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Site 3598: Washburn County, Township 38N, Range 10W, Section 20. 1953-07-22

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Yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3598

Name:

Locality:

County: Washburn

T: 38N R: 10W Sec: 20

Date: 7-22-53

Observers: Christensen

Size of Stand:

Size of Area Sampled:

Forest Type:

Soil Type:

Topography: rolling, with low wet places
essentially upland.

Slope:

Directions

Condition of Stand:

Slight cutting in spots. Many rotten, burned stumps.
A heavily used deer yard in the past - before the
winter of 1952-53. Balsams all highlined. Other
browse universally used.
Canopy rather closed.

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

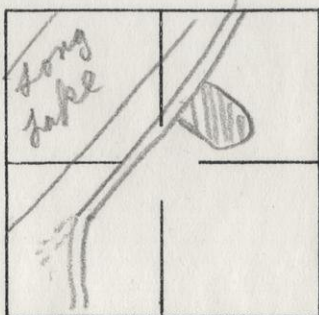
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

x = browse presence

Map:



Northern Pine-Hardwoods

Station Number: 3598

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Upland C. I.
			-80	-320	321										
Abies bals	14	32	32			734	39	25.66	5	35.0	15.73	20.00	10.31	46.04	322.38 207.18
Acer rubru	2	2	2			65	14	9.21	10	5.0	2.25	1.25	0.91	4.41	26.46 26.46
A. sacchar							27	17.76	10						
A. spicatu							1	0.66	25						
Betula lut	8	10	8	2		563	2	1.32	10	20.0	8.99	6.25	7.91	23.15	185.20 173.62
B. papyrif	8	10	10			145	14	9.21	5	20.0	8.99	6.25	2.04	17.28	86.40 86.40
Carpinus c															
Fagus gran															
Ostrya vir							2	1.32							
Picea glau	1	1	1			35	2	1.32		2.5	1.12	0.63	0.49	9.24	134.4 8.96
Pinus Bank															
P. resinosa	2	2		2		460				5.0	2.25	1.25	6.46	99.6	29.88 34.86
P. Strobus	2	2		1	1	560			5	5.0	2.25	1.25	7.86	11.36	56.80 45.44
Populus ba															
P. grandid															
P. tremulo	23	54	48	6		2445	7	4.61	5	57.5	25.84	33.75	34.34	93.93	187.86 328.15
Prunus pen															
Quercus el															
Q. rubra	2	2	2			115				5.0	2.25	1.25	1.61	5.11	30.66 35.77
Tilia amer	3	3	2	1		167	5	3.29	5	7.5	3.37	1.88	2.35	7.60	60.80 64.60
Tsuga cana	1	1	1			18				2.5	1.12	0.63	0.25	2.00	16.00 17.0
Thuja occi															
Ulmus amer	8	11	10	1		497	4	2.63		20.0	8.99	6.88	6.98	22.85	182.80 125.67
U. fulva															
Frax. nig	14	29	26	3		1297	34	22.37	60	35.0	15.73	18.13	18.21	52.07	312.42 260.35
Quercus alba	1	1	1			20				2.5	1.12	0.63	0.28	2.03	8.12 8.12
Frax. am							1	0.66							
	89	160	143	16	1	7121	152	100.02			100.00	100.03	100	300.03	1519.12 423.18

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

Stand No.

over	Lox. nysa
	Cornus alt
	Prunus ser.
	Rubus am
	Distance

□

[illegible]

Stand No. 3598

[illegible]

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3598
Quadrat No. 1-5~~Abies~~
~~Maxim~~ 12345~~Bet. lutea~~
~~Acer spic~~ 23
Fragaria virginiana 124~~Pop. trem~~ 5
Potentilla simplex ~~Acer rubrum~~ 5

Actaea pachypoda

Galium lanceolatum

Prenanthes alba

Actaea rubra

Galium triflorum 4

Pteridium aquilinum

Adiantum pedatum

Gaultheria procumbens

Pyrola elliptica

Allium tricoccum

Gaylussacia baccata

Pyrola rotundifolia

Anemone quinquefolia

Geranium maculatum

Pyrola secunda

Aquilegia canadensis

Geum canadense

Ranunculus recurvatus

Aralia nudicaulis 25

Gnaphalium obtusifolium

Rhus radicans 5

Aralia racemosa

Helianthemum sp.

