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Site 6075 (Boreal Stand 75): La Pointe, Ashland County, Township 50N, Range 3W, Section 29. 1956-06-27

[s.l.]: [s.n.], 1956-06-27

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STAND RECORD

FORESTS

Stand No. 75

Name: *La Pointe*County: *Ashland*Date: *June 27, 1956*Size of Stand: *65 acres*Forest Type: *W. pine, R. pine - Spruce*Topography: *fairly level*Locality: *Town of La Pointe, Madeline Is - Apostle*T: *50N*R: *3W*Sec: *29 NE 1/4*Observers: *PPM*

Size of Area Sampled:

Soil Type:

Slope: *—*Directions: *—*Condition of Stand: *Virgin with few odd trees removed.**Belonged to a Mr. Woods from Nebraska, - gifted to La Pointe as a Park
Stand 100 - 125 yrs old - Ws + Wp forest.**Mexic Site. Wet in places - avoided - High water table - on clay*

Open Crown 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									

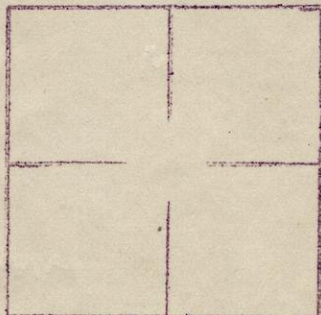
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	<i>1/2" pine needles</i>	<i>1" needles</i>	<i>1/2" needles</i>
A ₁	<i>almost lacking</i>	<i>1" blackish red</i>	<i>1" blackish red</i>
A ₂	<i>2" leached red clay</i>	<i>1" leached slightly</i>	<i>1" leached</i>
B	<i>red clay</i>	<i>red clay</i>	<i>red clay</i>

Parent Material:

Map:



TREE DATA SUMMARY SHEET

spruce-fir, spruce-fir mixed hardwoods.
~~Northern Pine-Hardwoods~~

Station Number: 75

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.
			-80	-320	321										
Abies bals	17	20				773	111	69.4		42.5	14.7	12.5	4.3	31.5	
Acer rubru	3	3				59	19	11.9		7.5	2.6	1.9	0.3	4.8	
A. sacchar															
A. spicatu							1	0.6							
Betula lut															
B. papyrif	1	1				70	1	0.6		2.5	0.9	0.6	0.4	1.9	
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	15	19				1855				37.5	12.8	11.9	10.3	35.0	
Pinus Bank	2	3				456				5.0	1.7	1.9	2.5	6.1	
P. resinosa	6	6				1520				15.0	5.2	3.7	8.4	17.3	
P. Strobus	29	52				9196				72.5	25.0	32.4	51.0	108.4	
Populus ba															
P. grandid															
P. tremulo	22	30				2388				55.0	19.0	18.8	13.3	51.1	
Prunus pen															
Quercus el															
Q. rubra	2	2				66	1	0.6		5.0	1.7	1.3	0.4	3.4	
Tilia amer															
Tsuga cana															
Thuja occi	19	24				1634	27	16.9		47.5	16.4	15.0	9.1	40.5	
Ulmus amer															
U. fulva															
TOTALS	116	160				18,017	160	100.0		290.0	100.0	100.0	100.0	300.0	

AVE. DIST. BTW'N TREES:

10.5

AVE B. A.:

112.6

TREES/ACRE:

395

DOM./ACRE:

44,477

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 75 (1)

STATION NO.	1	2	3	4	5	6	7	8	9	10				
Abies balsam			9	16			11	100	9	30	1	18	10	22
Acer rubrum									3	24	3			25
A. sacchar.														
A. spicatum														
Betula lut.														
B. papyrif														
Carpinus car														
Fagus gran														
Ostrya virg														
Picea glau				8 1/2	30	16	122			15	30			
Pinus Bank	21	161				14	118			8	45			
P. resinosa	10 1/2	155		8	265									
P. Strobus	4 1/2	65	9	140	2	291	12	330	11	335	8	110		
Populus bals	17	335			8 1/2	255		10 1/2	110	113	222			
P. grand	15	104								21	250			
P. trem		13 1/2	81	8	75	19	89					9	38	
Prunus pen.			6	115								4	55	
Quercus ell														
Q. rubra														
Tilia amer														
Tsuga can														
Thuja occ	12	55		11	90	7	40	8	55	6	90			
Ulmus amer	12 1/2	55			12 1/2	35								
U. fulva														
Canopy	48	50	40	45	60	55	45	40	55	60				
Little	1/2	1/4	1/2	1/2	1/4	1/4	1 1/2	1/2	1"	1/2				
Distance	56	49 1/2	32	46 1/2	30	50	38 1/2	51	27	26				

