucus canadensis	
Aster ptarmicoides	Krigia biflora	Sanicula gregaria	
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.	
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa	
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata	
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata	
var. intonsus	Lithospermum croceum	Smilax herbacea	
Calamagrostis	Lupinus perennis	Smilax hispida	
Carex Crawfordii	Lycopodium complan.	Solidago canadensis	
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.	
Carex siccata	Lysimachia quadrif.	Solidago juncea	
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis	
Celastrus scandens	Mitchella repens	Solidago speciosa	
Chimaphila umbellata	Monarda fistulosa	var. angustata	
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana	
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.	
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis	
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora	
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.	
Cornus canadensis	Oxalis violacea	Vaccinium angustif.	
Cornus femina	Panicum implicatum	Vaccinium canadense	
Cornus stolonifera	Parthenocissus vitacea	Vicia americana	
Corylus americana	Pedicularis lanc.	Vicia villosa	
Cypripedium acaule	Phlox pilosa	Viola canadensis	
Desmodium acuminatum	Phryma leptostachya	Viola cucullata	
Desmodium canadense	Physalis virginiana	Viola pedata	
Dierwilla lonicera	Poa compressa	var. lineariloba	
Dryopteris spin.	Polygala polygama	Viola sagittata	
Eragrostis repens	Polygonatum biflorum	Vitis aestivalis	
Erigeron ramosus		Zanthoxylum amer.	

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora ✓
Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Boehmeria cylindrica
Botrychium virginianum
Bromus Kalmii
Campanula aparinoides
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phlegmaria
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytonii
Galium concinnum
Galium lanceolatum
Gerardia Guttieraria
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis liliifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadense
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Virburnum acerifolium
Virburnum affine
Virburnum lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	55	
Acer rubrum			Fraxinus lance			Quercus ellips	113	
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 118'

			Shrubs & Herbs					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.		
Agropyron trachycaulon			Galium boreale			Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica		
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans		
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphylos Uva			Heuchera Richardsonii			Rosa spp.		
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry		
Aster azureus			Houstonia longifolia			Rubus-raspberry		
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster macrophyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intonsus			Lithospermum croceum			Smilax herbacea		
Calamagrostis			Lupinus perennis			Smilax hispida		
Carex Crawfordii			Lycopodium complan.			Solidago canadensis		
Carex pennsylvanica			Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.			Solidago juncea		
Ceanothus ovatus			Maianthemum can.			Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Onoclea sensibilis			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis		
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.		
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina			Panicum implicatum			Vaccinium canadense		
Cornus stolonifera			Parthenocissus vitacea			Vicia americana		
Corylus americana			Pedicularis lanc.			Vicia villosa		
Cypropedium acaule			Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Diervilla lonicera			Poa compressa			var. lineariloba		
Dryopteris spin.			Polygala polygama			Viola sagittata		
Eragrostis repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	34	
Acer rubrum			Fraxinus lance			Quercus ellips	98	
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 7 1/2

			Shrubs & Herbs					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.		
Agropyron trachycaulon			Galium boreale			Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica		
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans		
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphylos Uva			Heuchera Richardsonii			Rosa spp.		
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry		
Aster azureus			Houstonia longifolia			Rubus-raspberry		
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster microphyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intonsus			Lithospermum croceum			Smilax herbacea		
Calamagrostis			Lupinus perennis			Smilax hispida		
Carex Crawfordii			Lycopodium complan.			Solidago canadensis		
Carex pennsylvanica			Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.			Solidago juncea		
Ceanothus ovatus			Maianthemum can.			Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Onoclea sensibilis			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis		
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.		
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina			Panicum implicatum			Vaccinium canadense		
Cornus stolonifera			Parthenocissus vitacea			Vicia americana		
Corylus americana			Pedicularis lanc.			Vicia villosa		
Cypripedium acaule			Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Diervilla Lonicera			Poa compressa			var. lineariloba		
Dryopteris spin.			Polygala polygama			Viola sagittata		
Eragrostis repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strobiliferum
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula parviflora
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phegopteris
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytoni
Galium concinnum
Galium lanceolatum
Gerardia Guttieraria
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bick.
Hepatica acutiloba
Hydrophyllum virg.
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadensis
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virg.
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylv.
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria can.
Sanicula marilandica
Scutellaria epilob.
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus crypt.
Steironema lanc.
Stellaria media
Symphyocarpus albus
Taenidia integ.
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virg.
Virburnum acerifolium
Virburnum affine
Virburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fraxinus penn.			Quercus alba	sap	
Acer rubrum	35	sap	Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.	sap	
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin	17				
Fraxinus amer.			Prunus virgin.					

Distance: 17

			Shrubs & Herbs					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.		
Agropyron trachycaulon			Galium boreale			Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica		
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans		
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphylos Uva			Heuchera Richardsonii			Rosa spp.		
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry		
Aster azureus			Houstonia longifolia			Rubus-raspberry		
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster macrophyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intonsus			Lithospermum croceum			Smilax herbacea		
Calamagrostis			Lupinus perennis			Smilax hispida		
Carex Crawfordii			Lycopodium complan.			Solidago canadensis		
Carex pennsylvanica			Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.			Solidago juncea		
Ceanothus ovatus			Maianthemum can.			Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Onoclea sensibilis			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis		
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.		
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina			Panicum implicatum			Vaccinium canadense		
Cornus stolonifera			Parthenocissus vitacea			Vicia americana		
Corylus americana			Pedicularis lanc.			Vicia villosa		
Cypripedium acaule			Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Diervilla Lonicera			Poa compressa			var. lineariloba		
Dryopteris spin.			Polygala polygama			Viola sagittata		
Eragrostis repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula aparinoides
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnæana
Dryopteris marginalis
Dryopteris Phlegmaria
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytoni
Galium concinnum
Galium lanceolatum
Gerardia Guttierifolia
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadense
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Virburnum acerifolium
Virburnum affine
Virburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	32	190
Acer rubrum ✓			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 16'

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum ✓
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum ✓	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp. ✓
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry ✓
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius ✓	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus ✓	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan. ✓	Solidago canadensis
Carex penxylvanica ✓	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif. ✓	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif. ✓
Cornus canadensis	Oxalis violacea	Vaccinium angustif. ✓
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule ✓	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervillea Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Eragrostis caryophyll.	Polygonatum biflorum	Vitis aestivalis
Eriogonum ramosus		Zanthoxylum amer.

