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Site 3594: Washburn County, Township 37N, Range 12W, Section 34. 1953-07-18

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Yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3594

Name:

Locality:

County: Washburn

T: 37N R: 12W Sec: 34

Date: 7-18-53

Observers: Christensen

Size of Stand:

Size of Area Sampled:

Forest Type: aspen

Soil Type:

Topography: rolling, mostly sloping, aspland

Slope:

Directions

Condition of Stand:

A young aspen stand. Some aspen spots. No cutting. Some old burned large stumps (white pine?).

Deer have browsed the maples, salix moderately.

There is a black spruce - tamarack bog adjoining this yard. This is the only conifer cover in area. Abies and Pinus strobus are extremely browsed.

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.
Ao	_____	_____	_____	_____	_____	_____	_____	_____	_____
A1	_____	_____	_____	_____	_____	_____	_____	_____	_____
A2	_____	_____	_____	_____	_____	_____	_____	_____	_____
B	_____	_____	_____	_____	_____	_____	_____	_____	_____

DEPTH

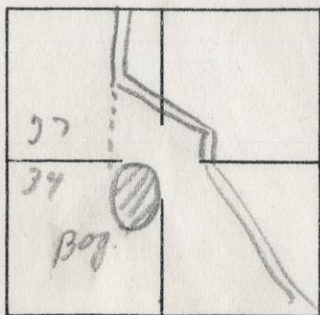
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

x = browse presence

Map:



Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

yard

Northern Pine-Hardwoods

Station Number: 3594

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															
Acer rubru							17	21.25	15						
A. sacchar							3	3.75							
A. spicatu															
Betula lut															
B. papyrif	1	1	1			13	5	6.25	5	5.0	3.85	1.25	0.49	5.59	27.95
Carpinus c							3	3.75							
Fagus gran															
Ostrya vir							2	2.50							
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid	1	1		1		113				5.0	3.85	1.25	4.29	9.39	46.95
P. tremulo	20	73	68	5		2318	37	44.25	30	100	76.92	91.25	88.02	256.24	896.84
Prunus pen															
Quercus el															
Trax am Q. rubra							1	1.25							
Tilia amer	1	1	1			33	2	2.50		5.0	3.85	1.25	1.25	6.35	53.97
Amelanchier Tsuga cana							4	5.00							
almus Thuja occi							1	1.25							
Ulmus amer	1	1	1			50	1	1.25		5.0	3.85	1.25	1.90	7.00	38.50
U. alba U. fulva	1	1	1			13				5.0	3.85	1.25	0.49	5.59	22.36
Salix							3	3.75	15						
Prunus vir							1	1.25	10						
Larix	1	2	2			92				5.0	3.85	2.50	3.50	9.85	9.85
	26	80	74	6		2632	80	100			100.00	100	99.99	300.01	1096.42

AVE. DIST. BTW'N TREES:

6.1

AVE B. A.:

32.9

TREES/ACRE:

1174

DOM./ACRE:

38625

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3594

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3594

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum		2	X		3	1		X	3	X
A. sacchar.			2							
A. spicatum										
Betula lut.										
B. papyrif	1		1							4
Carpinus car		2								
Fagus gran										
Ostrya virg						1				
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	4	5	5	4	4	4	5	5	7	8
	4	2	2	4	4	6	2	6	6	4
	5	6	9	10	4	5	5	5	12	4
	6		5	7	4	12	12	6	10	
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer					1					
Tsuga can										
Thuja occ										
Ulmus amer	1									
U. fulva										
Corylus			X	X		X	X	X		X
Sabir	X					X				
Blackberry	X		X	X	X	X	X		X	X
Prunus am	X							X		
Distance										

