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Site 3537: Ashland County, Township 44N, Range 4W, Section 21; Township 44N, Range 4W, Section 28. 1952-08-29

[s.l.]: [s.n.], 1952-08-29

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STAND RECORD

FORESTS

Stand No. 3537

Name:

Locality:

County:

T:

R:

Sec:

Date:

Observers:

Size of Stand:

Size of Area Sampled:

Forest Type:

Soil Type:

Topography:

Slope:

Directions

Condition of Stand:

A lot of old wind thrown timber, apparently white cedar. Occasional cutting. Balsam highlighted. Maples moderately to heavily used by deer. A creek flows thru the yard. Many trails, tracks, and some summer browsing.

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

DEPTH

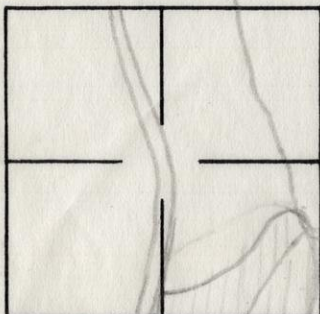
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

v = browse presence

Map:



Northern Pine-Hardwoods

Station Number: 3537

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Lowland C. I.	upland
			-80	-320	321											
Abies bals	9	13	12	1		533	30	20.55	5	22.5	13.04	16.25	10.30	39.59	118.77	277.13
Acer rubru	20	23	22		1	1360	16	10.96	35	50.0	28.99	28.75	2.631	84.05	588.35	504.30
A. sacchar	11	12	12			353	74	50.68	10	27.5	15.94	15.00	6.83	37.77	377.70	377.70
A. spicatu							7	4.79	25							
Betula lut	11	14	11	1	2	1649	6	4.11	5	27.5	15.94	17.50	31.91	65.35	424.78	522.8
B. papyrif																
Carpinus c																
Fagus gran																
Ostrya vir	1	1		1		85				2.5	1.45	1.25	1.64	4.34	43.40	39.06
Picea glau	2	2	1		1	410				5.0	2.90	2.50	7.94	13.34	33.35	80.04
Pinus Bank																
P. resinosa																
P. Strobus	1	1	1			30				2.5	1.45	1.25	0.58	3.28	9.84	16.4
Populus ba																
P. grandid																
P. tremulo	1	1	1			60				2.5	1.45	1.25	1.16	3.86	13.51	7.72
Prunus pen																
Quercus el																
Q. rubra																
Tilia amer																
Tsuga cana	1	1	1			47				2.5	1.45	1.25	0.91	3.61	26.08	28.88
Thuja occi	6	6	3	3		428	3	2.05		15.0	8.70	7.50	8.29	24.49	48.98	171.43
Ulmus amer																
Crataegus U. fulva									10							
Prunus vir							1	0.68	5							
Frax nig	6	6	5	1		213	9	4.16	10	15.0	8.70	7.50	4.12	20.32	91.44	121.92
Amelanchier									5							
	69	80	69	7	4	5168	146	99.98			100.01	100	99.99	300.00	1774.20	2216.86

AVE. DIST. BTWN TREES:

732.5 = 18.31

AVE. B. A.:

64.65

TREES/ACRE:

150

DOM./ACRE:

9,690

EE

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	1					2	2	60/30		2
Acer rubrum	23	30	40/16		24	22/20	24/29		19	1
A. sacchar.		4	4	28	3	3	2	2	4	
A. spicatum				1						
Betula lut.	640				370				40	
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Frax nuxa	1	40	15	24					3	
Corylus										
Raspberry										
Distance	37-6	18	23	34	20	15-6	5	16	14	11

Lower cor

EE

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3537

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	2	4	1	1	1					
Acer rubrum					✓	70	3	2	1	40
A. sacchar.	1		1							4
A. spicatum				✓			✓			
Betula lut.	24	1		$\frac{35}{21}$	$\frac{55}{60}$	20	1	55	14	3
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau		70						340		
Pinus Bank										
P. resinosa										
P. Strobus			30							
Populus bals										
P. grand										
P. trem	60									
Prunus pen.										✓
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ		18	15	2			90		120	
Ulmus amer										
U. fulva										
Frax. nigra	✓	✓			✓	✓		4	35	85
Amelanch			✓			✓				
Corylus			✓	✓	✓	✓	✓			
Distance	15	16-6	14-6	18-6	22-6	12-6	15	8	24-6	23-6

over

EE

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam				60	322	16	120			
Acer rubrum	40	20	25 14			75 20		55 35 21		60
A. sacchar.		326	3	3	135	4	3		2	60 35
A. spicatum							4	2		
Betula lut.				40						
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg			85							
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen. <i>mn</i>										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
<i>Frax nigra</i>	14									
<i>Rough</i>										
<i>Raspbery</i>										
Distance	14	21	35	19	16-6	75	17-6	13-6	11-6	24-6