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
 Adiantum pedatum
 Aletris farinosa
 Anemone canadensis
 Anemone cylindrica
 Anemone quinquefolia
 Apocynum cannabinum
 Arabis canadensis
 Aralia hispida
 Arenaria lateriflora
 Arisaema strorubens
 Asarum canadense
 Asclepias amplexic.
 Asclepias phytolac.
 Asclepias syriaca
 Asclepias tuberosa
 Aster caeruleus
 Aster puniceus
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophaea
 Boehmeria cylindrica
 Botrychium virginianum
 Bromus Kalmii
 Campanula aparinoides
 Campanula rotundif.
 Ceanothus americanus
 Chamaedaphne caly.
 Circaea latifolia
 Claytonia virginica
 Clintonia borealis
 Conopholis americana
 Coptis trifolia
 Cornus rugosa
 Corydalis aurea
 Corydalis semperv.
 Corylus cornuta
 Cryptotaenia can.
 Cystopteris fragilis
 Cyperus filiculmis
 Cyperus Schweinitzii
 Danthonia spicata
 Dentaria laciniata
 Desmodium nudiflorum
 Dicentra canadensis
 Dioscorea villosa
 Dodecatheon Meadia
 Dryopteris cristata
 Dryopteris Linnaeana
 Dryopteris marg.
 Dryopteris Pheg.
 Equisetum arvense
 Equisetum hyemale
 var. affine
 Erechites hier.

Erysimum cheir.
 Erythronium albidum
 Eupatorium perf.
 Galium aparine
 Galium asperellum
 Galium Claytoni
 Galium concinnum
 Galium lanceolatum
 Gerardia Gattingeri
 Habenaria psycodes
 Hamamelis virginiana
 Helianthemum Bick.
 Hepatica acutiloba
 Hydrophyllum virg.
 Hypericum Kalmianum
 Ilex verticillata
 Impatiens biflora
 Iris virginica
 var. Shrevei
 Isopyrum bitermum
 Juncus tenuis
 Laportea canadensis
 Lechea intermedia
 Ledum groenlandicum
 Lespedeza capitata
 Liatris aspera
 Liatris cylindrica
 Liatris pycnostachya
 Liliun michiganense
 Linaria canadensis
 Liparis liliifolia
 Lobelia cardinalis
 Lobelia inflata
 Lobelia spicata
 Lonicera dioica
 Lonicera oblongif.
 Lonicera prolifera
 Lychnis alba
 Lycopodium clavatum
 Lycopodium americana
 Lysimachia terrestris
 Menispermum can.
 Mitella diphylla
 Monarda punctata
 Monotropa uniflora
 Oenothera biennis
 Oenothera muricata
 Optunia Rafinesquii
 Orobanche uniflora
 Osmunda cinnamomea
 Oxypolis rigidier
 var. longifolia
 Pedicularis canadensis
 Pellaea glabella
 Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulif.
 Podophyllum peltatum
 Polemonium reptans
 Polygala sanguinea
 Polygonatum pubescens
 Potentilla arguta
 Prunella vulgaris
 Pteretis nodulosa
 Pycnanthemum virg.
 Ranunculus abortivus
 Ranunculus acris
 Ranunculus pensylv.
 Rhus copallina
 Rhus glabra
 var. borealis
 Rhus Vernix
 Ribes cynosbati
 Ribes hirtellum
 Ribes missouriense
 Rudbeckia laciniata
 Sambucus pubens
 Sanguinaria can.
 Sanicula marilandica
 Scutellaria epilob.
 Scutellaria parvula
 var. Leonardi
 Silphium perfoliatum
 Solidago castrensis
 Solidago graminifolia
 var. remota
 Solidago hispida
 Solidago missouriensis
 var. glaberrima
 Specularia perfoliata
 Spiraea alba
 Spiraea tomentosa
 var. rosea
 Sporobolus crypt.
 Steironema lanc.
 Stellaria media
 Symphoricarpos albus
 Taenidia integ.
 Thalictrum dioicum
 Trillium grandiflorum
 Verbena stricta
 Veronica americana
 Veronicastrium virg.
 Virburnum acerif.
 Viburnum affine
 Viburnum Lentago
 Viola eriocarpa
 Viola incognita
 Viola pallens
 Viola pubescens
 Woodsia ilvensis

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fraxinus penn.			Quercus alba	14	sayo
Acer rubrum	✓ 76		Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 16

			<u>Shrubs & Herbs</u>					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.	✓		Polypodium virg.		
Agropyron trachycaulon			Galium boreale	✓		Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum	✓		Pyrola elliptica	✓	
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans		
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphylos Uva			Heuchera Richardsonii			Rosa spp.		
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry		
Aster azureus			Houstonia longifolia			Rubus-raspberry	✓	
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster macrophyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus	✓		Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intonsus			Lithospermum croceum			Smilax herbacea		
Calamagrostis			Lupinus perennis			Smilax hispida		
Carex Crawfordii			Lycopodium complan.			Solidago canadensis		
Carex pennsylvanica	✓		Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.			Solidago juncea		
Ceanothus ovatus			Maianthemum can.			Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Oncoclea sensibilis			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis	✓	
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.	✓	
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina	✓		Panicum implicatum			Vaccinium canadense		
Cornus stolonifera	✓		Parthenocissus vitacea			Vicia americana		
Corylus americana	✓		Pedicularis lanc.			Vicia villosa		
Cypripedium acaule	✓		Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Diervilla lonicera			Poa compressa			var. lineariloba		
Diophteris spin.			Polygala polygama			Biola sagittata		
Erigeron repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula parviflora
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phegopteris
Equisetum arvense
Equisetum hyemale
 var. affine
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytonii
Galium concinnum
Galium lanceolatum
Gerardia gottschadti
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bick.
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. Shrevei
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadensis
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. longifolia
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. borealis
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. Leonardi
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. remota
Solidago hispida
Solidago missouriensis
 var. glaberrima
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. rosea
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Virburnum acerifolium
Virburnum affine
Virburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum			Fraxinus lance			Quercus ellips	74, 27	
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 16

