



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 6085 (Boreal Stand 85): Lake Huron, Presque Isle County, Michigan, Township 36N, Range 4E, Section 36. 1956-07-23

[s.l.]: [s.n.], 1956-07-23

<https://digital.library.wisc.edu/1711.dl/QPWVYHEUEBV2J87>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

STAND RECORD

FORESTS

Stand No. 85

Name: *Lake Huron*
 County: *Presque Isle*
 Date: *July 23, 1956*
 Size of Stand: *60 acres*
 Forest Type: *Popple-balsam*
 Topography: *gentle*

Observers:

JFM, JEM

Locality:

T: *36 N*R: *4E*Sec: *36*

Size of Area Sampled:

Soil Type:

Slope:

slight

Directions

E. facing

Condition of Stand:

*Previously logged & burned.**young stand - 50-60 yrs - good quick growth.**Spurs quite scattered**Wet - Mesic site - High water table - running over stone layer*

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									

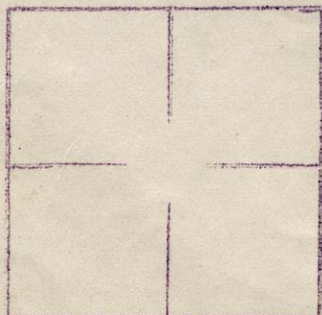
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	<i>2 1/2" - leaves & needles</i>	<i>4" needles & leaves</i>	<i>1 1/2" needles & leaves</i>
A ₁	<i>1 1/2" - 2" black humus</i>	<i>1-1 1/2" black</i>	<i>1-1 1/2" black</i>
A ₂	<i>1-2" leached</i>	<i>2" gray brown</i>	<i>2" gray brown</i>
B	<i>light brown sand</i>	<i>light brown sand</i>	<i>orange brown sand</i>

Parent Material:

Map:



TREE DATA SUMMARY SHEET

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

Station Number: 85

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	27	53				1518	55	45.8		89.9	34.2	44.1	30.8	109.1	
Acer rubru	8	10				512	6	5.0		26.6	10.1	8.3	10.4	28.8	
A. sacchar															
A. spicatu							13	10.8							
Betula lut															
B. papyrif	12	12				378	6	5.0		40.0	15.2	10.0	7.7	32.9	
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	5	6				295	2	1.7		16.7	6.3	5.0	6.0	17.3	
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo	6	6				366	1	0.8		20.0	7.6	5.0	7.4	20.0	
Prunus virg							5	4.2							
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	20	32				1839	22	18.3		66.6	25.3	26.8	37.4	89.5	
Ulmus amer															
U. fulva															
Amelanchier	1	1				13				3.3	1.3	0.8	0.3	2.4	
Acer pens.							8	6.7							
Frax. nig.							1	0.8							
Alnus rug							1	0.8							
TOTALS	79	120				4921	120	100.0		263.1	100.0	100.0	100.0	300.0	

AVE. DIST. BTW'N TREES:

9.5

AVE B. A.:

41.0

TREES/ACRE:

482

DOM./ACRE:

19,762

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 85(1)

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	5 $\frac{1}{2}$ -20 9 8-35 16	5-14 10 $\frac{1}{2}$ 4-27 8 $\frac{1}{2}$ 13 $\frac{1}{2}$ -15	3-23 3 3 $\frac{1}{2}$ -12 2 $\frac{1}{2}$ 10-25 10	10 $\frac{1}{2}$ -25 4 10-27	5-30 13 $\frac{1}{2}$ 7-40 9 4		11 7 $\frac{1}{2}$ -50 5 4-21 5 $\frac{1}{2}$	16-100 5 19-60 7	8-40	6-20 4 16-35 7 $\frac{1}{2}$
Acer rubrum	11 $\frac{1}{2}$ -220									
A. sacchar.										
A. spicatum						2 10	8 $\frac{1}{2}$ 6	14 $\frac{1}{2}$ 8	6 7	
Betula lut.										
B. papyrif				10-22	11-24	7 $\frac{1}{2}$ -15 9			16-100	7
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										12-28
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem		7-18 4		14-120					14-60	9 $\frac{1}{2}$ -75
Prunus pen. <i>virginiana</i>		14	9							
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	10 $\frac{1}{2}$		12-60		3 $\frac{1}{2}$ -16 14	4-75 14 10-21 14-40	9 $\frac{1}{2}$ -150 18-90	15-90 11-13	13-100 12 $\frac{1}{2}$ 12 $\frac{1}{2}$	3
Ulmus amer										
U. fulva										
Amelanchier Acer pennsylv	4 $\frac{1}{2}$ -13 8	14				13 $\frac{1}{2}$				
Canopy litter	60 2	60 2	65 3	60 1	65 1 $\frac{1}{2}$	75 3/4	60 2	50 1/2	55 2	45 1 $\frac{1}{2}$
Distance	29 $\frac{1}{2}$ -33 $\frac{1}{2}$	29 $\frac{1}{2}$ -37	28 $\frac{1}{2}$ -24 $\frac{1}{2}$	44 $\frac{1}{2}$ -22	26 $\frac{1}{2}$ -46 $\frac{1}{2}$	35 $\frac{1}{2}$ -37	39-25	61-24 $\frac{1}{2}$	51-28	37 $\frac{1}{2}$ -21 $\frac{1}{2}$