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POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3537

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		16	28					45	13	100
Acer rubrum	480			95	2	18	15	20	2	
A. sacchar.	13		427	4	15	2	15	4	40	17
A. spicatum										
Betula lut.									940	35
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ		35								
Ulmus amer										
U. fulva										
Corylus										
Raspbery										
Distance	28	18-6	17	18	20-6	25	8-6	20-6	9	16-6

yard EE
3537

[illegible]

TABULATION FORM

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STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HERBS:																						
<i>Actaea pachypoda</i>																						
<i>Actaea rubra</i>																						
<i>Adenocaulon bicolor</i>																						
<i>Adiantum pedatum</i>																						
<i>Agrimonia gryposepala</i>	✓																					1
<i>Allium tricoccum</i>																						
<i>Alnus incana</i>																						
<i>Alnus rugosa</i>																						
<i>Amphicarpa bracteata</i>																						
<i>Anemone canadensis</i>																						
<i>Anemone cylindrica</i>																						
<i>Anemone quinquefolia</i>																						
<i>Antennaria sp.</i>																						
<i>Apocynum androsaemifolium</i>																						
<i>Apocynum cannabinum</i>																						
<i>Aquilegia canadensis</i>																						
<i>Aralia hispida</i>																						
<i>Aralia nudicaulis</i>	✓																					13
<i>Aralia racemosa</i>																						
<i>Arctostaphylos uva-ursi</i>																						
<i>Arisaema atrorubens</i>	✓																					
<i>Asarum canadense</i>																						
<i>Asclepias exaltata</i>																						
<i>Aster cordifolius</i>																						
<i>Aster lateriflorus</i>																						
<i>Aster macrophyllus</i>	✓																					6
<i>Aster prenanthoides</i>																						
<i>Aster sagittifolius</i>	✓																					
<i>Aster shortii</i>																						
<i>Aster umbellatus</i>																						
<i>Athyrium filix-femina</i>	✓																					2
<i>Athyrium thelypteroides</i>																						
<i>Boehmeria cylindrica</i>																						
<i>Botrychium lanceolatum</i>																						
<i>Botrychium matricariaefolium</i>																						
<i>Botrychium virginianum</i>																						
<i>Brachyleytrum erectum</i>	✓																					6
<i>Bromus purgans</i>	✓																					1
<i>Campanula americana</i>																						
<i>Campanula rotundifolia</i>																						
<i>Cardamine pensylvanica</i>																						
<i>Carex albursina</i>																						
<i>Carex pensylvanica</i>																						
<i>Carex plantaginea</i>																						
<i>Caulophyllum thalictroid</i>																						
<i>Ceanothus ovatus</i>																						
<i>Celastrus scandens</i>																						
<i>Chimaphilia umbellata</i>																						
<i>Cicuta maculata</i>																						
<i>Circaea alpina</i>	✓																					3
<i>Circaea quadrisulcata</i>																						

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3537

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Cirsium altissimum																							
Claytonia caroliniana																							
Claytonia virginica																							
Clematis verticillaris																							
Clintonia borealis	✓																					4	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓																					2	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia	✓																					2	
Cornus canadensis	✓																					5	
Cornus foemina																							
Cornus rugosa																							
Corydalis sp.																							
Corylus americana																							
Corylus cornuta	✓																					6	
Cryptotaenia canadensis																							
Cynoglossum boreale																							
Cypripedium acaule																							
Cypripedium parviflorum																							
Cypripedium pubescens																							
Cystopteris fragillis																							
Danthonia spicata																							
Dentaria diphylla																							
Desmodium glutinosum																							
Desmodium nudiflorum																							
Dicentra canadensis																							
Dicentra cucullaria																							
Diervilla lonicera	✓																					2	
Dirca palustris																							
Dryopteris bootii																							
Dryopteris cristata																							
Dryopteris goldiana																							
Dryopteris disjuncta	✓																					2	
Dryopteris phegopteris	✓																					1	
Dryopteris spinulosa	✓																					9	
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense	✓																						
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

Stand No. 3537

[illegible]