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 75 (2)

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 75(3)

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 75 (H)

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	5 1/2 30							6 75		3 41
Acer rubrum									6 25	
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif		8 70								
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau			11 110		7 38		9 160 14 189			12 76
Pinus Bank										
P. resinosa	6 150					17 310				
P. Strobus		15 230 9 45	17 210	9 62 4 100 10 82	15 155	17 535		12 207 13 158	8 1/2 210 16 155	8 125
Populus bals										
P. grand										
P. trem	12 80 3 26	12 95	3 100	11 112	4 174	7 90	7 1/2 115		9 67	
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ			11 95		35 155	14 58	9 52 9 90			16 55
Ulmus amer										
U. fulva										
Canopy	60	40	30	35	30	45	75	40	45	40
Litter	1"	1/2	1/4	1/4	1/8	1/8	1/2	1/2	1/4	1/4
Distance										

Av. canopy - 43%

Av. litter = 0.6"

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 75(4) sapling

[illegible]

University of Wisconsin
STAND NO. 75

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Carex disperma																							
Carex eburnea																							
Carex intumescens	✓																						1
Carex leptalea																							
Carex pedunculata	✓																		✓			1	5
Carex pensylvanica																							
Carex projecta																							
Carex woodii																							
Carex spp.	✓																						1
Caulophyllum thalictroides																							
Celastrus scandens																							
Chamaedaphne calyculata																							
Chimaphila umbellata																							
Chrysanthemum leucanthemum																							
Chrysosplenium americanum																							
Cicuta maculata																							
Cinna latifolia																							
Circaea alpina																							
Cirsium altissimum																							
Cirsium arvense																							
Cirsium vulgare																							
Claytonia caroliniana																							
Claytonia virginica																							
Clematis virginiana																							
Clematis verticillaris																							
Clintonia borealis	✓			✓															✓			2	10
Comandra richardsiana																							
Comandra umbellata																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandicum	✓																						1
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Cornus alternifolia																							
Cornus canadensis	✓		✓				✓		✓		✓	✓	✓			✓	✓		✓			9	4

[illegible]

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Luzula multiflora																							
Lycopodium annotinum																							
Lycopodium clavatum																							
Lycopodium complanatum																							
Lycopodium inundatum																							
Lycopodium lucidulum																							
Lycopodium obscurum																							
Lycopodium sabinaefolium																							
Lycopodium selago																							
Lycopodium tristachyum																							
Lycopus americanus																							
Lycopus uniflorus																							
Lysimachia ciliata	✓																						1
Lysimachia quadrifolia																							
Lysimachia terrestris																							
Maianthemum canadense	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	19 95
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare	✓																						1
Menispermum canadense																							
Mertensia paniculata																							
Milium effusum																							
Mitchella repens	✓													✓									1 5
Mitella diphylla																							
Mitella nuda	✓																				✓		1 5
Moneses uniflora	✓																				✓		1 5
Monotropa hypopithys																							
Montropa uniflora																							
Mosses spp.	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓			16 80
Nemopanthus mucronata																							
Onoclea sensibilis																							
Orchis spectabilis																							
Oryzopsis asperifolia	✓																			✓			1 5
Oryzopsis racemosa																							
Osmorhiza claytoni	✓		✓							✓		✓					✓		✓		✓		6 30
Osmorhiza longistylis																							
Osmunda claytoniana																							
Osmunda cinnamomea																							
Osmunda regalis																							
Oxalis montana																							
Oxalis stricta																							
Panax quinquefolius																							
Panax trifolius	✓																						1
Parthenocissus inserta																							
Parthenocissus quinquefolia																							
Petasites palmatus	✓												✓				✓						2 10
Phleum pratense																							
Phlox divaricata																							
Phryma leptostachya																							
Plantago major																							
Poa compressa																							
Poa pratensis	✓	✓																					1 5

[illegible]