			Shrubs & Herbs			
Achillea millefolium			Euphorbia corol.			Polygonella artic.
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.
Agropyron trachycaulon			Galium boreale			Potentilla simplex
var. glaucum			Galium triflorum			Prenanthes alba
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum
Amorpha canescens			Gaylussacia baccata			var. latiusculum
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda
Anemone virginiana			var. micradenium			Ranunculus fasc.
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.
Apocynum androsaem.			Helianthemum can.			Rhus glabra
Aquilegia canadensis			Helianthus occident.			Rhus radicans
Arabis lyrata			Heliopsis scabra			Rhus typhina
Aralia nudicaulis			Hepatica americana			Ribes americanum
Arctostaphylos Uva			Heuchera Richardsonii			Rosa spp.
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry
Artemisia caudata			Hieracium scabrum			Rubus-dewberry
Aster azureus			Houstonia longifolia			Rubus-raspberry
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta
var. pendulus			Hystrix patula			Salix discolor
Aster laevis			Juncus Greenii			var. latifolia
Aster macrophyllus			Koeleria crisata			Sambucus canadensis
Aster ptarmicoides			Krigia biflora			Sanicula gregaria
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata
var. intonsus			Lithospermum croceum			Smilax herbacea
Calamagrostis			Lupinus perennis			Smilax hispida
Carex Crawfordii			Lycopodium complan.			Solidago canadensis
Carex pennsylvanica			Lycopodium obscurum			var. gilvocan.
Carex siccata			Lysimachia quadrif.			Solidago juncea
Ceanothus ovatus			Maianthemum can.			Solidago nemoralis
Celastrus scandens			Mitchella repens			Solidago speciosa
Chimaphila umbellata			Monarda fistulosa			var. angustata
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana
Comandra umbellata			Onoclea sensibilis			Tradescantia ohien.
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.
Cornus canadensis			Oxalis violacea			Vaccinium angustif.
Cornus femina			Panicum implicatum			Vaccinium canadense
Cornus stolonifera			Parthenocissus vitacea			Vicia americana
Corylus americana			Pedicularis lanc.			Vicia villosa
Cypropedium acaule			Phlox pilosa			Viola canadensis
Desmodium acuminatum			Phryma leptostachya			Viola cucullata
Desmodium canadense			Physalis virginiana			Viola pedata
Diervilla lonicera			Poa compressa			var. lineariloba
Dryopteris spin.			Polygala polygama			Viola sagittata
Epigaea repens			Polygonatum biflorum			Vitis aestivalis
Erigeron ramosus						Zanthoxylum amer.

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strobiliferum
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula aparinoides
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phegopteris
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolius

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytonii
Galium concinnum
Galium lanceolatum
Gerardia Guttierifolia
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadensis
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphyocarpus albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Viburnum acerifolium
Viburnum affine
Viburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	55	78
Acer rubrum			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 12

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
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Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
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Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
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Epigaea repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

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Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula parviflora
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phlegmaria
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolius

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytonii
Galium concinnum
Galium lanceolatum
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Lilium michiganense
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Lonicera prolifera
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Orobanchaceae uniflora
Osmunda cinnamomea
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Pentstemon gracilis
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Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
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Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Viburnum acerifolium
Viburnum affine
Viburnum lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba	500	135
Acer rubrum ✓			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 206'

			Shrubs & Herbs					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.		
Agropyron trachycaulon			Galium boreale ✓			Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica		
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans		
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphyles Uva			Heuchera Richardsonii			Rosa spp.		
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry		
Aster azureus			Houstonia longifolia			Rubus-raspberry		
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster macrophyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intensus			Lithospermum croceum			Smilax herbacea		
Calamagrostis			Lupinus perennis			Smilax hispida		
Carex Crawfordii			Lycopodium complan.			Solidago canadensis		
Carex penxylvanica ✓?			Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.			Solidago juncea		
Ceanothus ovatus			Maianthemum can. ✓			Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Onoclea sensibilis			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis		
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.		
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina			Panicum implicatum			Vaccinium canadense		
Cornus stolonifera			Parthenocissus vitacea			Vicia americana		
Corylus americana			Pedicularis lanc.			Vicia villosa		
Cypripedium acaule			Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Diervilla Lonicera			Poa compressa			var. lineariloba		
Dryopteris spin.			Polygala polygama			Viola sagittata		
Epigaea repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia ✓
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strorubens
Asarum canadense
Asclepias amplexic.
Asclepias phytolac.
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Boehmeria cylindrica
Botrychium virginianum
Promus Kalmii
Campanula aparinoides
Campanula rotundif.
Ceanothus americanus
Chamaedaphne caly.
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis semperv.
Corylus cornuta
Cryptotaenia can.
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnæana
Dryopteris marg.
Dryopteris Pheg.
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hier.

Erysimum cheir.
Erythronium albidum
Eupatorium perf.
Galium aparine
Galium asperellum
Galium Claytoni
Galium concinnum
Galium lanceolatum
Gerardia Gattingeri
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bick.
Hepatica acutiloba
Hydrophyllum virg.
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense ✓
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongif.
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum can.
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobancha uniflora
Osmunda cinnamomea
Oxypolis rigidier
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulif.
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteretis nodulosa
Pycnanthemum virg.
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylv.
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes Cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria can.
Sanicula marilandica
Scutellaria epilob.
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus crypt.
Steironema lanc.
Stellaria media
Symphoricarpos albus
Taenidia integ.
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virg.
Virburnum acerif.
Viburnum affine
Viburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum ✓ 4580			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 12

			Shrubs & Herbs					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.		
Agropyron trachycaulon			Galium boreale			Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica		
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans		
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphylos Uva			Heuchera Richardsonii			Rosa spp.		
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry		
Aster azureus			Houstonia longifolia			Rubus-raspberry		
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster macrophyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intensus			Lithospermum croceum			Smilax herbacea		
Calamagrostis			Lupinus perennis			Smilax hispida		
Carex Crawfordii			Lycopodium complan.			Solidago canadensis		
Carex pennsylvanica			Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.			Solidago juncea		
Ceanothus ovatus			Maianthemum can.			Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Onoclea sensibilis ✓			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis		
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.		
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina			Panicum implicatum			Vaccinium canadense		
Cornus stolonifera			Parthenocissus vitacea			Vicia americana		
Corylus americana			Pedicularis lanc.			Vicia villosa		
Cypripedium acaule			Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Dierilla Lonicera			Poa compressa			var. lineariloba		
Dryopteris spin.			Polygala polygama			Viola sagittata		
Epigaea repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
 Adiantum pedatum
 Aletris farinosa
 Anemone canadensis
 Anemone cylindrica
 Anemone quinquefolia
 Apocynum cannabinum
 Arabis canadensis
 Aralia hispida
 Arenaria lateriflora
 Arisaema strorubens
 Asarum canadense
 Asclepias amplexic.
 Asclepias phytolac.
 Asclepias syriaca
 Asclepias tuberosa
 Aster caeruleus
 Aster puniceus
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophaea
 Boehmeria cylindrica
 Botrychium virginianum
 Bromus Kalmii
 Campanula aparinoides
 Campanula rotundif.
 Ceanothus americanus
 Chamaedaphne caly.
 Circaea latifolia
 Claytonia virginica
 Clintonia borealis
 Conopholis americana
 Coptis trifolia
 Cornus rugosa
 Corydalis aurea
 Corydalis semperv.
 Corylus cornuta
 Cryptotaenia can.
 Cystopteris fragilis
 Cyperus filiculmis
 Cyperus Schweinitzii
 Danthonia spicata
 Dentaria laciniata
 Desmodium nudiflorum
 Dicentra canadensis
 Dioscorea villosa
 Dodecatheon Meadia
 Dryopteris cristata
 Dryopteris Linnaeana
 Dryopteris marg.
 Dryopteris Pheg.
 Equisetum arvense
 Equisetum hyemale
 var. affine
 Erechites hier.

