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Site 3569: Calumet County, Township 18N, Range 20E, Section 36. 1953-06-21

[s.l.]: [s.n.], 1953-06-21

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STAND RECORD

FORESTS

Stand No. 3569

Name:

County: Calumet

Date: 6-21-53

Size of Stand:

Forest Type: cedar-ash

Topography: Flat, Lowland.

Locality:

T: 18N R: 20E Sec: 36

Observers: Christensen

Size of Area Sampled: 20 acres

Soil Type:

Slope:

Directions

Condition of Stand:

Was cut a long time ago. There are scattered old, rotten stumps. No fire scars. Has not be disturbed since then apparently. A fine stand. Lowest places have more ash & elm. Cutting in one narrow strip. Deer were reported as having wintered in this general area. The cornus stolonifera shows some browsing. Tip-ups are scattered throughout

Open Grown Trees:

% Canopy:

Stumps:

1. Thuja 840" BA 4.
2. " 200 " 5.
3. (>150 rings) 6.

- 7.
- 8.
- 9.
- 10.
- 11.
- 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.)

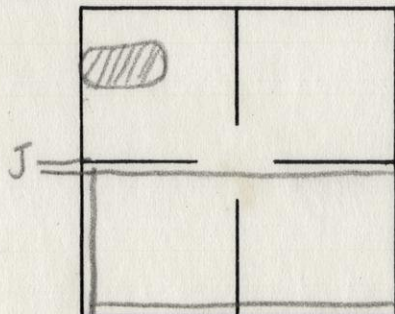
A ₀									
A ₁									
A ₂									
B									

Parent Material:

Thuja stump 140 BA. > 100 rings

Map:

X = browse presence



J

Northern Pine-Hardwoods

Station Number: 3569

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Lowland	
			-80	-320	321										C. I.	J.T.C.
Abies bals																
Acer rubru	4	5	4	1		345	6	3.95	10	10.0	4.55	3.13	3.33	11.01	77.07	66.06
A. sacchar																
A. spicatu									15							
Betula lut	16	21	18	3		1065	19	12.50		40.0	18.18	13.13	10.28	41.59	270.33	311.92
B. papyrif	3	5	3	2		367				7.5	3.41	3.13	3.54	10.08	45.36	50.40
Carpinus c							2	1.32								
Fagus gran																
Ostrya vir																
Picea glau																
Pinus Bank																
P. resinosa																
P. Strobus																
Populus ba																
P. grandid																
P. tremulo																
Prunus pen																
→ Cornus rug Quercus el							2	1.32								
→ Lonicera Q. rubra	2	2		2		200	1	0.66		5.0	2.27	1.25	1.93	5.45	5.45	5.45
→ Fragaria Tilia amer							2	1.32								
Tsuga cana																
Thuja occi	30	72	51	20	1	5813	54	35.53		75.0	34.09	45.00	56.13	135.22	270.44	540.88
Ulmus amer	11	17	15	2		871	22	14.47	5	27.5	12.50	10.63	8.41	31.54	157.70 15.77	173.47
U. fulva	1	1	1			80				2.5	1.14	0.63	0.77	2.54	17.78	17.78
Fragaria	20	36	33	3		1593	36	23.68	5	50.0	22.73	22.50	15.38	60.61	272.75	303.05
Frag. am	1	1	1			22	1	0.66		2.5	1.14	0.63	0.21	1.98	10.89	13.86
Alnus rug							7	4.61								
	88	160	128	31	1	10356	152	100.02			100.01	100.03	99.98	300.02	1127.77 985.84	1482.87

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

64.73

M

TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3269

TREE	W	W	DOM. CLASSES		TOT.	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
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POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3569

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										13
A. sacchar.										
A. spicatum										16
Betula lut.		1		50	2	65	40			12
B. papyrif										12
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					55				210	24
Thuja occ			23	55	90	30	35	40	50	
Ulmus amer	19	3	65	35	110	2	29	40	22	12
U. fulva	19	3	2	3	513	35	1	120		
Frax am	65	513	16			13		26		
Cornus stro	75	121				2	3			
Alex vert.		17								
Frax am		30								
Distance			22							