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3537

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Prenanthes alba																							
Prunella vulgaris																							
Pteretis pensylvanica	✓																						
Pteridium aquilinum	✓																					2	
Pyrola asarifolia																							
Pyrola elliptica	✓																					1	
Pyrola minor																							
Pyrola rotundifolia																							
Pyrola secunda																							
Pyrola virens																							
Ranunculus abortivus	✓																					1	
Ranunculus recurvatus	✓																					2	
Ranunculus septentrional																							
Rhus radicans																							
Rhus typhina																							
Ribes americanum	✓																					1	
Ribes cynosbati																							
Ribes lacustre	✓																						
Ribes triste	✓																					1	
Rosa sp.																							
Rubus idaeus																							
Rubus parviflorus																							
Rubus hispidus																							
Rubus - blackberry	✓																					1	
Rubus - dewberry	✓																					5	
Rubus - raspberry	✓																					8	
Salix sp.																							
Sambucus canadensis																							
Sambucus pubens																							
Sanguinaria canadensis																							
Sanicula gregaria																							
Sanicula marilandica																							
Schizachne purpurascens																							
Scutellaria lateriflora																							
Senecio aureus																							
Shepherdia canadensis																							
Smilacina racemosa																							
Smilacina stellata																							
Smilax ecirrhata																							
Smilax herbacea																							
Smilax hispida																							
Solidago canadensis	✓																						
Solidago flexicaulis	✓																						
Solidago ulmifolia																							
Spiraea alba																							
Stellaria longifolia																							
Streptopus amplexifolius																							
Streptopus roseus	✓																						
Symphoricarpos albus																							
Taxus canadensis	✓																						
Thalictrum dioicum	✓																						

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3537

[illegible]

STAND NO. 3537

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3537

[illegible]

yard EE

1774.2

40.0015 Acre Quadrat Summary

3537

Browse Shrubs	# Quad.	Freq. %	% Sum. Freq.	Dens: Calc.	Dens: Calc.	%ZF S-S
Betula pum				#	%ZF	
Cornus alt						
Cornus rug						
Cornus stol						
Corylus amer						
Corylus corn	19	47.5	54.29		38.00	22.62
Diervilla lon						
Dirca palus						
Ilex vertic						
Ledum groen						
Lonicera can	2	5.0	5.71		4.00	2.38
Lonicera obl						
Nemopanthus m.						
Rhamnus aln						
Rhus typhina						
Ribes american						
Ribes cyno						
Ribes lacus						
Ribes triste						
Rosa						
Rubus parvi						
Rubus - black	1	2.5	2.86		2.00	1.19
Rubus - rasp	13	32.5	37.14		26.00	15.48
Salix						
Sambucus can						
S. pubens						
Taxus can						
Vaccinium can						
Viburnum acer						
Viburnum af						
Acer spic		30.0		12	24.00	14.29
Amelanchier		5.0		2	4.00	2.38
Crataegus		2.5		1	2.00	1.19
	35		100	50	100.00	41.67
	49			54		58.33
	84			84		100.00
						59.53
						40.47
						100.00

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. EE
3537

✓ *Abies balsamea*
 ✓ *Acer rubrum* ///
 ✓ *Acer saccharum* //
 ✓ *Acer spicatum* //
 ✓ *Amelanchier* sp. /
 ✓ *Betula lutea*
 ✓ *Betula papyrifera*
Caprinus caroliniana
Carya cordiformis
 ✓ *Crataegus* sp. //
Fagus grandiflora
Fraxinus americana
 ✓ *Fraxinus nigra* //

Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
Picea glauca
Pinus banksiana
Pinus resinosa
Pinus strobus
Populus balsamifera
Populus grandidentata
 ✓ *Populus tremuloides*
Prunus pennsylvanica
Prunus serotina

✓ *Prunus virginiana* /
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Sorbus decora
 ✓ *Thuja occidentalis*
Tilia americana
 ✓ *Tsuga canadensis*
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia gryposepala /
Allium tricoccum
Alnus rugosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Aquilegia canadensis
Aralia nudicaulis ///
Aralia racemosa
Arctostaphylos uva-ursi
 ✓ *Arisaema atrorubens*
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
Aster lateriflorus
Aster macrophyllus ///
Aster prenanthoides
 ✓ *Aster sagittifolius*
Aster shortii
Aster umbellatus
 ✓ *Athyrium angustum* //
Aureolaria pedicularia
Boehmeria cylindrica
Botrychium virginianum
 ✓ *Brachyelytrum erectum* ///
Bromus purgans /
Campanula americana
Carex albursina
Carex pensylvanica
Caulophyllum thalictroides
Celastrus scandens
Chimaphila umbellata
Chiogenes hispidula