Erysimum cheir.
 Erythronium albidum
 Eupatorium perf.
 Galium aparine
 Galium asperellum
 Galium Claytoni
 Galium concinnum
 Galium lanceolatum
 Gerardia Gattingeri
 Habenaria psycodes
 Hamamelis virginiana
 Helianthemum Bick.
 Hepatica acutiloba
 Hydrophyllum virg.
 Hypericum Kalmianum
 Ilex verticillata
 Impatiens biflora
 Iris virginica
 var. Shrevei
 Isopyrum biternatum
 Juncus tenuis
 Laportea canadensis
 Lechea intermedia
 Ledum groenlandicum
 Lespedeza capitata
 Liatris aspera
 Liatris cylindrica
 Liatris pycnostachya
 Liliun michiganense
 Linaria canadensis
 Liparis lilifolia
 Lobelia cardinalis
 Lobelia inflata
 Lobelia spicata
 Lonicera dioica
 Lonicera oblongif.
 Lonicera prolifera
 Lychnis alba
 Lycopodium clavatum
 Lycopodium americana
 Lysimachia terrestris
 Menispermum can.
 Mitella diphylla
 Monarda punctata
 Monotropa uniflora
 Oenothera biennis
 Oenothera muricata
 Optunia Rafinesquii
 Orobanche uniflora
 Osmunda cinnamomea
 Oxypolis rigidier
 var. longifolia
 Pedicularis canadensis
 Pellaea glabella
 Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulif.
 Podophyllum peltatum
 Polemonium reptans
 Polygala sanguinea
 Polygonatum pubescens
 Potentilla arguta
 Prunella vulgaris
 Pteretis nodulosa
 Pycnanthemum virg.
 Ranunculus abortivus
 Ranunculus acris
 Ranunculus pensylv.
 Rhus copallina
 Rhus glabra
 var. borealis
 Rhus Vernix
 Ribes Cynosbati
 Ribes hirtellum
 Ribes missouriense
 Rudbeckia laciniata
 Sambucus pubens
 Sanguinaria can.
 Sanicula marilandica
 Scutellaria epilob.
 Scutellaria parvula
 var. Leonardi
 Silphium perfoliatum
 Solidago castrensis
 Solidago graminifolia
 var. remota
 Solidago hispida
 Solidago missouriensis
 var. glaberrima
 Specularia perfoliata
 Spiraea alba
 Spiraea tomentosa
 var. rosea
 Sporobolus crypt.
 Steironema lanc.
 Stellaria media
 Symphoricarpos albus
 Taenidia integ.
 Thalictrum dioicum
 Trillium grandiflorum
 Verbena stricta
 Veronica americana
 Veronicastrum virg.
 Viburnum acerif.
 Viburnum affine
 Viburnum Lentago
 Viola eriocarpa
 Viola incognita
 Viola pallens
 Viola pubescens
 Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	50	33	Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 10 1/2

			Shrubs & Herbs					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.		
Agropyron trachycaulon			Galium boreale	✓		Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica		
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans	✓	
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphylos Uva			Heuchera Richardsonii			Rosa spp.	✓	
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry	✓	
Aster azureus			Houstonia longifolia			Rubus-raspberry		
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster macrophyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intonsus			Lithospermum croceum			Smilax herbacea		
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Carex penxylvanica			Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.	✓		Solidago juncea		
Ceanothus ovatus			Maianthemum can.	✓		Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Onoclea sensibilis			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis		
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.		
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina			Panicum implicatum			Vaccinium canadense		
Cornus stolonifera			Parthenocissus vitacea			Vicia americana		
Corylus americana			Pedicularis lanc.			Vicia villosa		
Cypripedium acaule			Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Diervilla Lonicera			Poa compressa			var. lineariloba		
Dryopteris spin.			Polygala polygama			Viola sagittata		
Epigaea repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
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Apocynum cannabinum
Arabis canadensis
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Arenaria lateriflora
Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
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Boehmeria cylindrica
Botrychium virginianum
Bromus Kalmii
Campanula aparinoides
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia ✓
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phlegmaria
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytonii
Galium concinnum
Galium lanceolatum
Gerardia Guttieraria
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadense
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Viburnum acerifolium
Viburnum affine
Viburnum lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	5825		Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 9

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphyles Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Epigaea repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula parviflora
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris phegodes
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium claytonii
Galium concinnum
Galium lanceolatum
Gerardia gottschingii
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadense
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castreensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Virburnum acerifolium
Viburnum affine
Viburnum lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	36	58	Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 10

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Epigaea repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

II Pine Wood Survey

Point Record

Stand No.: 18

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora ✓
Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phylicifolia
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula aparinoides
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervivens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phegopteris
Equisetum arvense
Equisetum hyemale
 var. affine
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytonia
Galium concinnum
Galium lanceolatum
Gerardia Guttierifolia
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. Shrevei
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadense
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. longifolia
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. borealis
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. Leonardi
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. remota
Solidago hispida
Solidago missouriensis
 var. glaberrima
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. rosea
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Viburnum acerifolium
Viburnum affine
Viburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 2170			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 22

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster microphyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intensus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Epigaea repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

II Pine Wood Survey

Point Record 16

Stand No.: 18

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula aparinoides
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervirens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris Phegopteris
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hieracifolia

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium Claytonii
Galium concinnum
Galium lanceolatum
Gerardia Guttierifolia
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. *Shrevei*
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadense
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. *wisconsinensis*

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. *Leonardi*
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Viburnum acerifolium
Viburnum affine
Viburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum ✓ 92			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra ✓		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva 20		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 18 1/2