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Trifolium pratense</i>	✓																						1
<i>Trifolium repens</i>																							
<i>Trillium cernuum</i>	✓																✓					1	5
<i>Trillium erectum</i>																							
<i>Trillium grandiflorum</i>																							
<i>Trillium undulatum</i>																							
<i>Uvularia grandiflora</i>																							
<i>Uvularia sessilifolia</i>																							
<i>Vaccinium angustifolium</i>	✓	✓																				1	5
<i>Vaccinium cespitosum</i>																							
<i>Vaccinium corymbosum</i>																							
<i>Vaccinium myrtilloides</i>	✓																						1
<i>Vaccinium ovalifolium</i>																							
<i>Vaccinium uliginosum</i>																							
<i>Vaccinium vitis-idaea</i>																							
<i>Veronica officinalis</i>																							
<i>Veronica scutellata</i>																							1
<i>Veronica serpyllifolia</i>	✓																						
<i>Viburnum acerifolium</i>																							
<i>Viburnum alnifolium</i>																							
<i>Viburnum cassinoides</i>																							
<i>Viburnum edule</i>																							
<i>Viburnum lentago</i>																							
<i>Viburnum rafinesquianum</i>	✓																						1
<i>Viburnum trilobum</i>																							
<i>Vicia americana</i>																							
<i>Viola adunca</i>																							
<i>Viola blanda</i>																							
<i>Viola canadensis</i>																							
<i>Viola conspersa</i>	✓									✓												1	5
<i>Viola cucullata</i>	✓			✓			✓	✓				✓	✓				✓		✓	✓		8	40
<i>Viola incognita</i>	✓			✓	✓						✓	✓	✓				✓		✓	✓		8	40
<i>Viola nephrophylla</i>																							
<i>Viola pallens</i>																							
<i>Viola papilionacea</i>																							
<i>Viola pubescens</i>																							
<i>Viola renifolia</i>	✓												✓							✓	2	10	
<i>Viola selkirkii</i>																							
<i>Viola sororia</i>																							
<i>Vitis riparia</i>																							
<i>Waldsteinia fragarioides</i>																							
<i>Woodsia ilvensis</i>																							
<i>Xanthoxylum americanum</i>																							
Tree Seedlings																							
<i>Abies balsamea</i>	✓		✓	✓		✓		✓		✓			✓	✓								7	35
<i>Acer pensylvanicum</i>																							
<i>Acer rubrum</i>	✓	✓				✓	✓	✓	✓					✓			✓	✓				8	40
<i>Acer saccharum</i>																							
<i>Acer spicatum</i>	✓																✓					1	5

[illegible]

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 75

TREES

- ✓ *Abies balsamea*
- Acer pensylvanicum*
- ✓ *Acer rubrum*
- Acer saccharum*
- ✓ *Acer spicatum*
- ✓ *Amelanchier* spp.
- Betula lutea*
- ✓ *Betula papyrifera*
- Carpinus caroliniana*
- ✓ *Crataegus* spp. *shrub*
- Fagus grandifolia*
- Fraxinus americana*

- Fraxinus nigra*
- Fraxinus pennsylvanicum*
- Larix laricina*
- Ostrya virginiana*
- ✓ *Picea glauca*
- Picea mariana*
- ✓ *Pinus banksiana*
- ✓ *Pinus resinosa*
- ✓ *Pinus strobus*
- Populus balsamifera*
- ✓ *Populus grandidentata*
- ✓ *Populus tremuloides*

- Prunus nigra*
- Prunus pensylvanica*
- Prunus serotina*
- ✓ *Prunus virginiana*
- ✓ *Pyrus americana* *seedling*
- Pyrus decora*
- ✓ *Quercus rubra* var. *borealis*
- ✓ *Thuja occidentalis*
- Tilia americana*
- Tsuga canadensis*
- Ulmus americana*
- Ulmus rubra*

SHRUBS

- Alnus crispa*
- Alnus rugosa*
- Arctostaphylos uva-ursi*
- Celastrus scandens*
- Chamaedaphne calyculata*
- Comptonia peregrina*
- Cornus alternifolia*
- Cornus racemosa*
- ✓ *Cornus rugosa*
- Cornus stolonifera*
- Corylus americana*
- ✓ *Corylus cornuta*
- ✓ *Diervilla lonicera*
- Dirca palustris*
- Empetrum nigrum*
- ✓ *Gaylussaccia baccata*
- Hamamelis virginiana*
- ✓ *Ilex verticillata*
- Juniperus communis*
- Juniperus horizontalis*
- Ledum groenlandicum*
- ✓ *Lonicera canadensis*
- Lonicera dioica*

