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Site 3572: Calumet County, Township 19N, Range 20E, Section 3. 1953-06-23

[s.l.]: [s.n.], 1953-06-23

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STAND RECORD

FORESTS

Stand No. 3572

Name:

County: Calumet

Date: 6-23-53

Size of Stand:

Forest Type: Populus trem

Topography: Flat, lowland.

Locality:

T: 19 N R: 20 E Sec: 3 W

Observers: Christensen

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

A stand with an open canopy and very thick shrub layer. Little cutting. A great deal of broken and tipped-up aspens.

Deer wintered here last winter. Deer tracks were numerous. Sambucus canadensis and Cornus stolonifera showed some browsing in places.

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

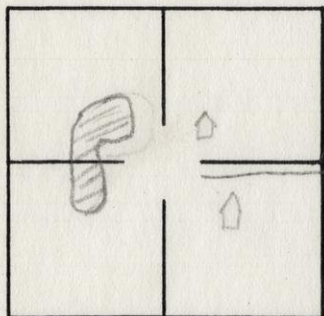
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

X = browse presence

Map:



Plant Ecology Research
TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3572

cut

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Lowland J.T.C.	
			-80	-320	321										C. I.	J.T.C.
Abies bals																
Acer rubru	4	5	4	1		621				10.0	5.33	3.13	6.11	14.57	101.99	87.42
A. sacchar																
A. spicatu																
Betula lut																
B. papyrif	2	2	2			88				5.0	2.67	1.25	0.87	4.79	21.56	23.95
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau																
Pinus Bank																
P. resinosa																
P. Strobus																
Populus ^{delt} ba	1	1	1			157				2.5	1.33	0.63	1.54	3.50	10.50	15.75
P. grandid																
P. tremulo	39	113	94	19		6391	30	22.22	10	97.5	52.00	70.63	62.85	185.48	649.18	645.68
Prunus pen	1	1	1			26				2.5	1.33	0.63	0.26	2.22	6.66	8.88
Quercus el																
Prunus pen Q. rubra							1	0.74								
Vib. lent. Tilia amer							5	3.70								
Comus stolon Tsuga cana							1	0.74								
Alnus rug Thuja occi							75	55.56								
Ulmus amer	14	21	15	6		1840	5	3.70	25	35.0	18.67	13.13	18.10	47.90	249.50	274.45
U. fulva U. fulva	1	1	1			38				2.5	1.33	0.63	0.37	2.33	2.33	2.33
Salix	6	7	4	3		568	2	1.48		15.0	8.00	4.38	5.59	17.97	53.91	53.91
Acer neg.	3	5	3	2		336	2	1.48		7.5	4.00	3.13	3.30	10.43	31.29	31.29
Frax nig	4	4	4			103	14	10.37		10.0	5.33	2.50	1.01	8.84	39.78	44.20
	75	160	129	31		10168	135	99.99			99.99	100.04	100	300.03	1166.70	1187.86

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

63.55

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3572

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>						88 7 10 4 7			88	
<i>Acer rubrum</i>										
<i>A. sacchar.</i>										
<i>A. spicatum</i>										
<i>Betula lut.</i>										
<i>B. papyrif</i>							7			
<i>Carpinus car</i>										
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>										
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobus</i>										
<i>Populus bals</i>										
<i>P. grand</i>				4			12			
<i>P. trem</i>	8 7 6	4	5 5 6	5 5 8	5 6	8 12 7	12 10	10 8	5 8 6	X 1
<i>Prunus pen.</i>			5 5	4 4						
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										
<i>Tsuga can</i>										
<i>Thuja occ</i>										
<i>Ulmus amer</i>				6 8			5	12		14
<i>U. fulva</i>										
<i>Alnus rug</i>		4	4	2		4				3
<i>Ribes am</i>										
<i>Cornus stolonifera</i>										
<i>Sam can</i>										
Distance										

30
1365

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3572

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum		(12) 6								
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif	8									
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	14	7		9 10	{ 10 10 14	{ 8 10 12	10 6	12 8	10	{ 6 10 4
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ			(4) 4							
Ulmus amer	{ 12 8	{ 8 8 8	{ 8 8 8	8 10			10	14		14
U. fulva			4 10							
Frag nipa	3	2	2		1	1	5	1		
Rasp.	X	X		X		X				
Cornus stolon		X	X	X	X	X	X	X	X	
Ribes lac.	X									
Distance										

49
2773

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3572

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lnt.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	{ 10 11 10 12	8 10	12 10	{ 8 10 10 4	{ 14 9 8	{ 4 3	{ 5 6 6 5	{ 4 6 3 5	{ 6 6 5 4	{ 6 6 6 4
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer			(10 10)							
U. fulva										
Cornus stolon		X	X	X	X	X	X	X	X	X
Sam. Can	X		X		X					
Alnus rug	X 3	X 2	2	2	X 1		X	1		X 3
Rasp	X				X					
Distance										

84
4404

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3572

STATION NO.	31	2	3	4	5	6	7	8	9	10	
Abies balsam											
Acer rubrum			{6 6 6 6								
A. sacchar.											
A. spicatum											
Betula lut.											
B. papyrif											
Carpinus car											
Fagus gran											
Ostrya virg											
Picea glau											
Pinus Bank											
P. resinosa											
P. Strobus											
Populus bals											
P. grand											
P. trem	{4 6 3	4	5 2 7	12 4	{10 8 10 10	{9 12 12 7	{8 9 7	12 14	8	{14 7 9 10	{8 10 12
Prunus pen.											
Quercus ell											
Q. rubra											
Tilia amer											
Tsuga can											
Thuja occ											
Ulmus amer								14		7	
U. fulva											
Lam can	x										
Alnus	x			x 4	x 4	x 4	x 4	x 4	x 4	x 4	
Cornus slo	x	x		x	x			x	x		
Ribes am	x				x	x	x	x	x	x	
Distance											