X
4

X₂

NORTHERN PINE-HARDWOODS

Stand No. 3569

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3569

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum							X	X		
A. sacchar.										
A. spicatum					X					
Betula lut.	3	19			1	X	2	1	35	
B. papyrif									25	
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						X				
Tsuga can					(45)	(110)	(130)	(45)		(200)
Thuja occ	20	50	X 40	330	X 123	95	75	45	220	X 24
Ulmus amer	14		3		3	100	3	65	3	45
U. fulva	40		(150)		X			65	1	12
			55	2						3
Frax nigra		55	12	(55)	55			95	14	X 16
Alnus my			20	(15)		X				
Larix	100	100								
Ribes orn			X					X		X
Distance										

over?

NORTHERN PINE-HARDWOODS

Stand No. 3569

[illegible]

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3569
Quadrat No. 6-10

Agrostis am 3
Acer rubra 4
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia 4
 Aquilegia canadensis
 Aralia nudicaulis 3 4
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus
Solidago ulmifolia 4 5
 Aster sagittifolius
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis 5
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis
 Cornus rugosa
 Corylus americana
 Corylus cornuta
 Cypripedium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana 3
 Dryopteris phegopteris
 Dryopteris spinulosa
 Epifagus virginiana
 Epigaea repens

Fragaria virginiana
 Galium lanceolatum
 Galium triflorum 2 3 4 5
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana 4
 Impatiens biflora 1 2 4 5
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense 3 4
 Mitchella repens
 Mitella diphylla 3
 Mitella nuda 1 3 4 5
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis 1
 Oryzopsis asperifolia
 Osmorhiza claytoni 5
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens

Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans 1 5
 Ribes americanum
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry)
 Rubus (dewberry) 1 3 4
 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

Sambucus racemosa 1 2
Bidens spp. 1 2
Caltha pal. 1 2 5
Carex *trisperma* 4 5

Lycopus am 1 2
Glyceria striata 1 2 5
S. Runk *cabbage* 1 4
Carex *narrow* 3 4
Aster *pumilus* 5

Calamagrostis can 2
Osmunda cinn { 23
Ciliata { 45
Lysimachia 2
Thistle 4 *Cuscuta*
muticum

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3569
Quadrat No. 11-15

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia 5

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina 3

Circaea latifolia

Clintonia borealis

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis 5

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana 4

Dryopteris phegopteris

Dryopteris spinulosa 35

Epifagus virginiana

Epigaea repens

Big sedge 1

Caltha palustris 12

Brodens spp. 1

Aster pumilus 2

Fragaria virginiana

Galium lanceolatum

Galium triflorum 34

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 103

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense 4

Mitchella repens

Mitella diphylla 4

Mitella nuda 2345

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens 5

Solanum nigrum 3

Lycopodium am 4

off. ellip. 5

Scut. lat. 5

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum 2

Rosa sp. 4

Rubus parviflorus

Rubus (blackberry)

Rubus (dewberry) 3

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 2

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Eupatorium 5

maculatum

Lysimachia thyrisiflora

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.

Quadrat No. 16-20

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis 1

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina 5

Circaea latifolia

Clintonia borealis

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa 5

Epifagus virginiana

Epigaea repens

Caltha palustris 13

Porthenocissus 1

Carex (collected) 1

Cornus stolon 4

Fragaria virginiana

Galium lanceolatum

Galium triflorum 5

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum 3

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 1235

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense 1345

Mitchella repens

Mitella diphylla 4

Mitella nuda 45

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis 1

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens 4

Nettle 2

Shrub cabbage 23

Scut. lat. 2

Slycena 2

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum

Rosa sp.