- ✓ *Lonicera hirsutum*
- Lonicera involucrata*
- Lonicera oblongifolia*
- Lonicera villosa*
- Parthenocissus quinquefolia*
- Parthenocissus vitacea*
- Prunus pumila*
- Pyrus melanocarpa*
- Rhamnus alnifolia*
- Rhus glabra*
- Rhus typhina*
- Ribes americanum*
- ✓ *Ribes cynosbati*
- Ribes glandulosum*
- Ribes hirtellum*
- Ribes lacustre*
- Ribes oxycanthoides*
- Ribes triste*
- ✓ *Rosa* sp.
- Rubus allegheniensis*
- ✓ *Rubus* (blackberry)
- ✓ *Rubus* (dewberry)
- Rubus* (raspberry)

- ✓ *Rubus idaeus*
- ✓ *Rubus parviflorus*
- Salix* sp.
- Sambucus canadensis*
- Sambucus pubens*
- Shepherdia canadensis*
- Smilax tamnoides* var. *hispida*
- Spiraea alba*
- Spiraea latifolia*
- Symphoricarpos albus*
- ✓ *Symphoricarpos occidentalis*
- Taxus canadensis*
- ✓ *Vaccinium angustifolium*
- ✓ *Vaccinium myrtilloides*
- Vaccinium vitis-idaea*
- Viburnum acerifolium*
- Viburnum cassinoides*
- Viburnum edule*
- Viburnum lentago*
- ✓ *Viburnum rafinesquianum*
- Viburnum trilobum*
- Vitis vulpina*
- Zanthoxylum americanum*

HERBS

- ✓ *Achillea millefolium*
- Actaea pachypoda*
- ✓ *Actaea rubra*
- Adiantum pedatum*
- Agrimonia gryposepala*
- Agrostis perennans*
- Allium tricoccum*
- Amphicarpa bracteata*
- Anaphalis margaritacea*
- Anemone canadensis*
- Anemone cylindrica*
- ✓ *Anemone quinquefolia*
- Anemone virginiana*
- ✓ *Antennaria* sp.
- ✓ *Apocynum androsaemifolium*
- Aquilegia canadensis*
- ✓ *Aralia nudicaulis*
- Aralia racemosa*
- Arisaema atrorubens*
- Asarum canadense*
- Asclepias exaltata*
- Aster furcatus*
- ✓ *Aster macrophyllus*
- Aster nova-angliae*
- Aster paniculatus*

- Aster puniceus*
- Aster sagittifolius*
- Aster umbellatus*
- ✓ *Athyrium filix-femina*
- Athyrium thelypteroides*
- Botrychium lunaria*
- Botrychium matricariaefolium*
- Botrychium multifidum*
- Botrychium virginianum*
- Calypso bulbosa*
- Campanula rotundifolia*
- ✓ *Carex arctata*
- ✓ *Carex intumescens*
- Carex pensylvanica*
- Carex woodii*
- ✓ *Carex* spp.
- Chimaphila umbellata*
- Chrysanthemum leucanthemum*
- Chrysosplenium americanum*
- Cinna latifolia*
- Circaea alpina*
- Claytonia caroliniana*
- Claytonia virginiana*
- Clematis virginiana*
- Clematis verticillaris*

- ✓ *Clintonia borealis*
- Comandra richardsiana*
- Comandra umbellata*
- ✓ *Coptis groenlandicum*
- Corallorhiza maculata*
- Corallorhiza striata*
- Corallorhiza trifida*
- ✓ *Cornus canadensis*
- Corydalis sempervirens*
- Cynoglossum officinale*
- ✓ *Cypripedium acaule*
- Cypripedium calceolus* var. *pubescens*
- Cystopteris fragilis*
- Dalibarda repens*
- Desmodium glutinosum*
- Dicentra canadensis*
- Dicentra cucullaria*
- Dryopteris cristata*
- Dryopteris disjuncta*
- Dryopteris goldiana*
- Dryopteris marginalis*
- Dryopteris phegopteris*
- ✓ *Dryopteris spinulosa*