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3594
Quadrat No. 1-5

<i>✓ Salix</i>		
<i>✓ Acer rubrum 2</i>		
Actaea pachypoda	Fragaria virginiana 1234	Potentilla simplex
Actaea rubra	Galium lanceolatum	Prenanthes alba
Adiantum pedatum	Galium triflorum	Pteridium aquilinum 1234
Allium tricoccum	Gaultheria procumbens	Pyrola elliptica
Anemone quinquefolia	Gaylussacia baccata	Pyrola rotundifolia
Aquilegia canadensis	Geranium maculatum 1	Pyrola secunda
Aralia nudicaulis 12	Geum canadense	Ranunculus recurvatus
Aralia racemosa	Gnaphalium obtusifolium	Rhus radicans
Arisaema atrorubens	Helianthemum sp.	Ribes americanum
Aster macrophyllus 123	Helianthus strumosus	Rosa sp.
" <i>latifolius</i> 35	Hepatica acutiloba	Rubus parviflorus
Aster sagittifolius	Hepatica americana	Rubus (blackberry) 345
Athyrium angustum 14	Impatiens biflora 5	Rubus (dewberry)
Botrychium virginianum	Linnaea borealis	Sambucus pubens
Brachyelytrum erectum 13	Lonicera oblongifolia	Sanguinaria canadensis
Carex albursina	Lupinus perennis	Sanicula gregaria
Caulophyllum thalictroides	Lycopodium annotinum	Smilacina racemosa
Chimaphila umbellata	Lycopodium complanatum	Smilacina stellata
Circaea alpina	Lycopodium lucidulum	Smilax ecirrhata
Circaea latifolia	Lycopodium obscurum	Solidago ulmifolia
Clintonia borealis 1	Lysimachia quadrifolia	Streptopus roseus
Coptis trifolia	Maianthemum canadense 1	Taxus canadensis
Corallorrhiza maculata	Mitchella repens	Thalictrum dioicum
Cornus alternifolia	Mitella diphylla	Trientalis borealis 1
Cornus canadensis	Mitella nuda	Trillium grandiflorum
Cornus rugosa	Monotropa uniflora	Uvularia grandiflora
Corylus americana	Myrica asplenifolia	Uvularia sessilifolia
Corylus cornuta 2	Onoclea sensibilis	Vaccinium angustifolium
Cypripedium acaule	Oryzopsis asperifolia 124	Vaccinium pennsylvanicum
Diervilla lonicera 19	Osmorhiza claytoni	Viburnum acerifolium
Dirca palustris	Oxalis montana	Viola canadensis
Dryopteris linnaeana	Phryma leptostachya	Viola cucullata
Dryopteris phegopteris	Polygala pauciflora	Viola pallens
Dryopteris spinulosa	Polygonatum commutatum	Viola pubescens
Epifagus virginiana	Polygonatum pubescens	Waldsteinia fragarioides
Epigaea repens		
<i>✓ apocynum and. 2</i>		
<i>✓ Carex nanus 234</i>		
<i>✓ Polygonum-like 3</i>		
<i>✓ R. thymus 3</i>		
<i>✓ Calamagrostis 5</i>		
<i>✓ Aster pumilus 5</i>		
<i>✓ Cattha palustris 5</i>		
<i>✓ Chickweed (top) 5</i>		
<i>✓ Tear Thumb 5</i>		
<i>✓ Stellaria longifolia</i>		

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3594
Quadrat No. 6-10

✓ *Salix* 1
✓ *Pop. trem.* 14
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster latiflorus 234
Aster macrophyllus 12345
Aster umbellatus 1
Aster sagittifolius 2
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum 24
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 2
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

✓ *Vacc. rubrum* 3
✓ *Prunus vir.* 5
Fragaria virginiana 1235
Galium lanceolatum
Galium triflorum
Gaultheria procumbens 1
Gaylussacia baccata
Geranium maculatum 234
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana 5
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 1235
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 245

✓ *Bet. pap.* 5
Potentilla simplex
Prenanthes alba 3
Pteridium aquilinum 1235
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans 3
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry) 13
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum 2
Trientalis borealis /
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

✓ *Calamagrostis can.* 12
✓ *Carex nanou* 1345

✓ *Traxacum* 2
✓ *Amphiscarpa bract.* 2345

✓ *Polyg. - like* 3
✓ *Apocynum androsa* 35
✓ *Lathyrus* 3

✓ *Var. can* 4

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3594
Quadrat No. 11-15

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia 3

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus 1235

Aster sagittifolius 2

Athyrum angustum 3

Botrychium virginianum

Brachyelytrum erectum 34

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 12

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa

Epifagus virginiana

Epigaea repens

Fragaria virginiana 1245

Galium lanceolatum

Galium triflorum

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum 345

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana 3

Impatiens biflora

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis 4

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense

Mitchella repens

Mitella diphylla 4

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia 245

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens 45

Potentilla simplex

Prenanthes alba 4

Pteridium aquilinum 12345

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum

Rosa sp.