			Shrubs & Herbs					
Achillea millefolium			Euphorbia corol.			Polygonella artic.		
Agrimonia gryposepala			Fragaria spp.			Polypodium virg.		
Agropyron trachycaulon			Galium boreale			Potentilla simplex		
var. glaucum			Galium triflorum			Prenanthes alba		
Alnus rugosa			Gaultheria procum.			Pteridium aquilinum		
Amorpha canescens			Gaylussacia baccata			var. latiusculum		
Amphicarpa bracteata			Geranium maculatum			Pyrola elliptica		
Andropogon Gerardi			Geum canadense			Pyrola rotundifolia		
Andropogon scoparius			Gnaphalium obtusif.			Pyrola secunda		
Anemone virginiana			var. micradenium			Ranunculus fasc.		
Antennaria plantag.			Goodyera pubescens			Ranunculus rhomboid.		
Apocynum androsaem.			Helianthemum can.			Rhus glabra		
Aquilegia canadensis			Helianthus occident.			Rhus radicans		
Arabis lyrata			Heliopsis scabra			Rhus typhina		
Aralia nudicaulis			Hepatica americana			Ribes americanum		
Arctostaphyles Uva			Heuchera Richardsonii			Rosa spp. ✓		
Aronia melanocarpa			Hieracium canadense			Rubus-blackberry		
Artemisia caudata			Hieracium scabrum			Rubus-dewberry		
Aster azureus			Houstonia longifolia			Rubus-raspberry		
Aster lateriflorus			Hypoxis hirsuta			Rudbeckia hirta		
var. pendulus			Hystrix patula			Salix discolor		
Aster laevis			Juncus Greenii			var. latifolia		
Aster macrophyllus			Koeleria crisata			Sambucus canadensis		
Aster ptarmicoides			Krigia biflora			Sanicula gregaria		
Aster sagittifolius			Lactuca canadensis			Sisyrinchium camp.		
Athyrium angustatum			Lathyrus ochroleucus			Smilacina racemosa		
Aureolaris pedic.			Lathyrus venosus			Smilacina stellata		
Bromus ciliatus			Lithospermum canes.			Smilax ecirrhata		
var. intonsus			Lithospermum croceum			Smilax herbacea		
Calamagrostis			Lupinus perennis			Smilax hispida		
Carex Crawfordii ✓?			Lycopodium complan.			Solidago canadensis		
Carex penxylvanica			Lycopodium obscurum			var. gilvocan.		
Carex siccata			Lysimachia quadrif.			Solidago juncea		
Ceanothus ovatus			Maianthemum can.			Solidago nemoralis		
Celastrus scandens			Mitchella repens			Solidago speciosa		
Chimaphila umbellata			Monarda fistulosa			var. angustata		
Clematis virginiana			Myrica asplenifolia			Tephrosia virginiana		
Comandra umbellata			Onoclea sensibilis			Tradescantia ohien.		
Convolvulus spitham.			Osmorhiza Claytoni			Trientalis borealis		
Coreopsis palmata			Osmunda Claytoniana			Uvularia grandiflora		
Cornus alternifolia			Osmunda regalis			Uvularia sessilif.		
Cornus canadensis			Oxalis violacea			Vaccinium angustif.		
Cornus femina			Panicum implicatum			Vaccinium canadense		
Cornus stolonifera			Parthenocissus vitacea			Vicia americana		
Corylus americana			Pedicularis lanc.			Vicia villosa		
Cypripedium acaule			Phlox pilosa			Viola canadensis		
Desmodium acuminatum			Phryma leptostachya			Viola cucullata		
Desmodium canadense			Physalis virginiana			Viola pedata		
Diervilla Lonicera			Poa compressa			var. lineariloba		
Dryopteris spin.			Polygala polygama			Viola sagittata		
Epigaea repens			Polygonatum biflorum			Vitis aestivalis		
Erigeron ramosus						Zanthoxylum amer.		

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora
Arisaema strorubens
Asarum canadense
Asclepias amplexic.
Asclepias phytolac.
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Bartisia leucophaea
Boehmeria cylindrica
Botrychium virginianum
Erigeron Kalmii
Campanula aparinoides
Campanula rotundif.
Ceanothus americanus
Chamaedaphne caly.
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis semperv.
Corylus cornuta
Cryptotaenia can.
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaeana
Dryopteris marg.
Dryopteris Pheg.
Equisetum arvense
Equisetum hyemale
var. affine
Erechtites hier.

Erysimum cheir.
Erythronium albidum
Eupatorium perf.
Galium aparine
Galium asperellum
Galium Claytoni
Galium concinnum
Galium lanceolatum
Gerardia Gattingeri
Habenaria psycodes
Hamamelis virginiana
Helianthemum Bick.
Hepatica acutiloba
Hydrophyllum virg.
Hypericum Kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
var. Shrevei
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongif.
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum can.
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobancha uniflora
Osmunda cinnamomea
Oxypolis rigidier
var. longifolia
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
var. wisconsinensis

Physocarpus opulif.
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteretis nodulosa
Pycnanthemum virg.
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylv.
Rhus copallina
Rhus glabra
var. borealis
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria can.
Sanicula marilandica
Scutellaria epilob.
Scutellaria parvula
var. Leonardi
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
var. remota
Solidago hispida
Solidago missouriensis
var. glaberrima
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
var. rosea
Sporobolus crypt.
Steironema lanc.
Stellaria media
Symphoricarpos albus
Taenidia integ.
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virg.
Virburnum acerif.
Viburnum affine
Viburnum Lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	: BA	: S	Tree	: BA	: S	Tree	: BA	: S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum 141			Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva 203		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 15

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypropedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Epigaea repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

Actaea rubra
Adiantum pedatum
Aletris farinosa
Anemone canadensis
Anemone cylindrica
Anemone quinquefolia ✓
Apocynum cannabinum
Arabis canadensis
Aralia hispida
Arenaria lateriflora ✓
Arisaema strorubens
Asarum canadense
Asclepias amplexic.
Asclepias phytolac.
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophaea
Boehmeria cylindrica
Botrychium virginianum
Bromus Kalmii
Campanula aparinoides
Campanula rotundif.
Ceanothus americanus
Chamaedaphne caly.
Circaea latifolia ✓
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis semperv.
Corylus cornuta
Cryptotaenia can.
Cystopteris fragilis
Cyperus filiculmis
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Danthonia spicata
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Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon Meadia
Dryopteris cristata
Dryopteris Linnaeana
Dryopteris marg.
Dryopteris Pheg.
Equisetum arvense
Equisetum hyemale
 var. *affine*
Erechtites hier.

Erysimum cheir.
Erythronium albidum
Eupatorium perf.
Galium aparine
Galium asperellum
Galium Claytoni
Galium concinnum
Galium lanceolatum
Gerardia Gattingeri
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Hamamelis virginiana
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Hydrophyllum virg.
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Ilex verticillata
Impatiens biflora
Iris virginica
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Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense ✓
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongif.
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum can.
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanche uniflora
Osmunda cinnamomea
Oxypolis rigidier
 var. *longifolia*
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
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Physocarpus opulif.
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Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteretis nodulosa
Pycnanthemum virg.
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylv.
Rhus copallina
Rhus glabra
 var. *borealis*
Rhus Vernix
Ribes Cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria can.
Sanicula marilandica
Scutellaria epilob.
Scutellaria parvula
 var. *Leonardi* ✓
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. *remota*
Solidago hispida
Solidago missouriensis
 var. *glaberrima*
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. *rosea*
Sporobolus crypt.
Steironema lanc.
Stellaria media
Symphoricarpos albus
Taenidia integ.
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
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Viburnum affine
Viburnum Lentago
Viola eriocarpa
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Viola pallens
Viola pubescens
Woodsia ilvensis

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Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	12	149	Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp.		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 1/4