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

S-75

Epigaea repens
 Epilobium angustifolium
 ✓ Epilobium glandulosum
 Epilobium strictum
 Equisetum pratense
 ✓ Equisetum sylvaticum
 Erigeron annuus
 Erigeron philadelphicus
 Erigeron strigosus
 Erythronium albidum
 Erythronium americanum
 Fragaria vesca
 ✓ Fragaria virginiana
 Galium aparine
 Galium boreale
 Galium concinnum
 Galium lanceolatum
 ✓ Galium triflorum
 Gaultheria hispidula
 Gaultheria procumbens
 Gentiana andrewsii
 Gentiana crinata
 Gentiana quinquefolia
 Geocaulon lividum
 Geranium bicknelli
 Geranium maculatum
 Geum rivale
 Goodyera repens
 ✓ Goodyera tessellata
 Habenaria hyperborea
 Habenaria orbiculata
 Habenaria psycodes
 Habenaria viridis
 ✓ Halenia deflexa
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americanum
 ✓ Hieracium aurantiacum
 Hieracium canadense
 ✓ Hieracium scabrum
 Impatiens capensis
 Iris lacustris
 Isopyrum biternatum
 Lathyrus ochroleucus
 ✓ Linnaea borealis
 Lobelia inflata
 Lycopodium annotinum
 Lycopodium clavatum
 Lycopodium clavatum var. megastachyon
 Lycopodium complanatum
 Lycopodium inundatum

Lycopodium lucidulum
 Lycopodium obscurum
 Lycopodium obscurum var. dendroideum
 Lycopodium selago
 Lycopodium tristachyum
 ✓ Lysimachia ciliata
 Lysimachia quadrifolia
 Lysimachia terrestris
 ✓ Maianthemum canadense
 Malaxis unifolia
 Medeola virginiana
 ✓ Melampyrum lineare
 ✓ Mitella repens
 Mitella diphylla
 ✓ Mitella nuda
 ✓ Moneses uniflora
 Monotropa hypopithys
 Monotropa uniflorus
 Onoclea sensibilis
 Orchis spectabilis
 ✓ Osmorhiza claytoni
 Osmorhiza longistylis
 Osmunda cinnamomea
 Osmunda claytoniana
 Oxalis montana
 Oxalis stricta
 Panax quinquefolius
 ✓ Panax trifolius
 ✓ Petasites palmatus
 Phlox divaricata
 Poa compressa
 ✓ Poa pratensis
 Polygala paucifolia
 Polygonatum biflorum
 Polygonatum pubescens
 Polymnia canadensis
 Polypodium virginianum
 Potentilla norvegica
 Potentilla simplex
 Potentilla tridentata
 ✓ Prenanthes alba
 Primula mistassinaca
 ✓ Prunella vulgaris
 ✓ Pteridium aquilinum
 Pyrola asarifolia
 ✓ Pyrola elliptica
 Pyrola minor
 Pyrola rotundifolia
 ✓ Pyrola secunda
 Pyrola virens
 ✓ Ranunculus abortivus

✓ Ranunculus acris
 Ranunculus pensylvanicus
 Ranunculus recurvatus
 Ranunculus repens
 Ranunculus septentrionalis
 Rhus radicans
 ✓ Rubus pubescens
 Sanguinaria canadensis
 ✓ Sanicula marilandica
 ✓ Satureja vulgaris
 Schizachne purpurascens
 Scutellaria epilobiifolia
 Scutellaria lateriflora
 Smilacina racemosa
 Smilacina stellata
 Smilacina trifolia
 Smilax herbacea
 Solidago canadensis
 Solidago flexicaulis
 Solidago graminifolia
 Solidago ulmifolia
 Stellaria calycantha
 Streptopus amplexifolius
 ✓ Streptopus roseus
 ✓ Taraxacum officinale
 Thalictrum dioicum
 Thalictrum polygamum
 Tiarella cordifolia
 ✓ Trientalis borealis
 ✓ Trillium cernuum
 Trillium erectum
 Trillium grandiflorum
 Trillium undulatum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vicia americana
 Viola adunca
 Viola blanda
 Viola canadensis
 ✓ Viola conspersa
 ✓ Viola cucullata like it coll.
 ✓ Viola incognita
 Viola nephrophylla
 Viola pallens
 Viola papilionacea
 Viola pubescens
 ✓ Viola renifolia
 Viola selkirkii
 Viola sororia
 Waldsteinia fragarioides

Additional species

Iris versicolor - upland
 Luzula acuminata
 Geum canadense

Cerastium sp.
 Nidula pratense
 Solidago sp.