Ribes americanum 12

Arisaema atrorubens 2

Helianthus strumosus

Fosa sp.

Aster macrophyllus 45

Hepatica acutiloba

Rubus parviflorus

Aster sagittifolius 5

Hepatica americana

Rubus (blackberry)

Athyrium angustum 3

Impatiens biflora 23

Rubus (dewberry) 134

Botrychium virginianum 3

Linnaea borealis

Sambucus pubens

Brachyelytrum erectum 4

Lonicera oblongifolia

Sanguinaria canadensis

Carex albursina

Lupinus perennis 4

Sanicula gregaria

Caulophyllum thalictroides

Lycopodium annotinum

Smilacina racemosa

Chimaphila umbellata

Lycopodium complanatum

Smilacina stellata

Circaea alpina 23

Lycopodium lucidulum

Smilax ecirrhata

Circaea latifolia

Lycopodium obscurum

Solidago ulmifolia

Clintonia borealis 45

Lysimachia quadrifolia

Streptopus roseus

Coptis trifolia 4

Maianthemum canadense 2

Taxus canadensis

Corallorrhiza maculata

Mitchella repens 4

Thalictrum dioicum

Cornus alternifolia

Mitella diphylla

Trientalis borealis

Cornus canadensis 2

Mitella nuda 3

Trillium grandiflorum

Cornus rugosa

Monotropa uniflora

Uvularia grandiflora

Corylus americana

Myrica asplenifolia

Uvularia sessilifolia

Corylus cornuta

Onoclea sensibilis

Vaccinium angustifolium

Cypripedium acaule

Oryzopsis asperifolia 15

Vaccinium pennsylvanicum

Diervilla lonicera 4

Osmorhiza claytoni

Viburnum acerifolium

Dirca palustris

Oxalis montana

Viola canadensis

Dryopteris linnaeana

Phryma leptostachya

Viola cucullata

Dryopteris phegopteris

Polygala pauciflora

Viola pallens 14

Dryopteris spinulosa 12

Polygonatum commutatum

Viola pubescens

Epifagus virginiana

Polygonatum pubescens 5

Waldsteinia fragarioides

Epigaea repens

Lycopodium am. 1

Carex triperma 12

Carex broad 2

Carex narrow 2345

Lupinus 23

Lactuca can. 3 canadensis

Scutellaria lat. 4 latiflora

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3598
Quadrat No. 6-10

Actaea pachypoda

Fragaria virginiana 14

Potentilla simplex

Actaea rubra

Galium lanceolatum

Prenanthes alba

Adiantum pedatum

Galium triflorum 3

Pteridium aquilinum 134

Allium tricoccum

Gaultheria procumbens 15

Pyrola elliptica

Anemone quinquefolia

Gaylussacia baccata

Pyrola rotundifolia

Aquilegia canadensis

Geranium maculatum

Pyrola secunda 4

Aralia nudicaulis 134

Geum canadense

Ranunculus recurvatus

Aralia racemosa

Gnaphalium obtusifolium

Rhus radicans

Arisaema atrorubens

Helianthemum sp.

Ribes americanum

Aster macrophyllus 1345

Helianthus strumosus

Rosa sp.