Circaea alpina ///
Circaea latifolia
Claytonia caroliniana
Claytonia virginiana
Clintonia borealis ///
Convolvulus spithameus
 ✓ *Coptis trifolia* //
Corallorrhiza maculata
Corallorrhiza striata
 ✓ *Cornus alternifolia* //
 ✓ *Cornus canadensis* ///
Cornus femina
Cornus rugosa
Corylus americana
Corylus cornuta ///
Cryptotaenia canadensis
Cypripedium acaule
Cypripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
 ✓ *Diervilla lonicera* //
Dirca palustris
 ✓ *Dryopteris linneana* //
Dryopteris phegopteris
 ✓ *Dryopteris spinulosa* ///
Epifagus virginiana
Epigaea repens
 ✓ *Equisetum arvense*
Erythronium americanum
Fragaria virginiana
 ✓ *Galium aparine* /
Galium boreale
Galium circaezans
Galium concinnum

Galium lanceolatum
 ✓ *Galium triflorum* ///
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Goodyera pubescens
Goodyera repens
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Hieracium canadense
Hydrophyllum virginianum
Hystrix patula
Impatiens biflora //
 ✓ *Lactuca canadensis* //
Laportea canadensis ///
Lappula virginica
Lathyrus ochroleucus
Ledum groenlandicum
Linnaea borealis
 ✓ *Lonicera canadensis* //
Lonicera hirsuta
Lonicera oblongifolia
Lonicera prolifera
Luzula multiflora
 ✓ *Lycopodium annotinum*
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
 ✓ *Lycopodium obscurum* //
Lycopodium tristachyum
Lycopus americanus /
Lycopus uniflora
Lysimachia quadrifolia
Maianthemum canadense ///

Melampyrum lineare
 Mitchella repens
 Mitella diphylla
 Mitella nuda III
 Monarda fistulosa
 Moneses uniflora
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 ✓ Oryzopsis asperifolia IV
 ✓ Osmorhiza claytoni
 Osmunda cinnamomea
 ✓ Osmunda claytoniana
 ✓ Oxalis montana II
 Panax quinquefolia
 Parietaria pennsylvanica
 Parthenocissus vitacea
 Pedicularis lanceolata
 Phytolacca leptostachya
 Podophyllum peltatum
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens IIII
 Potentilla simplex
 Prenanthes alba
 ✓ Pteretis nodulosa
 ✓ Pteridium aquilinum II

Pyrola elliptica I
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus abortivus
 Ranunculus recurvatus II
 Ranunculus septentrionalis
 Rhus radicans
 Rhus typhina
 ✓ Ribes americanum I
 Ribes cynosbati
 ✓ Ribes lacustre
 ✓ Ribes triste I
 Rubus idaeus
 Rubus parviflorus
 Rubus hispidus
 Rubus - blackberry III
 Rubus - dewberry IIII
 Rubus - raspberry IIII
 Sambucus canadensis
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Schizachne purpurascens
 Scutellaria lateriflora
 Shepherdia canadensis
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata

3537
 Smilax herbacea
 Smilax hispida
 Solidago latifolia
 ✓ Solidago ulmifolia *canadensis*
 Streptopus amplexifolius
 Streptopus roseus
 ✓ Taxus canadensis
 ✓ Thalictrum dioicum I
 Tiarella cordifolia
 Trientalis borealis III
 Trillium cernuum
 Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 Viburnum affine
 Viburnum lentago
 Viola canadensis
 Viola cucullata
 ✓ Viola incognita IIII
 Viola pallens
 Viola pubescens
 Vitis aestivalis
 Vitis riparia
 Waldsteinia fragarioides
 Zanthoxylum americanum

Additional Species:

Carex prosecta II
 Calamagrostis can II
 Elymus alista II
 Carex intem IIII
 Epilobium
 Polygonum cilinode II
 Cinna IIII
 Muh. *leucocarpa*
 Muh. *virginiana*
 Carex hypericifolia
 Carex cincta II
 Thistle Cirsium nuttallianum
 Lycopodium americanum
 narrow leaf aster Aster simplex
 Carex tri I
 ✓ Aster praeceus
 ? Plantain
 Agrostis? II perennans
~~Scirpus, Lyrate~~
 Carex narrow leaf II
 Helle, narrow leaf *Urtica dioica*
~~Epilobium like sag~~
 Carex broad leaf II
 Eupatorium
 maculatum

7-16-52

Ashland

Nos 123-130

Date Form No. 17

Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO.