Tall slender - Lysimachia ciliata

Cynoglossum breake

Hypoxis arvensis?

Veronica serpyllifolia

Goodyera decipiens ✓

Oryzopsis asperifolia

Carex pedunculata

Lactuca canadensis

Carex brunnescens

Hypocnemis perforatum

Viola nova-angliae

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 75(1)

TREE SEEDLINGS

- 97532 *Abies balsamea*
 87657 *Acer pensylvanicum*
Acer rubrum
Acer saccharum
Acer spicatum
Betula lutea
Betula papyrifera

0654 *Amelanchier*

- Alnus rugosa*
Arctostaphylos uva-ursi
Comptonia peregrina
Corylus americana
 6 *Corylus cornuta*
Diervilla lonicera
Dirca palustris
Ilex verticillata
Ledum groenlandicum

07521 *Lonicera canadensis*6 *Lonicera periclymenum**Actaea pachypoda*43 *Actaea rubra*

- Adiantum pedatum*
Anaphalis margaritacea
Anemone cylindrica
Anemone quinquefolia
Anemone virginiana
Antennaria spp.

*Apocynum androsaemifolium**Aquilegia canadensis*94 *Aralia nudicaulis**Arisaema atrorubens*

- 9864321 *Aster macrophyllus*
Athyrium filix-femina
Botrychium virginianum
Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum

*Circaea alpina**Claytonia caroliniana**Claytonia virginiana*3 *Clintonia borealis**Coptis groenlandicum**Corallorhiza maculata*0867 *Cornus canadensis**Cystopteris fragilis**Dicentra canadensis**Dicentra cucullaria**Dryopteris disjuncta**Dryopteris phegopteris**Fagus grandifolia**Larix laricina**Ostrya virginiana**Picea glauca**Picea mariana**Pinus banksiana**Pinus resinosa*

SHRUBS

*Prunus pumila**Pyrus melanocarpa*3 *Ribes cynosbati**Ribes glandulosum**Ribes lacustre**Rosa* sp.*Rubus* (blackberry)*Rubus* (dewberry)*Rubus* (raspberry)*Rubus idaeus*

HERBS

*Dryopteris spinulosa**Epigaea repens**Epilobium angustifolium*5 *Equisetum sylvaticum**Erythronium americanum**Fragaria vesca*631 *Fragaria virginiana**Galium aparine*098754321 *Galium triflorum**Gaultheria hispidula**Gaultheria procumbens**Gentiana quinquefolia**Geranium maculatum**Goodyera repens**Habenaria obtusata*1 *Halenia deflexa**Hepatica acutiloba**Hepatica americana*1 *Hieracium aurantiacum*8321 *Linnaea borealis**Lycopodium annotinum**Lycopodium clavatum**Lycopodium complanatum**Lycopodium lucidulum**Lycopodium obscurum*0987654321 *Maianthemum canadense**Medeola virginiana**Melampyrum lineare**Mitchella repens**Mitella diphylla*7 *Quercus muhlenbergii**Pinus strobus*4 *Populus tremuloides**Prunus pensylvanica**Prunus serotina**Thuja occidentalis**Tilia americana**Tsuga canadensis*3 *Juniperus virginiana*0 *Rubus parviflorus**Sambucus pubens**Shepherdia canadensis**Spiraea alba**Symphoricarpos occidentalis**Taxus canadensis*1 *Vaccinium angustifolium**Vaccinium myrtilloides**Viburnum acerifolium**Viburnum trilobum**Mitella nuda**Monotropa uniflora*92 *Osmorhiza claytonii**Oxalis montana**Oxalis stricta**Polygala paucifolia**Polygonatum pubescens**Prenanthes alba*8521 *Pteridium aquilinum*6 *Pyrola elliptica**Pyrola rotundifolia**Pyrola secunda**Ranunculus acris**Rhus radicans*97531 *Rubus pubescens**Sanguinaria canadensis**Smilacina racemosa**Smilacina stellata**Streptopus roseus**Tiarella cordifolia*942 *Trientalis borealis**Trillium erectum**Trillium grandiflorum**Uvularia sessilifolia**Viola canadensis*762 *Viola cucullata* *deltoidea**Viola pallens**Viola pubescens**Viola renifolia**Waldsteinia fragarioides*043 *Viola megarhiza*9 *Viola confertifolia*

