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Site 3599: Washburn County, Township 38N, Range 10W, Section 9. 1953-07-22

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yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3599

Name:

County: Washburn

Date: 7-22-53

Size of Stand:

Forest Type: aspen

Topography: rolling upland

Locality:

T: 38N R: 10W

Sec: 9

Observers:

Christensen

Size of Area Sampled:

Soil Type:

Slope:

Directions

20 point (80)
20 quads.

Condition of Stand:

An open, young aspen stand. No cutting.
Deer have used in area rather hard in past. But
it was apparently lightly used last winter.
This is an upland part of a yard. It borders on
Salix thicket and black ash swamp.

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

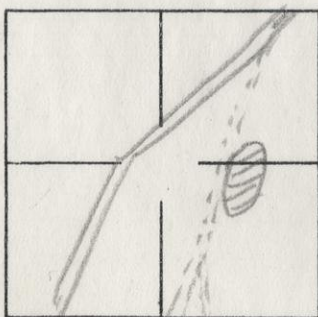
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

X = browse presence

Map:



336

Northern Pine-Hardwoods

Station Number: 3599

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	2	2	2			41	1	1.25		10.0	5.41	250	1.72	9.63	67.41 43.33
Acer rubru							2	250							
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif	5	5	5			79	26	32.50		25.0	13.51	6.25	3.32	23.08	115.40 115.40
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau							1	1.25							
Pinus Bank															
P. resinosa	4	4	3	1		306				20.0	10.81	5.00	12.85	28.66	85.98 100.31
P. Strobus	6	10	10			350	3	3.75	15	30.0	16.22	12.50	14.70	43.42	217.10 173.68
Populus ba															
P. grandid															
P. tremulo	19	58	58			1526	38	47.50	20	95.0	51.35	72.50	64.09	187.94	375.88 657.79
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer							4	5.00							
Tsuga cana															
Thuja occi															
Ulmus amer							2	2.50							
U. fulva							1	1.25							
Salix									5						
Prunus am							2	2.50	30						
Frax nig.	1	1	1			79				5.0	2.70	1.25	3.32	7.27	43.62 36.35
	37	80	79	1		2381	80				100	100	100	300	905.39 1126.86

AVE. DIST. BTW'N TREES:

5.6

AVE B. A.:

29.8

TREES/ACRE:

1296

DOM./ACRE:

38,621

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3599

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam				6						X
Acer rubrum			X							2
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif	4	X 2		5	2	4	2	2	5	1
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										1
Pinus Bank										
P. resinosa							7		X	
P. Strobus	5 5	6 8	X	8 8	2 6	7 6	X	X	X	X
Populus bals										
P. grand			(3)			(4)				(6)
P. trem	7	5 6	6 5	X 2	8 5	4 4	6 7	5 2	5 4	5 2
Prunus pen.			(7)			(7)	(6)	(6)	(6)	(5)
Quercus ell										
Q. rubra										
Tilia amer	1	3								
Tsuga can										
Thuja occ										
Ulmus amer			2							
U. fulva										
Corylus cov	X	X							X	
Blackberry	X			X	X	X	X	X	X	X
Rubus		X			X					
Distance			X							

over
Corylus cov
Blackberry
Rubus

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3599

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam								4		
Acer rubrum	X							X		
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif	1		1	2	4	4	2	2		
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa	14					7				(7)
P. Strobus			X			X	7	X	6	X
Populus bals										
P. grand										
P. trem	{ 10 6 4	{ 5 6 4	{ 5 4 (5)	{ 7 6 (6)	{ 5 2 (4)	{ 6 5 (7)	{ 4 5 (5)	{ 6 2 (5)	{ 7 5 (6)	{ 6 3 (6)
Prunus pen.										
Quercus ell										
Q. rubra				X						
Tilia amer									X	
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Blackberry	X	X	X	X	X	X	X	X	X	
over Devil's	X					X				
Corylus am		X					X			X
Distance						X				

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3599
Quadrat No. 1-5*Prunus vir 25*
Pop. trem 4
Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus 12345

Aster sagittifolius 4

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina

Circaea latifolia

Clintonia borealis

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis

Cornus rugosa

Corylus americana

Corylus cornuta 124

Cypripedium acaule

Diervilla lonicera 235

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa

Epifagus virginiana

Epigaea repens

*Carex nanow 1235**Solidago canadensis 14**Achillea 235**Monarda 4**Amelanchier 4**Aquilegia 4*

Fragaria virginiana 245

Galium lanceolatum 2

Galium triflorum

Gaultheria procumbens 35

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 4

Maianthemum canadense

Mitchella repens

Mitella diphylla

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia 12345

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens 3

*Lactuca can 5**Hamamelis 5**? Anemone (5600) 2*

Potentilla simplex

Prenanthes alba 5

Pteridium aquilinum 12345

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans 1

Ribes americanum

Rosa sp.