Aster sagittifolius 4

Hepatica acutiloba

Rubus parviflorus

Athyrium angustum

Hepatica americana 4

Rubus (blackberry) 234

Botrychium virginianum

Impatiens biflora 3

Rubus (dewberry) 14

Brachyelytrum erectum 24

Linnaea borealis

Sambucus pubens 3

Carex albursina

Lonicera oblongifolia

Sanguinaria canadensis

Caulophyllum thalictroides

Lupinus perennis

Sanicula gregaria

Chimaphila umbellata

Lycopodium annotinum

Smilacina racemosa

Circaea alpina

Lycopodium complanatum

Smilacina stellata

Circaea latifolia 3

Lycopodium lucidulum

Smilax ecirrhata

Clintonia borealis 5

Lycopodium obscurum

Solidago ulmifolia

Coptis trifolia

Lysimachia quadrifolia

Streptopus roseus

Corallorrhiza maculata

Maianthemum canadense

Taxus canadensis

Cornus alternifolia

Mitchella repens

Thalictrum dioicum

Cornus canadensis

Mitella diphylla

Trientalis borealis

Cornus rugosa

Mitella nuda 3

Trillium grandiflorum

Corylus americana

Monotropa uniflora

Uvularia grandiflora

Corylus cornuta 25

Myrica asplenifolia

Uvularia sessilifolia

Cypripedium acaule

Onoclea sensibilis

Vaccinium angustifolium

Diervilla lonicera 13

Oryzopsis asperifolia 125

Vaccinium pennsylvanicum

Dirca palustris

Osmorhiza claytoni

Viburnum acerifolium

Dryopteris linnaeana

Oxalis montana

Viola canadensis

Dryopteris phegopteris

Phryma leptostachya

Viola cucullata

Dryopteris spinulosa

Polygala pauciflora

Viola pallens

Epifagus virginiana

Polygonatum commutatum

Viola pubescens 123

Epigaea repens

Polygonatum pubescens 345

Waldsteinia fragarioides

Amphicarpia bacillata 134

Carex lasiocarpa 2345

Lactuca can. 2

Parthenocissus 3

HERB FREQUENCY

Acer rubrum 2
Pinus strobus 4
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 123
Aster sagittifolius 1
Athyrium angustum
Botrychium virginianum
Brachelytrum erectum 4
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 23
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 23
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera 45
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
Amelanchier 1
Vaccinium 23
Lactuca can 3

NORTHERN PINE-HARDWOODS

Acer spicatum 5
Frax nigra 5
Fragaria virginiana 4
Galium lanceolatum
Galium triflorum
Gaultheria procumbens 124
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 25
Mitchella repens 34
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 1234
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Stand No. 3599
 Quadrat No. 11-15

Acer sacch 5
Potentilla simplex
Prenanthes alba
Pteridium aquilinum 123
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 45
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry) 1235
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 235
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3598
Quadrat No. 16-20*Frax nigra* +345*Act. spic* 45
Set. lat. 4
Fragaria virginiana 45

Actaea pachypoda

Galium lanceolatum

Potentilla simplex

Actaea rubra

Galium triflorum 35

Prenanthes alba

Adiantum pedatum

Gaultheria procumbens

Pteridium aquilinum

Allium tricoccum

Gaylussacia baccata

Pyrola elliptica

Anemone quinquefolia

Geranium maculatum

Pyrola rotundifolia

Aquilegia canadensis

Geum canadense

Pyrola secunda

Aralia nudicaulis 34

Gnaphalium obtusifolium

Ranunculus recurvatus

Aralia racemosa

Helianthemum sp.

Rhus radicans

Arisaema atrorubens 3

Helianthus strumosus

Ribes americanum

Aster macrophyllus

Hepatica acutiloba

Rosa sp.

Aster sagittifolius

Hepatica americana

Rubus parviflorus

Athyrium angustum 1234

Impatiens biflora 123

Rubus (blackberry)