Rubus parviflorus

Rubus (blackberry)

Rubus (dewberry) 1

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

Thalictrum dioicum

Trientalis borealis 4

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Lysimachia 3

Aster pauciflorus 3

Osmunda cinn 4

Carex marian 5

Solidago uliginosa 2

TABULATION FORM

Univ. of Wisconsin

Stand No. 3567

[illegible]

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3569

Stand No. 3569

[illegible]

Stand No. 3569

[illegible]

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Lycopodium annotinum																							
Lycopodium clavatum																							
Lycopodium complanatum																							
Lycopodium lucidulum																							
Lycopodium obscurum																							
Lycopodium tristachyum																							
Lycopus americanus	✓		✓				✓	✓							✓							4	
Lycopus uniflorus																							
Lysimachia ciliata	✓							✓						✓					✓			2	
Lysimachia quadrifolia																							
Maianthemum canadense	✓	✓	✓	✓	✓				✓	✓					✓		✓		✓	✓	✓	11	
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense																							
Milium effusum																							
Mitchella repens	✓	✓		✓	✓																	3	
Mitella diphylla	✓								✓						✓				✓			3	
Mitella nuda	✓		✓	✓			✓		✓	✓	✓		✓	✓	✓	✓			✓	✓		12	
Monarda fistulosa																							
Moneses uniflora																							
Monotropa hypopithys																							
Monotropa uniflora																							
Nemopanthus mucronata																							
Onoclea sensibilis	✓						✓										✓					2	
Orchis spectabilis																							
Oryzopsis asperifolia																							
Oryzopsis racemosa																							
Osmorhiza claytoni	✓										✓											1	
Osmunda claytoniana																							
Osmunda cinnamomea	✓	✓			✓			✓	✓	✓	✓									✓		7	
Osmunda regalis																							
Oxalis montana																							
Panax quinquefolius																							
Panax trifolius																							
Panicum latifolium																							
Parietaria pensylvanica																							
Parthenocissus inserta	✓																						
Pedicularis lanceolata																							
Phlox divaricata																							
Phlox pilosa																							
Phyrma leptostachya																							
Pilea pumila																							
Podophyllum peltatum																							
Polemonium reptans																							
Polygala paucifolia																							
Polygonatum canaliculatu																							
Polygonatum pubescens	✓				✓											✓				✓		3	
Polypodium virginianum																							
Potentilla arguta																							
Potentilla simplex																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3569

[illegible]

Stand No. 3569

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3569

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3569

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3569

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3569

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 seedling
 Sorbus decora
 ✓ Thuja occidentalis
 ✓ Tilia americana seedling
 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
 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

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

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:

Cypripedium virginale

Skunk cabbage

Dryopteris cristata

Caltha palustris

Aster purpureus

Solanum dubium nigrum

Eupatorium perfoliatum

Calamagrostis canadensis

Lysimachia thyrsiflora

Carex trisperma

Slycaria striata

Carex intum

Lysimachia ciliata

Cornus stolonifera

Juniperus

Sambucus racemosa

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3569
Quadrat No. 1-5

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia 12

Aquilegia canadensis

Aralia nudicaulis 23

Aralia racemosa

Arisaema atrorubens 2

Aster macrophyllus 4

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina 2

Circaea latifolia

Clintonia borealis 14

Coptis trifolia 1

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis 4

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana 3

Dryopteris phegopteris

Dryopteris spinulosa 12

Epifagus virginiana

Epigaea repens

Cypripedium virginicum 1

Osunda cinn 14

Corex nanow 1 2 3 4

Lysimachia thysiflora 5

Fragaria virginiana

Galium lanceolatum

Galium triflorum 2

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba 1

Hepatica americana 14

Impatiens biflora 2

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense 1 2 3 4

Mitchella repens 134

Mitella diphylla

Mitella nuda 23

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens 4

Lycopus am 2

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans 3

Ribes americanum

Rosa sp.

Rubus parviflorus

Rubus (blackberry)

Rubus (dewberry) 123

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

Thalictrum dioicum

Trientalis borealis 24

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Slycena stans 5

Equisetum arvense 5