Shrubs & Herbs			
Achillea millefolium	Euphorbia corol.	Polygonella artic.	
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.	
Agropyron trachycaulon	Galium boreale	Potentilla simplex	
var. glaucum	Galium triflorum	Prenanthes alba	
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum	
Amorpha canescens	Gaylussacia baccata	var. latiusculum	
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica	
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia	
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda	
Anemone virginiana	var. micradenium	Ranunculus fasc.	
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Apocynum androsaem.	Helianthemum can.	Rhus glabra	
Aquilegia canadensis	Helianthus occident.	Rhus radicans	
Arabis lyrata	Heliopsis scabra	Rhus typhina	
Aralia nudicaulis	Hepatica americana	Ribes americanum	
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.	
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry	
Artemisia caudata	Hieracium scabrum	Rubus-dewberry	
Aster azureus	Houstonia longifolia	Rubus-raspberry	
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta	
var. pendulus	Hystrix patula	Salix discolor	
Aster laevis	Juncus Greenii	var. latifolia	
Aster macrophyllus	Koeleria crisata	Sambucus canadensis	
Aster ptarmicoides	Krigia biflora	Sanicula gregaria	
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.	
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa	
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata	
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata	
var. intonsus	Lithospermum croceum	Smilax herbacea	
Calamagrostis	Lupinus perennis	Smilax hispida	
Carex Crawfordii	Lycopodium complan.	Solidago canadensis	
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.	
Carex siccata	Lysimachia quadrif.	Solidago juncea	
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis	
Celastrus scandens	Mitchella repens	Solidago speciosa	
Chimaphila umbellata	Monarda fistulosa	var. angustata	
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana	
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.	
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis	
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora	
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.	
Cornus canadensis	Oxalis violacea	Vaccinium angustif.	
Cornus femina	Panicum implicatum	Vaccinium canadense	
Cornus stolonifera	Parthenocissus vitacea	Vicia americana	
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Cypripedium acaule	Phlox pilosa	Viola canadensis	
Desmodium acuminatum	Phryma leptostachya	Viola cucullata	
Desmodium canadense	Physalis virginiana	Viola pedata	
Diervilla Lonicera	Poa compressa	var. lineariloba	
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Epigaea repens	Polygonatum biflorum	Vitis aestivalis	
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Actaea rubra
Adiantum pedatum
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Arisaema strobilifera
Asarum canadense
Asclepias amplexicaulis
Asclepias phytolacca
Asclepias syriaca
Asclepias tuberosa
Aster caeruleus
Aster puniceus
Aster sericeus
Baptisia leucantha
Baptisia leucophylla
Boehmeria cylindrica
Botrychium virginicum
Bromus Kalmii
Campanula parviflora
Campanula rotundifolia
Ceanothus americanus
Chamaedaphne calyculata
Circaea latifolia
Claytonia virginica
Clintonia borealis
Conopholis americana
Coptis trifolia
Cornus rugosa
Corydalis aurea
Corydalis sempervivens
Corylus cornuta
Cryptotaenia canadensis
Cystopteris fragilis
Cyperus filiculmis
Cyperus Schweinitzii
Danthonia spicata
Dentaria laciniata
Desmodium nudiflorum
Dicentra canadensis
Dioscorea villosa
Dodecatheon meadia
Dryopteris cristata
Dryopteris Linnaea
Dryopteris marginalis
Dryopteris phegopteris
Equisetum arvense
Equisetum hyemale
 var. affine
Erechtites hieracifolius

Erysimum cheiranthoides
Erythronium albidum
Eupatorium perfoliatum
Galium aparine
Galium asperellum
Galium claytonii
Galium concinnum
Galium lanceolatum
Gerardia gattingeri
Habenaria psycodes
Hamamelis virginiana
Helianthemum bicknellii
Hepatica acutiloba
Hydrophyllum virginicum
Hypericum kalmianum
Ilex verticillata
Impatiens biflora
Iris virginica
 var. Shrevei
Isopyrum biternatum
Juncus tenuis
Laportea canadensis
Lechea intermedia
Ledum groenlandicum
Lespedeza capitata
Liatris aspera
Liatris cylindrica
Liatris pycnostachya
Lilium michiganense
Linaria canadensis
Liparis lilifolia
Lobelia cardinalis
Lobelia inflata
Lobelia spicata
Lonicera dioica
Lonicera oblongifolia
Lonicera prolifera
Lychnis alba
Lycopodium clavatum
Lycopus americana
Lysimachia terrestris
Menispermum canadense
Mitella diphylla
Monarda punctata
Monotropa uniflora
Oenothera biennis
Oenothera muricata
Optunia Rafinesquii
Orobanchaceae uniflora
Osmunda cinnamomea
Oxypolis rigidior
 var. longifolia
Pedicularis canadensis
Pellaea glabella
Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulifolius
Podophyllum peltatum
Polemonium reptans
Polygala sanguinea
Polygonatum pubescens
Potentilla arguta
Prunella vulgaris
Pteris nodulosa
Pycnanthemum virginicum
Ranunculus abortivus
Ranunculus acris
Ranunculus pensylvanicus
Rhus copallina
Rhus glabra
 var. borealis
Rhus Vernix
Ribes cynosbati
Ribes hirtellum
Ribes missouriense
Rudbeckia laciniata
Sambucus pubens
Sanguinaria canadensis
Sanicula marilandica
Scutellaria epilobium
Scutellaria parvula
 var. Leonardii
Silphium perfoliatum
Solidago castrensis
Solidago graminifolia
 var. remota
Solidago hispida
Solidago missouriensis
 var. glaberrima
Specularia perfoliata
Spiraea alba
Spiraea tomentosa
 var. rosea
Sporobolus cryptanthus
Steironema lanceolatum
Stellaria media
Symphoricarpos albus
Taenidia integrifolia
Thalictrum dioicum
Trillium grandiflorum
Verbena stricta
Veronica americana
Veronicastrum virginicum
Virburnum acerifolium
Virburnum affine
Virburnum lentago
Viola eriocarpa
Viola incognita
Viola pallens
Viola pubescens
Woodsia ilvensis

Tree	BA	S	Tree	BA	S	Tree	BA	S
Acer negundo			Fraxinus penn.			Quercus alba		
Acer rubrum	14		Fraxinus lance			Quercus ellips		
Acer saccharum			Juglans cinere			Quercus macroc.		
Acer spicatum			Ostrya virgin.			Quercus rubra		
Amelanchier sp.			Pinus Banksian			Quercus sp. 50		
Betula lutea			Pinus resinosa			Sorbus decora		
Betula papyrifera			Pinus Strobus			Tilia amer.		
Carpinus carol.			Populus grand.			Tsuga canad.		
Carya cordif.			Populus trem.			Ulmus amer.		
Carya ovata			Prunus pensyl.			Ulmus fulva		
Crataegus sp.			Prunus serotin					
Fraxinus amer.			Prunus virgin.					