Rubus parviflorus

Rubus (blackberry) 1345

Rubus (dewberry) 2

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa 4

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

Thalictrum dioicum

Trientalis borealis

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium 3

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3599
Quadrat No. 6-10

Fraxinus vir 2
Pop. trem 3
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus 12345
 Aster sagittifolius 1
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis
 Cornus rugosa
 Corylus americana
 Corylus cornuta 4
 Cypripedium acaule
 Diervilla lonicera 45
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa
 Epifagus virginiana
 Epigaea repens

Fragaria virginiana 4
 Galium lanceolatum 1
 Galium triflorum
 Gaultheria procumbens 3
 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 3
 Lysimachia quadrifolia 234
 Maianthemum canadense
 Mitchella repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia 12345
 Osmorhiza claytoni
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens 12

Potentilla simplex
 Prenanthes alba 3
 Pteridium aquilinum 12345
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry) 12345
 Rubus (dewberry)
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata
 Solidago ulmifolia
 Streptopus roseus
 Taxus canadensis
 Thalictrum dioicum
 Trientalis borealis
 Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 Viola canadensis
 Viola cucullata
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

Taraxacum 4

Polygonum-like 5

Convolvulus

Spiranthes

Solidago 14
 Salix 1
 Cornus alt 1
 Carex narrow 134
 Aster latifolius 235
 Achillea 34

Solidago patula
 Achillea 34

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3599
Quadrat No. 11-15Top. tree 34
Pinus strobus 3

Fragaria virginiana 5

Potentilla simplex

Actaea rubra

Galium lanceolatum

Prenanthes alba

Adiantum pedatum

Galium triflorum

Pteridium aquilinum 12345

Allium tricoccum

Gaultheria procumbens 31

Pyrola elliptica

Anemone quinquefolia

Gaylussacia baccata

Pyrola rotundifolia

Aquilegia canadensis

Geranium maculatum

Pyrola secunda

Aralia nudicaulis

Geum canadense

Ranunculus recurvatus

Aralia racemosa

Gnaphalium obtusifolium

Rhus radicans

Arisaema atrorubens

Helianthemum sp.

Ribes americanum

Aster macrophyllus 1234

Helianthus strumosus

Rosa sp.

Aster sagittifolius 1

Hepatica acutiloba

Rubus parviflorus

Athyrium angustum

Hepatica americana

Rubus (blackberry) 12245

Botrychium virginianum 1

Impatiens biflora

Rubus (dewberry) 1

Brachyelytrum erectum

Linnaea borealis

Sambucus pubens

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

Lycopodium lucidulum

Smilax ecirrhata

Clintonia borealis

Lycopodium obscurum

Solidago ulmifolia

Coptis trifolia

Lysimachia quadrifolia 25

Streptopus roseus

Corallorrhiza maculata

Maianthemum canadense 3

Taxus canadensis

Cornus alternifolia

Mitchella repens

Thalictrum dioicum

Cornus canadensis

Mitella diphylla

Trientalis borealis

Cornus rugosa

Mitella nuda

Trillium grandiflorum

Corylus americana

Monotropa uniflora

Uvularia grandiflora

Corylus cornuta

Myrica asplenifolia

Uvularia sessilifolia

Cypripedium acaule

Onoclea sensibilis

Vaccinium angustifolium

Diervilla lonicera 1

Oryzopsis asperifolia 1345

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

Epigaea repens

Polygonatum pubescens

Waldsteinia fragarioides

Bromus purgans 1

Carex narrow 123

Polygonum elae 124

Hairy alt 1

Achillea 15

Solidago 3

quinnifolia

aster boreal 5
Solidago patula

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3599
Quadrat No. 16-20

Junus strobilus 25
Prunus 34
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia 2
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 125
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis
Cornus rugosa
Corylus americana
Corylus cornuta 23
Cypripedium acaule
Diervilla lonicera 125
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Fragaria virginiana 45
Galium lanceolatum
Galium triflorum
Gaultheria procumbens
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 15
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 245
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 25

Potentilla simplex
Prenanthes alba
Pteridium aquilinum 12345
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans 5
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry) 134
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens 4
Waldsteinia fragarioides