3537

T44N
R4W
S21

☒ *Abies balsamea*
☒ *Acer rubrum*
☒ *Acer saccharum*
☒ *Acer spicatum*
☒ *Amelanchier* sp.
☒ *Betula lutea*
Betula papyrifera
Caprinus caroliniana
Carya cordiformis
Crataegus sp.
Fagus grandiflora
Fraxinus americana
☒ *Fraxinus nigra*

Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
Picea glauca
Pinus banksiana
Pinus resinosa
Pinus strobus
Populus balsamifera
Populus grandidentata
Populus tremuloides
Prunus pennsylvanica
Prunus serotina

Prunus virginiana
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Sorbus decora
Thuja occidentalis
Tilia americana
☒ *Tsuga canadensis*
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia grypsossepala
Allium tricoccum
Alnus rugosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Aquilegia canadensis
☒ *Aralia nudicaulis*
Aralia racemosa
Arctostaphylos uva-ursi
Arisaema atrorubens
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
Aster lateriflorus
Aster macrophyllus
Aster prenanthoides
Aster sagittifolius
Aster shortii
Aster umbellatus
☒ *Athyrium angustum*
Aureolaria pedicularia
Boehmeria cylindrica
Botrychium virginianum
Brachyelytrum erectum
☒ *Bromus purgans*
Campanula americana
Carex albursina
Carex pensylvanica
Caulophyllum thalictroides
Celastrus scandens
Chimaphila umbellata
Chiogenes hispidula

Circaea alpina
Circaea latifolia
Claytonia caroliniana
Claytonia virginiana
☒ *Clintonia borealis*
☒ *Convolvulus spithameus*
☒ *Coptis trifolia*
Corallorrhiza maculata
Corallorrhiza striata
Cornus alternifolia
☒ *Cornus canadensis*
Cornus femina
Cornus rugosa
Corylus americana
☒ *Corylus cornuta*
Cryptotaenia canadensis
Cypripedium acaule
Cypripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
☒ *Diervilla lonicera*
Dirca palustris
Dryopteris linneana
Dryopteris phegopteris
☒ *Dryopteris spinulosa*
Epifagus virginiana
Epigaea repens
☒ *Equisetum arvense*
Erythronium americanum
Fragaria virginiana
Galium aparine
Galium boreale
Galium circaeans
Galium concinnum

Galium lanceolatum
☒ *Galium triflorum*
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
☒ *Geum canadense*
Gnaphalium obtusifolium
Goodyera pubescens
Goodyera repens
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Hieracium canadense
Hydrophyllum virginianum
Hystrix patula
☒ *Impatiens biflora*
☒ *Lactuca canadensis*
Laportea canadensis
Lappula virginica
Lathyrus ochroleucus
Ledum groenlandicum
☒ *Linnaea borealis*
☒ *Lonicera canadensis*
☒ *Lonicera hirsuta*
Lonicera oblongifolia
Lonicera prolifera
Luzula multiflora
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
☒ *Lycopodium lucidulum*
☒ *Lycopodium obscurum*
Lycopodium tristachyum
Lycopus americanus
Lycopus uniflora
Lysimachia quadrifolia
☒ *Maianthemum canadense*

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Melampyrum lineare
Mitchella repens
Mitella diphylla
Mitella nuda
Monarda fistulosa
Moneses uniflora
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
✓ Osmorhiza claytoni
✓ Osmunda cinnamomea
✓ Osmunda claytoniana
✓ Oxalis montana
Panax quinquefolia
Parietaria pennsylvanica
Parthenocissus vitacea
Pedicularis lanceolata
Phyrma leptostachya
Podophyllum peltatum
Polemonium reptans
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteretis nodulosa
✓ Pteridium aquilinum

Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus abortivus
Ranunculus recurvatus
Ranunculus septentrionalis
Rhus radicans
Rhus typhina
Ribes americanum
Ribes cynosbati
Ribes lacustre
Ribes triste
Rubus idaeus
Rubus parviflorus
Rubus hispidus
Rubus - blackberry
✓ Rubus - dewberry
✓ Rubus - raspberry
Sambucus canadensis
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Schizachne purpurascens
Scutellaria lateriflora
Shepherdia canadensis
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata

Smilax herbacea
Smilax hispida
Solidago latifolia
Solidago ulmifolia
✓ Streptopus amplexifolius
✓ Streptopus roseus
Taxus canadensis
✓ Thalictrum dioicum
Tiarella cordifolia
✓ Trientalis borealis
Trillium cernuum
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
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Viburnum lentago
Viola canadensis
Viola cucullata
✓ Viola incognita
Viola pallens
Viola pubescens
Vitis aestivalis
Vitis riparia
Waldsteinia fragarioides
Zanthoxylum americanum

T44N
R4W
S21

Additional Species:

~~Middle sedge~~ Carex intumescens
~~Frag like~~ Rubus dewberry
~~Scass sedge~~ Carex trisperma
? Nettle
Thistle

Upland, Heavy use.