113
6391

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3572
Quadrat No. 1-5

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster *latiflorus* 5
Aster macrophyllus

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

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa 2

Epifagus virginiana

Epigaea repens

7. *Poa palustris* 15*Scutellaria latiflora* 1234*Solanum elaeagnifolium* 15*Aster purpureus* 245*Bidens* 25

Fragaria virginiana

Galium lanceolatum

Galium triflorum 4

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 1245

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense

Mitchella repens

Mitella diphylla 5

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Scutellaria epiphylla 5

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum

Rosa sp. *lacustre* 2

Rubus parviflorus

Rubus (blackberry)

Rubus (dewberry) 14

Sambucus pubens 3

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 *incognita* 25

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Parthenocissus vit. 2*Lactuca can.* 2*Urtica dioica* *Helle* 2345*Rumex crispus* 4*Wild cucumber* 4

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3578
Quadrat No. 6-10

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrum 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

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa

Epifagus virginiana

Epigaea repens

Nettle 12

Scutellaria latifolia 1245

Slyrenna atrorubens 1

Aster umbellatus 13

Aster punceus 3

Scutellaria epilobiflora 345

Fragaria virginiana

Galium lanceolatum

Galium triflorum 5

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 1245

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense

Mitchella repens

Mitella diphylla 3

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Lycopus americana 13

Cornus stolonifera 2

Epilobium gland 4

Amphicarpa 3

Parthenocissus 5

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)

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

Wild cucumber 25

? Poa polystrata 34

Carex 35

Cirsium arvense 4

Cirsium discolor 4

Cirsium maculatum 4

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3572
Quadrat No. 11-15

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

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

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

Epifagus virginiana

Epigaea repens

Osmunda cinn.

Lactuca can.

Carex W-leaf 2

Parthenocissus 23

Aster umbellatus 35

Aster purpureus 4

Fragaria virginiana 2

Galium lanceolatum

Galium triflorum 1235

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense 13

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 12345

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense 14

Mitchella repens

Mitella diphylla

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis 4

Oryzopsis asperifolia

Osmorhiza claytoni 2

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Lycopodium am. 1234

Epilobium gland.

Sedum sp. 2

Scutellaria lat. 23

Nettle 4

Sant. epilob. 5

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum 12

Rosa sp.

Rubus parviflorus

Rubus (blackberry)

Rubus (dewberry) 135

Sambucus pubens 14

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

Poa palustris

Amphicarpia 234

Slycena. skuta 235

Vitis sp. 3

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3572
Quadrat No. 16-20

Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus 124
 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
 Cypripedium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa
 Epifagus virginiana
 Epigaea repens

Fragaria virginiana
 Galium lanceolatum
 Galium triflorum 135
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense 1
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana
 Impatiens biflora 12345
 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
 Osmorhiza claytoni
 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
 Ribes americanum 14
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry)
 Rubus (dewberry)
 Sambucus pubens 35
 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

Scut. lat. 1345
 Bradens 13
 Aspl. pumilus 24
 Glycyrrhiza 34
 Nettle 35

Lycopodium 123
 Ranunculus 14
 Anemone 24
 Solanum 3
 Lactuca can 3

Cirsium 1
 Rumex 2
 Carex W. 24
 Poa 2
 polystichum

TABULATION FORM

Stand No. 3572

[illegible]

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3572

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

Stand No. 3572

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3572

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																							
Lycopus uniflorus																							
Lysimachia ciliata																							
Lysimachia quadrifolia																							
Maianthemum canadense	✓											✓			✓								2
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense	✓																						
Milium effusum																							
Mitchella repens																							
Mitella diphylla	✓					✓			✓														2
Mitella nuda																							
Monarda fistulosa																							
Moneses uniflora																							
Monotropa hypopithys																							
Monotropa uniflora																							
Nemopanthus mucronata																							
Onoclea sensibilis	✓															✓							1
Orchis spectabilis																							
Oryzopsis asperifolia																							
Oryzopsis racemosa																							
Osmorhiza claytoni	✓												✓										1
Osmunda claytoniana																							
Osmunda cinnamomea	✓											✓											1
Osmunda regalis																							
Oxalis montana																							
Panax quinquefolius																							
Panax trifolius																							
Panicum latifolium																							
Parietaria pensylvanica																							
Parthenocissus inserta	✓		✓								✓		✓	✓			✓			✓			6
Pedicularis lanceolata																							
Phlox divaricata																							
Phlox pilosa																							
Phyrma leptostachya																							
Pilea pumila																							
Podophyllum peltatum																							
Polemonium reptans																							
Polygala paucifolia																							
Polygonatum canaliculatu																							
Polygonatum pubescens																							
Polypodium virginianum																							
Potentilla arguta																							
Potentilla simplex																							

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

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3522

[illegible]

STAND NO. 3572

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3572

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3572

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

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

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

Salix
Acer negundo

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 phytoecoides
 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	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
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:

Cornus stolonifera
Aster puniceus
 ? *Poa palustris*
Wild cucumber
Solanum dulcamara *inquin*
Epilobium angustifolium
Glycyrrhiza Canadensis *strata*
Eupatorium maculatum
Ilex verticillata
Spiraea alba
Eupatorium maculatum
 " *perfoliatum*
Dryopteris crenata
Onis *vir*