Carex nanow 345
Solidago 3
Aster 4
Solidago patula
Achillea 4
Polygonum like 4

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin

Stand No. 3599

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																							
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia	✓																	✓				1	
Antennaria sp.																							
Apocynum androsaemifolium	✓																						
Apocynum cannabinum																							
Aquilegia canadensis	✓				✓																	1	
Aralia hispida																							
Aralia nudicaulis																							
Aralia racemosa																							
Arctostaphylos uva-ursi																							
Arisaema atrorubens																							
Asarum canadense																							
Asclepias exaltata																							
Aster cordifolius																							
Aster lateriflorus	✓																						
Aster macrophyllus	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	16	
Aster prenanthoides																							
Aster sagittifolius	✓				✓	✓						✓										3	
Aster shortii																							
Aster umbellatus																							
Athyrium filix-femina																							
Athyrium thelypteroides																							
Boehmeria cylindrica																							
Botrychium lanceolatum																							
Botrychium matricariaefolium																							
Botrychium virginianum	✓											✓										1	
Brachyelytrum erectum																							
Bromus purgans	✓											✓										1	
Campanula americana																							
Campanula rotundifolia																							
Cardamine pensylvanica																							
Carex albursina																							
Carex pensylvanica																							
Carex plantaginea																							
Caulophyllum thalictroid																							
Ceanothus ovatus																							
Celastrus scandens																							
Chimaphilia umbellata																							
Cicuta maculata																							
Circaea alpina																							
Circaea quadrisulcata																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3599

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>																							
<i>Comandra richardsoniana</i>																							
<i>Comptonia peregrina</i>																							
<i>Convolvulus spithameus</i>	✓									✓	✓	✓		✓						✓		5	
<i>Coptis groenlandica</i>																							
<i>Corallorhiza maculata</i>																							
<i>Corallorhiza striata</i>																							
<i>Corallorhiza trifida</i>																							
<i>Coreopsis palmata</i>																							
<i>Cornus alternifolia</i>																							
<i>Cornus canadensis</i>																							
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis</i> sp.																							
<i>Corylus americana</i>																							
<i>Corylus cornuta</i>	✓	✓	✓	✓	✓					✓								✓	✓			6	
<i>Cryptotaenia canadensis</i>																							
<i>Cynoglossum boreale</i>																							
<i>Cypripedium acaule</i>																							
<i>Cypripedium parviflorum</i>																							
<i>Cypripedium pubescens</i>																							
<i>Cystopteris fragilis</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>	✓	✓	✓	✓	✓					✓	✓	✓					✓	✓			✓	9	
<i>Dirca palustris</i>																							
<i>Dryopteris boottii</i>																							
<i>Dryopteris cristata</i>																							
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>																							
<i>Dryopteris phegopteris</i>																							
<i>Dryopteris spinulosa</i>																							
<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>	✓	✓	✓	✓	✓					✓						✓				✓	✓	7	

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[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3599

[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>Prenanthes alba</i>	✓					✓			✓													2
<i>Prunella vulgaris</i>																						
<i>Pteretis pensylvanica</i>																						
<i>Pteridium aquilinum</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	20
<i>Pyrola asarifolia</i>																						
<i>Pyrola elliptica</i>																						
<i>Pyrola minor</i>																						
<i>Pyrola rotundifolia</i>																						
<i>Pyrola secunda</i>																						
<i>Pyrola virens</i>																						
<i>Ranunculus abortivus</i>																						
<i>Ranunculus recurvatus</i>																						
<i>Ranunculus septentrional</i>																						
<i>Rhus radicans</i>	✓	✓																			✓	2
<i>Rhus typhina</i>																						
<i>Ribes americanum</i>																						
<i>Ribes cynosbati</i>																						
<i>Ribes lacustre</i>																						
<i>Ribes triste</i>																						
<i>Rosa</i> sp.																						
<i>Rubus idaeus</i>																						
<i>Rubus parviflorus</i>																						
<i>Rubus hispidus</i>																						
<i>Rubus</i> - blackberry	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	17
<i>Rubus</i> - dewberry	✓	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	1
<i>Rubus</i> - raspberry	✓	✓	✓																			1
<i>Salix</i> sp.	✓					✓																1
<i>Sambucus canadensis</i>																						
<i>Sambucus pubens</i>																						
<i>Sanguinaria canadensis</i>																						
<i>Sanicula gregaria</i>																						
<i>Sanicula marilandica</i>	✓				✓																	1
<i>Schizachne purpurascens</i>																						
<i>Scutellaria lateriflora</i>																						
<i>Senecio aureus</i>																						
<i>Shepherdia canadensis</i>																						
<i>Smilacina racemosa</i>																						
<i>Smilacina stellata</i>																						
<i>Smilax ecirrhata</i>																						
<i>Smilax herbacea</i>																						
<i>Smilax hispida</i>																						
<i>Solidago canadensis</i>	✓	✓			✓		✓			✓									✓			5
<i>Solidago flexicaulis</i>																						
<i>Solidago ulmifolia</i>																						
<i>Spiraea alba</i>																						
<i>Stellaria longifolia</i>																						
<i>Streptopus amplexifolius</i>																						
<i>Streptopus roseus</i>																						
<i>Symphoricarpos albus</i>																						
<i>Taxus canadensis</i>																						
<i>Thalictrum dioicum</i>	✓																					

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[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3599

[illegible]

STAND NO. 3599

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3599

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3599

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

Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
✓ Picea glauca *seedling*
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 grypsosepala
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
Cypridium acaule
Cypridium 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
 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
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 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
 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

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Additional Species:

Columbine