Additional species

Ranunculus acris 13*Taraxacum* 1*Carex acutata* 1237*Mosses* 12345789*Lichen* 589*Amelanchier* 1*Arctostaphylos* 1*Juniperus can.* 14*Poa prat.* 1*Impatiens* 46

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 75 (2)

TREE SEEDLINGS

- 32 Abies balsamea
Acer pensylvanicum
653 Acer rubrum
Acer saccharum
5 Acer spicatum
Betula lutea
97 Betula papyrifera
2 Amelanchier sp.

- Fagus grandifolia
Larix laricina
Ostrya virginiana
Picea glauca
Picea mariana
Pinus banksiana
Pinus resinosa

- Pinus strobus
4 Populus tremuloides
Prunus pensylvanica
Prunus serotina
Thuja occidentalis
Tilia americana
Tsuga canadensis
1 Pyrus americana

SHRUBS

- Alnus rugosa
Arctostaphylos uva-ursi
Comptonia peregrina
Corylus americana
81 Corylus cornuta
Diervilla lonicera
Dirca palustris
Ilex verticillata
Ledum groenlandicum
083 Lonicera canadensis
8 Lonicera hirsuta

- Prunus pumila
Pyrus melanocarpa
Ribes cynosbati
Ribes glandulosum
Ribes lacustre
Rosa sp.
Rubus (blackberry)
Rubus (dewberry)
Rubus (raspberry)
Rubus idaeus

- 47 Rubus parviflorus
Sambucus pubens
Shepherdia canadensis
Spiraea alba
3 Symphoricarpos occidentalis
Taxus canadensis
Vaccinium angustifolium
Vaccinium myrtilloides
Viburnum acerifolium
Viburnum trilobum

HERBS

- Actaea pachypoda
Actaea rubra
Adiantum pedatum
Anaphalis margaritacea
Anemone cylindrica
Anemone quinquefolia
Anemone virginiana
Antennaria spp.
Apocynum androsaemifolium
Aquilegia canadensis
65 Aralia nudicaulis
Arisaema atrorubens
8413 Aster macrophyllus
Athyrium filix-femina
Botrychium virginianum
Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum
Circaea alpina
Claytonia caroliniana
Claytonia virginiana
9 Clintonia borealis
Coptis groenlandicum
Corallorhiza maculata
86521 Cornus canadensis
Cystopteris fragilis
Dicentra canadensis
Dicentra cucullaria
Dryopteris disjuncta
Dryopteris phegopteris

- Dryopteris spinulosa
Epigaea repens
Epilobium angustifolium
9 Equisetum sylvaticum
Erythronium americanum
Fragaria vesca
6321 Fragaria virginiana
Galium aparine
09876321 Galium triflorum
Gaultheria hispida
Gaultheria procumbens
Gentiana quinquefolia
Geranium maculatum
Goodyera repens
Habenaria obtusata
Halenia deflexa
Hepatica acutiloba
Hepatica americana
Hieracium aurantiacum
843 Linnaea borealis
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
098765432 Maianthemum canadense
Medeola virginiana
Melampyrum lineare
3 Mitchella repens
Mitella diphylla

- 0 Mitella nuda
Monotropa uniflora
0861 Osmorhiza claytoni
Oxalis montana
Oxalis stricta
Polygala paucifolia
Polygonatum pubescens
Prenanthes alba
8542 Pteridium aquilinum
1 Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus acris
Rhus radicans
91 Rubus pubescens
Sanguinaria canadensis
Smilacina racemosa
Smilacina stellata
8721 Streptopus roseus
Tiarella cordifolia
91 Trientalis borealis
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
09632 Viola cucullata bluish
Viola pallens
Viola pubescens
02 Viola renifolia
Waldsteinia fragarioides
09621 Viola magnifica
6 Trillium americanum

Additional species

Mosses 12345679
Lichens 46
Primella 1289
Ranunculus acris 12
Carex angustata 12670

Potamogeton 26
Iris sp 26
Onoclea 8
Taraxacum 9

Impatiens cap 9
Hibiscus scab 9
Monarda molliflora 9
Coreopsis palmata 9

Lactuca 0