Distance: 8 1/2

Shrubs & Herbs		
Achillea millefolium	Euphorbia corol.	Polygonella artic.
Agrimonia gryposepala	Fragaria spp.	Polypodium virg.
Agropyron trachycaulon	Galium boreale	Potentilla simplex
var. glaucum	Galium triflorum	Prenanthes alba
Alnus rugosa	Gaultheria procum.	Pteridium aquilinum
Amorpha canescens	Gaylussacia baccata	var. latiusculum
Amphicarpa bracteata	Geranium maculatum	Pyrola elliptica
Andropogon Gerardi	Geum canadense	Pyrola rotundifolia
Andropogon scoparius	Gnaphalium obtusif.	Pyrola secunda
Anemone virginiana	var. micradenium	Ranunculus fasc.
Antennaria plantag.	Goodyera pubescens	Ranunculus rhomboid.
Apocynum androsaem.	Helianthemum can.	Rhus glabra
Aquilegia canadensis	Helianthus occident.	Rhus radicans
Arabis lyrata	Heliopsis scabra	Rhus typhina
Aralia nudicaulis	Hepatica americana	Ribes americanum
Arctostaphylos Uva	Heuchera Richardsonii	Rosa spp.
Aronia melanocarpa	Hieracium canadense	Rubus-blackberry
Artemisia caudata	Hieracium scabrum	Rubus-dewberry
Aster azureus	Houstonia longifolia	Rubus-raspberry
Aster lateriflorus	Hypoxis hirsuta	Rudbeckia hirta
var. pendulus	Hystrix patula	Salix discolor
Aster laevis	Juncus Greenii	var. latifolia
Aster macrophyllus	Koeleria crisata	Sambucus canadensis
Aster ptarmicoides	Krigia biflora	Sanicula gregaria
Aster sagittifolius	Lactuca canadensis	Sisyrinchium camp.
Athyrium angustatum	Lathyrus ochroleucus	Smilacina racemosa
Aureolaris pedic.	Lathyrus venosus	Smilacina stellata
Bromus ciliatus	Lithospermum canes.	Smilax ecirrhata
var. intonsus	Lithospermum croceum	Smilax herbacea
Calamagrostis	Lupinus perennis	Smilax hispida
Carex Crawfordii	Lycopodium complan.	Solidago canadensis
Carex pennsylvanica	Lycopodium obscurum	var. gilvocan.
Carex siccata	Lysimachia quadrif.	Solidago juncea
Ceanothus ovatus	Maianthemum can.	Solidago nemoralis
Celastrus scandens	Mitchella repens	Solidago speciosa
Chimaphila umbellata	Monarda fistulosa	var. angustata
Clematis virginiana	Myrica asplenifolia	Tephrosia virginiana
Comandra umbellata	Onoclea sensibilis	Tradescantia ohien.
Convolvulus spitham.	Osmorhiza Claytoni	Trientalis borealis
Coreopsis palmata	Osmunda Claytoniana	Uvularia grandiflora
Cornus alternifolia	Osmunda regalis	Uvularia sessilif.
Cornus canadensis	Oxalis violacea	Vaccinium angustif.
Cornus femina	Panicum implicatum	Vaccinium canadense
Cornus stolonifera	Parthenocissus vitacea	Vicia americana
Corylus americana	Pedicularis lanc.	Vicia villosa
Cypripedium acaule	Phlox pilosa	Viola canadensis
Desmodium acuminatum	Phryma leptostachya	Viola cucullata
Desmodium canadense	Physalis virginiana	Viola pedata
Diervilla Lonicera	Poa compressa	var. lineariloba
Dryopteris spin.	Polygala polygama	Viola sagittata
Epigaea repens	Polygonatum biflorum	Vitis aestivalis
Erigeron ramosus		Zanthoxylum amer.

Actaea rubra
 Adiantum pedatum
 Aletris farinosa
 Anemone canadensis
 Anemone cylindrica
 Anemone quinquefolia
 Apocynum cannabinum
 Arabis canadensis
 Aralia hispida
 Arenaria lateriflora
 Arisaema strobiliferum
 Asarum canadense
 Asclepias amplexicaulis
 Asclepias phytolacca
 Asclepias syriaca
 Asclepias tuberosa
 Aster caeruleus
 Aster puniceus
 Aster sericeus
 Baptisia leucantha
 Baptisia leucophylla
 Boehmeria cylindrica
 Botrychium virginicum
 Bromus Kalmii
 Campanula aparinoides
 Campanula rotundifolia
 Ceanothus americanus
 Chamaedaphne calyculata
 Circaea latifolia
 Claytonia virginica
 Clintonia borealis
 Conopholis americana
 Coptis trifolia
 Cornus rugosa
 Corydalis aurea
 Corydalis sempervirens
 Corylus cornuta
 Cryptotaenia canadensis
 Cystopteris fragilis
 Cyperus filiculmis
 Cyperus Schweinitzii
 Danthonia spicata
 Dentaria laciniata
 Desmodium nudiflorum
 Dicentra canadensis
 Dioscorea villosa
 Dodecatheon meadia
 Dryopteris cristata
 Dryopteris Linnaea
 Dryopteris marginalis
 Dryopteris Phlegmaria
 Equisetum arvense
 Equisetum hyemale
 var. affine
 Erigeron phillyriaefolius

Erysimum cheiranthoides
 Erythronium albidum
 Eupatorium perfoliatum
 Galium aparine
 Galium asperellum
 Galium Claytonia
 Galium concinnum
 Galium lanceolatum
 Gerardia Guttieraria
 Habenaria psycodes
 Hamamelis virginiana
 Helianthemum Bicknellii
 Hepatica acutiloba
 Hydrophyllum virginicum
 Hypericum Kalmianum
 Ilex verticillata
 Impatiens biflora
 Iris virginica
 var. Shrevei
 Isopyrum biternatum
 Juncus tenuis
 Laportea canadensis
 Lechea intermedia
 Ledum groenlandicum
 Lespedeza capitata
 Liatris aspera
 Liatris cylindrica
 Liatris pycnostachya
 Lilium michiganense
 Linaria canadensis
 Liparis lilifolia
 Lobelia cardinalis
 Lobelia inflata
 Lobelia spicata
 Lonicera dioica
 Lonicera oblongifolia
 Lonicera prolifera
 Lychnis alba
 Lycopodium clavatum
 Lycopodium americana
 Lysimachia terrestris
 Menispermum canadensis
 Mitella diphylla
 Monarda punctata
 Monotropa uniflora
 Oenothera biennis
 Oenothera muricata
 Optunia Rafinesquii
 Orobanche uniflora
 Osmunda cinnamomea
 Oxypolis rigidior
 var. longifolia
 Pedicularis canadensis
 Pellaea glabella
 Pentstemon gracilis
 var. wisconsinensis