Botrychium virginianum

Linnaea borealis

Rubus (dewberry) 35

Brachyelytrum erectum

Lonicera oblongifolia

Sambucus pubens

Carex albursina

Lupinus perennis

Sanguinaria canadensis

Caulophyllum thalictroides

Lycopodium annotinum

Sanicula gregaria

Chimaphila umbellata

Lycopodium complanatum

Smilacina racemosa

Circaea alpina 3

Lycopodium lucidulum

Smilacina stellata

Circaea latifolia

Lycopodium obscurum

Smilax ecirrhata

Clintonia borealis

Lysimachia quadrifolia

Solidago ulmifolia

Coptis trifolia

Maianthemum canadense

Streptopus roseus

Corallorrhiza maculata

Mitchella repens

Taxus canadensis

Cornus alternifolia

Mitella diphylla

Thalictrum dioicum

Cornus canadensis

Mitella nuda 3

Trientalis borealis

Cornus rugosa

Monotropa uniflora

Trillium grandiflorum

Corylus americana

Myrica asplenifolia

Uvularia grandiflora

Corylus cornuta

Onoclea sensibilis 3

Uvularia sessilifolia

Cypripedium acaule

Oryzopsis asperifolia

Vaccinium angustifolium

Diervilla lonicera

Osmorhiza claytoni

Vaccinium pennsylvanicum

Dirca palustris

Oxalis montana

Viburnum acerifolium

Dryopteris linnaeana

Phryma leptostachya

Viola canadensis

Dryopteris phegopteris

Polygala pauciflora

Viola cucullata

Dryopteris spinulosa 5

Polygonatum commutatum

Viola pallens *incognita* 15

Epifagus virginiana

Polygonatum pubescens

Viola pubescens

Epigaea repens

Laportea 3

Waldsteinia fragarioides

Carex lasiocarpa 1235*Solidago* 1*Laportea* 1*Aster simplex* 1*Parthenocissus* 2*Scut. epi.* 2

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3598

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

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3598

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

Stand No. 3598

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3598

[illegible]

NORTHERN PINE-HARDWOODS

[illegible]

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<i>Trientalis borealis</i>	✓												✓	✓		✓					3
<i>Trillium cernuum</i>																					
<i>Trillium grandiflorum</i>																					
<i>Uvularia grandiflora</i>																					
<i>Uvularia sessilifolia</i>																					
<i>Vaccinium angustifolium</i>	✓												✓	✓							2
<i>Vaccinium myrtilloides</i>																					
<i>Veronicastrum virginicum</i>																					
<i>Viburnum acerifolium</i>	✓																				
<i>Viburnum rafinesquianum</i>																					
<i>Viburnum lentago</i>																					
<i>Viola adunca</i>																					
<i>Viola blanda</i>																					
<i>Viola canadensis</i>																					
<i>Viola conspersa</i>																					
<i>Viola cucullata</i>																					
<i>Viola pensylvanica</i>																					
<i>Viola incognita</i>	✓	✓			✓												✓			✓	4
<i>Viola pallens</i>																					
<i>Viola pubescens</i>	✓						✓	✓	✓												3
<i>Viola renifolia</i>																					
<i>Vitis aestivalis</i>																					
<i>Vitis riparia</i>																					
<i>Waldsteinia fragarioides</i>																					
<i>Xanthoxylum americanum</i>																					
<i>Zizia aurea</i>																					
Additional species:																					
<i>Saururus pectinatus</i>							✓				✓	✓	✓	✓							5

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3598

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3598

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3598

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3598

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 *seedlings*
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
 Mitchellia 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
 Phytolacca leptostachya
 Podophyllum peltatum
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens
 Potentilla simplex
 Prenanthes alba
 ✓ Pteris 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

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 ✓ 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
 Vaccinium pennsylvanicum
 ✓ Viburnum acerifolium
 Viburnum affine
 Viburnum lentago
 Viola canadensis
 Viola cucullata
 Viola incognita
 Viola pallens
 Viola pubescens
 Vitis aestivalis
 Vitis riparia
 Waldsteinia fragarioides
 Zanthoxylum americanum

Additional Species:

Carex intumescens
 Chelone glabra
 Calla palustris
 Dryopteris cristata
~~Aster borealis~~ Solidago patula
 Glycyrrhiza strata
 Ilex
 Solidago canadensis
 Potentilla norvegica
 Var. can.
 Scutellaria epilobifolia
 Aster puniceus
 Teucrium
~~M. arvensis~~ like
 Scirpus cyperinus