Rubus parviflorus

Rubus (blackberry) 3

Rubus (dewberry) 4

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

Thalictrum dioicum 3

Trientalis borealis

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

✓ Amphispiza 134

✓ Taraxacum 13

Carex marianii 12345

✓ Lathyrus 12

✓ Delia 1

2 Gnaphalium 1

✓ Gnaphalium margaritacea

✓ Apocynum 12

✓ Calamagrostis 2

HERB. FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3594
Quadrat No. 16-20

✓ Pop. trem. 3
 ✓ Acer rubrum 3
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 4
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus 1235
 Aster sagittifolius
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum 2345
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis 1
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 5
 Cornus rugosa
 Corylus americana
 Corylus cornuta 235
 Cyripedium acaule
 Diervilla lonicera 235
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa 25
 Epifagus virginiana
 Epigaea repens
 ✓ Amphisp. 1
 ✓ Lathyrus 1
 ✓ Lactuca 1
 Carex narrow 2345
 Vac. can 3

✓ Prunus 3
 Fragaria virginiana 1345
 Galium lanceolatum
 Galium triflorum
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum 3
 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
 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 35

Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum 1245
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda 5
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 " cynos. 4
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry) 15
 Rubus (dewberry)
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata
 Solidago ulmifolia
 Streptopus roseus
 Taxus canadensis
 Thalictrum dioicum 2
 Trientalis borealis
 Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 Viola canadensis
 Viola cucullata
 " incognita 5
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

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	✓										✓	✓	✓	✓								4
Anemone canadensis																						
Anemone cylindrica																						
Anemone quinquefolia	✓												✓									1
Antennaria sp.																						
Apocynum androsaemifoliu	✓		✓					✓		✓	✓	✓										5
Apocynum cannabinum																						
Aquilegia canadensis																						
Aralia hispida																						
Aralia nudicaulis	✓	✓	✓																✓			3
Aralia racemosa																						
Arctostaphylos uva-ursi																						
Arisaema atrorubens																						
Asarum canadense																						
Asclepias exaltata																						
Aster cordifolius																						
Aster lateriflorus	✓			✓		✓		✓	✓	✓		✓	✓		✓	✓						9
Aster macrophyllus	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		16
Aster prenanthoides																						
Aster sagittifolius	✓							✓					✓									2
Aster shortii																						
Aster umbellatus	✓						✓						✓									2
Athyrium filix-femina	✓	✓			✓									✓								3
Athyrium thelypteroides																						
Boehmeria cylindrica																						
Botrychium lanceolatum																						
Botrychium matricariaefol																						
Botrychium virginianum																						
Brachyelytrum erectum	✓	✓		✓				✓		✓				✓	✓			✓	✓	✓	✓	10
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																						
Circaea quadrisulcata																						

[illegible]

Stand No. 3594

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Fragaria vesca																							
Galium aparine																							
Galium boreale																							
Galium circaezans																							
Galium concinnum																							
Galium lanceolatum																							
Galium triflorum																							
Gaultheria hispidula																							
Gaylussacia baccata																							
Geranium maculatum	✓	✓						✓	✓	✓				✓	✓	✓			✓				8
Gerardia pedicularia																							
Geum canadense																							
Geum rivale																							
Gnaphalium obtusifolium																							
Goodyera oblongifolia																							
Goodyera pubescens																							
Goodyera repens																							
Habenaria bracteata																							
Habenaria orbiculata																							
Hackelia virginiana																							
Halenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus																							
Hepatica acutiloba																							
Hepatica americana	✓										✓			✓									2
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum																							
Hystrix patula																							
Ilex verticillata	✓					✓																	
Impatiens biflora	✓					✓																	1
Impatiens pallida																							
Isopyrum biternatum																							
Krigia biflora																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus	✓			✓					✓			✓	✓			✓							5
Lathyrus venosus																							
Ledum groenlandicum																							
Lilium michiganense																							
Linnaea borealis																							
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis	✓														✓								1
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3594

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3594

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>	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	17	
<i>Pyrola asarifolia</i>																							
<i>Pyrola elliptica</i>																							
<i>Pyrola minor</i>																							
<i>Pyrola rotundifolia</i>																							
<i>Pyrola secunda</i>	✓																				✓	1	
<i>Pyrola virens</i>																							
<i>Ranunculus abortivus</i>																							
<i>Ranunculus recurvatus</i>																							
<i>Ranunculus septentrional</i>																							
<i>Rhus radicans</i>	✓								✓													1	
<i>Rhus typhina</i>																							
<i>Ribes americanum</i>																							
<i>Ribes cynosbati</i>	✓																		✓			1	
<i>Ribes lacustre</i>	✓																						
<i>Ribes triste</i>																							
<i>Rosa sp.</i>																							
<i>Rubus idaeus</i>																							
<i>Rubus parviflorus</i>																							
<i>Rubus hispidus</i>																							
<i>Rubus - blackberry</i>	✓			✓	✓	✓	✓		✓					✓			✓			✓		8	
<i>Rubus - dewberry</i>	✓														✓							1	
<i>Rubus - raspberry</i>																							
<i>Salix sp.</i>	✓	✓					✓					✓										3	
<i>Sambucus canadensis</i>																							
<i>Sambucus pubens</i>																							
<i>Sanguinaria canadensis</i>																							
<i>Sanicula gregaria</i>																							
<i>Sanicula marilandica</i>																							
<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>																							
<i>Solidago flexicaulis</i>																							
<i>Solidago ulmifolia</i>																							
<i>Spiraea alba</i>	✓																						
<i>Stellaria longifolia</i>	✓					✓																1	
<i>Streptopus amplexifolius</i>																							
<i>Streptopus roseus</i>																							
<i>Symphoricarpos albus</i>																							
<i>Taxus canadensis</i>																							
<i>Thalictrum dioicum</i>	✓							✓						✓				✓				3	