Physocarpus opulifolius
 Podophyllum peltatum
 Polemonium reptans
 Polygala sanguinea
 Polygonatum pubescens
 Potentilla arguta
 Prunella vulgaris
 Pteris nodulosa
 Pycnanthemum virginicum
 Ranunculus abortivus
 Ranunculus acris
 Ranunculus pensylvanicus
 Rhus copallina
 Rhus glabra
 var. borealis
 Rhus Vernix
 Ribes cynosbati
 Ribes hirtellum
 Ribes missouriense
 Rudbeckia laciniata
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula marilandica
 Scutellaria epilobium
 Scutellaria parvula
 var. Leonardi
 Silphium perfoliatum
 Solidago castrensis
 Solidago graminifolia
 var. remota
 Solidago hispida
 Solidago missouriensis
 var. glaberrima
 Specularia perfoliata
 Spiraea alba
 Spiraea tomentosa
 var. rosea
 Sporobolus cryptanthus
 Steironema lanceolatum
 Stellaria media
 Symphoricarpos albus
 Taenidia integerrima
 Thalictrum dioicum
 Trillium grandiflorum
 Verbena stricta
 Veronica americana
 Veronicastrum virginicum
 Virburnum acerifolium
 Viburnum affine
 Viburnum Lentago
 Viola eriocarpa
 Viola incognita
 Viola pallens
 Viola pubescens
 Woodsia ilvensis

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[illegible]

Station No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
<i>Agrimonia gryposepala</i>																					
<i>Agropyron trachycaulon</i> var. <i>glaucum</i>																					
<i>Aletris farinosa</i>																					
<i>Alnus rugosa</i>																					
<i>Amorpha canescens</i>																					
<i>Amphicarpa bracteata</i>																					
<i>Andropogon Gerardi</i>																					
<i>Andropogon scoparius</i>																					
<i>Anemone canadensis</i>																					
<i>Anemone cylindrica</i>																					
<i>Anemone quinquefolia</i>										✓	✓		✓			✓		✓	✓	6 30	
<i>Anemone virginiana</i>																					
<i>Antennaria plantaginifolia</i>																					
<i>Antennaria</i> spp.																					
<i>Apocynum androsaemifolium</i>																					
<i>Apocynum cannabinum</i>																					
<i>Aquilegia canadensis</i>																					
<i>Arabis canadensis</i>																					
<i>Arabis lyrata</i>																					
<i>Aralia hispida</i>																					
<i>Aralia nudicaulis</i>										✓										1 5	
<i>Arctostaphylos Uva-ursi</i>																					
<i>Arenaria lateriflora</i>	✓		✓		✓	✓	✓	✓	✓					✓	✓	✓		✓	✓	✓	13 65
<i>Arisaema atrorubens</i>																					
<i>Aronia melanocarpa</i>																					
<i>Artemisia caudata</i>																					
<i>Asarum canadense</i>																					
<i>Asclepias amplexicaulis</i>																					
<i>Asclepias phytolaccoides</i>																					
<i>Asclepias syriaca</i>																					
<i>Asclepias tuberosa</i>																					
<i>Aster azureus</i>																					
<i>Aster caeruleus</i>																					
<i>Aster lateriflorus</i> var. pendulus																					
<i>Aster laevis</i>																					
<i>Aster macrophyllus</i>																					
<i>Aster ptarmicoides</i>																					
<i>Aster puniceus</i>																					
<i>Aster sagittifolius</i>										✓										1 5	
<i>Aster sericeus</i>																					
<i>Athyrium angustatum</i>																					
<i>Aureolaria pedicularia</i>																					
<i>Baptisia leucantha</i>																					
<i>Baptisia leucophaea</i>																					
<i>Boehmeria cylindrica</i>																					
<i>Botrychium virginianum</i>																					
<i>Bromus ciliatus</i> var. intensus																					
<i>Bromus Kalmii</i>																					
<i>Calamagrostis canadensis</i>																					
<i>Campanula aparincoides</i>																					
<i>Campanula rotundifolia</i>																					
<i>Carex Crawfordii</i>																					

Station No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Carex pensylvanica																					86	30
Carex siccata																						
Ceanothus americanus																						
Ceanothus ovatus																						
Celastrus scandens																				1	5	
Chamaedaphne calyculata																						
Chimaphila umbellata																				2	10	
Circaea latifolia																				3	15	
Claytonia virginica																						
Glenatis virginiana																						
Clintonia borealis																						
Comandra umbellata																				1	5	
Conoclinium americana																						
Convolvulus spithameus																						
Coptis trifolia																						
Cercopsis palmata																						
Cornus alternifolia																						
Cornus canadensis																						
Cornus femina																				8	40	
Cornus rugosa																						
Cornus stolonifera																						
Corydalis aurea																						
Corydalis sempervirens																						
Corylus americana																				6	30	
Corylus cornuta																						
Cryptotaenia canadensis																						
Cystopteris fragilis																						
Cyperus filiculmis																						
Cyperus Schweinitzii																						
Cypripedium acaule																						
Danthonia spicata																						
Dentaria laciniata																						
Desmodium acuminatum																				2	10	
Desmodium canadense																						
Desmodium nudiflorum																						
Dicentra canadensis																						
Diervilla lonicera																						
Dioscorea villosa																						
Dodecatheon Meadia																						
Dryopteris cristata																						
Dryopteris Linnaeana																						
Dryopteris marginalis																						
Dryopteris Phlogopteris																						
Dryopteris spinulosa																						
Epigaea repens																						
Equisetum arvense																						
Equisetum hyemale var. affine																						
Erechtites hieracifolia																						
Erigeron ramosus																						
Erysimum cheiranthoides																						
Erythronium albidum																						
Eupatorium perfoliatum																						
Euphorbia corollata																						
Fragaria spp.																				2	10	

Station No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Lobelia inflata																				
Lobelia spicata																				
Lonicera dioica																				
Lonicera oblongifolia																				
Lonicera prolifera																				
Lupinus perennis																				
Lychnis alba																				
Lycopodium clavatum																				
Lycopodium complanatum																				
Lycopodium obscurum																				
Lycopus americana																				
Lysimachia quadrifolia																				
Lysimachia terrestris																				
Maianthemum canadense																				
Menispermum canadensis																				
Mentha spp.																				
Mitchella repens																				
Mitella diphylla																				
Monarda fistulosa																				
Monarda punctata																				
Monotropa uniflora																				
Myrica asplenifolia																				
Oenothera biennis																				
Oenothera muricata																				
Oenoclea sensibilis																				
Opuntia Rafinesquii																				
Orobanche uniflora																				
Osmorhiza Claytoni																				
Osmunda cinnamomea																				
Osmunda Claytoniana																				
Osmunda regalis																				
Oxalis violacea																				
Oxypholis rigidior var.																				
longifolia																				
Panicum implicatum																				
Panicum spp.																				
Parthenocissus vitacea																				
Pedicularis canadensis																				
Pedicularis lanceolata																				
Pellaea glabella																				
Pentstemon gracilis var.																				
wisconsinensis																				
Phlox pilosa																				
Phryma leptostachya																				
Physalis virginiana																				
Physocarpus opulifolius																				
Poa compressa																				
Podophyllum peltatum																				
Polemonium reptans																				
Polygala polygama																				
Polygala sanguinea																				
Polygonatum biflorum																				
Polygonatum pubescens																				
Polygonella articulata																				
Polypodium virginianum																				
Potentilla arguta																				