Stand No. 3594

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3594

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3594

Station No.	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Herbs																							
Eriophorum spp.																							
Eupatorium maculatum	✓																						
Eupatorium perfoliatum																							
Galium trifida																							
Gaultheria procumbens																							
Geum aleppicum																							
Geum laciniatum																							
Glyceria canadensis																							
Glyceria striata	✓																						
Habenaria clavellata																							
Helianthus tuberosa																							
Heracleum maximum																							
Humulus lupulus																							
Hypericum virginicum																							
Iris virginica																							
Lychnis alba																							
Lysimachia terrestris																							
Lysimachia thyrsifolia																							
Mentha arvensis																							
Muhlenbergia mexicana																							
Oenothera biensis																							
Pedicularis canadensis																							
Phleum pratense																							
Poa palustris																							
Poa pratensis																							
Polygonum arifolium																							
Polygonum cilinode																							
Polygonum sagittatum	✓					✓																✓	
Potentilla norvegica																							
Potentilla palustris																							
Ranunculus acris																							
Ranunculus flabellaris																							
Ranunculus repens																							
Ranunculus sclereratus																							
Rhamnus olnifolia																							
Rhus vernix																							

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3594

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO.

3594

~~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~~
 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 phyto-laccoides
 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
 Cyripedium acaule
 Cyripedium 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
 Lycopodium americanus
 Lycopodium uniflora
 Lysimachia quadrifolia
 Maianthemum canadense

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Melampyrum lineare	Pyrola elliptica	Smilax herbacea
Mitchella repens	Pyrola rotundifolia	Smilax hispida
Mitella diphylla	Pyrola secunda	Solidago latifolia
Mitella nuda	Ranunculus abortivus	Solidago ulmifolia
Monarda fistulosa	Ranunculus recurvatus	Streptopus amplexifolius
Moneses uniflora	Ranunculus septentrionalis	Streptopus roseus
Monotropa uniflora	Rhus radicans	Taxus canadensis
Myrica asplenifolia	Rhus typhina	Thalictrum dioicum
✓ Onoclea sensibilis	Ribes americanum	Tiarella cordifolia
Oryzopsis asperifolia	Ribes cynosbati	Trientalis borealis
Osmorhiza claytoni	Ribes lacustre	✓ Trillium cernuum
Osmunda cinnamomea	Ribes triste	Trillium grandiflorum
✓ Osmunda claytoniana	Rubus idaeus	✓ Uvularia grandiflora
Oxalis montana	Rubus parviflorus	Uvularia sessilifolia
Panax quinquefolia	Rubus hispidus	✓ Vaccinium angustifolium
Parietaria pennsylvanica	Rubus - blackberry	Vaccinium pennsylvanicum
Parthenocissus vitacea	✓ Rubus - dewberry	Viburnum acerifolium
Pedicularis lanceolata	Rubus - raspberry	Viburnum affine
Phytolacca leptostachya	Sambucus canadensis	Viburnum lentago
Podophyllum peltatum	Sambucus pubens	Viola canadensis
Polemonium reptans	Sanguinaria canadensis	Viola cucullata
Polygala pauciflora	Sanicula gregaria	✓ Viola incognita (stamp)
Polygonatum commutatum	Schizachne purpurascens	Viola pallens
Polygonatum pubescens	Scutellaria lateriflora	Viola pubescens
Potentilla simplex	Shepherdia canadensis	Vitis aestivalis
Prenanthes alba	✓ Smilacina racemosa	Vitis riparia
Pteris nodulosa	Smilacina stellata	Waldsteinia fragarioides
Pteridium aquilinum	Smilax ecirrhata	Zanthoxylum americanum

Additional Species:

Taraxacum
~~Eup. mac.~~ *Eupatorium maculatum*
Calamagrostis canadensis
Dryopteris cristata
~~Vac. can.~~
Spiraea alba
~~Aster puniceus~~
Glyceria striata
Cornus stolonifera