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 85(2)

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	6-35 18-14 3-18 15-40	5-65 4-14 11-12	10 1/2-30 3-35 8 1/2	8-40 11-12 5 1/2	18	14-45 3	8-55 20-27	10 1/2 3 1/2-17 10 1/2	4-30 17-48 10-18	5 1/2 7-60 5-20 7 1/2-15 10 1/2
Acer rubrum	17	8		4-45						13-30 15
A. sacchar.										
A. spicatum					10 13 1/2			11 14	3 1/2	
Betula lut.										
B. papyrif				5-30	9-45		8 1/2-45	10-26 10		
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau	10 1/2	6-40 3	2 1/2-55							
Pinus Bank										
P. resinosa		6-40								
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen ^{virginiana}						6				
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	3 5		14-100 9	3	8-110 7-40 4 1/2-65	8 8 1/2-60 4-70	7-30 12 10-120 8	18-35 11-13 13	8-30	
Ulmus amer										
U. fulva										
Acer pennsylv			10							4 1/2
Trich ngr						5				
Canopy	30	60	45	55	80	60	70	70	65	55
Litter	1	1 1/2	1	1 1/2	2	2 1/2	2	1 1/2	3/4	1/2
Distance	42-35 1/2	26 1/2-23	30-27	28-22	28 1/2-49 1/2	33 1/2-26	46 1/2-42	42 1/2-45 1/2	39-24 1/2	32 1/2-46

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 85(3)

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>	9-18 4	6-25 12 8-14	11-35 6 1/2 5 1/2-20 10 1/2	12-13 1 1/2	22-20 6	10 1/2-12 14	6 1/2	9-21 7	2-4 1 1/2	16-25 5 1/2
<i>Acer rubrum</i>			9-40 11 1/2	3 1/2-13 14-40	4-35 11			2 1/4 24-35 3	11-12 3	11-13 6
<i>A. sacchar.</i>				13 1/2-22						
<i>A. spicatum</i>										
<i>Betula lut.</i>										
<i>B. papyrif</i>	14-30	7		3 1/2-14 12					11-15	9-12 5 8
<i>Carpinus car</i>										
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>						6-130	7-28 10-14			
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobus</i>										
<i>Populus bals</i>										
<i>P. grand</i>										
<i>P. trem</i>		4-23						18-70		
<i>Prunus pen.</i>										
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										
<i>Tsuga can</i>										
<i>Thuja occ</i>	11 1/2-23 13 5 1/2-25	9-24 13 10	19-50 7	8-35 4 9 1/2-25	3	16-27	12-40 8 1/2-130	6-22 13 4		4-110
<i>Ulmus amer</i>										
<i>U. fulva</i>										
<i>Acer pennsylvan</i>	11 1/3					6				
<i>Prunus virg</i> <i>Alnus rugosa</i>		8 1/2					7			
Canopy	80	55	50	40	55	40	45	60	65	70
Litter	2	1 1/4	3	3	1	1 1/2	1 1/2	1 1/2	2	3 1/4
Distance	43-31	27-43 1/2	42 1/2-28 1/2	33-32	43-23	36 1/2-35	37 1/2-29 1/2	57-27	35-18 1/2	40-24 1/2

Av. Canopy. 58% Av. Litter. 1.6"

53

10

12

6

6

32

University of Wisconsin
STAND NO. 85

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
Carex disperma																							
Carex eburnea																							
Carex intumescens																							
Carex leptalea																							
Carex pedunculata																							
Carex pensylvanica																							
Carex projecta																							
Carex woodii																							
Carex spp.																							
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	✓	✓	✓								✓					✓						4	27
Comandra richardsiana																							
Comandra umbellata																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandicum																							
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida	✓										✓											1	7
Cornus alternifolia																							
Cornus canadensis	✓			✓			✓	✓							✓							4	27
Cornus racemosa																							
Cornus rugosa	✓						✓								✓							2	13
Cornus stolonifera																							
Corydalis sempervirens																							
Corylus americana																							
Corylus cornuta	✓																						1
Cryptotaenia canadensis																							
Cynoglossum boreale																							
Cynoglossum officinale																							
Cypripedium acaule																							
Cypripedium arietinum																							
Cypripedium calceolus																							
Cypripedium reginae																							
Cystopteris bulbifera																							
Cystopteris fragilis																							
Dalibarda repens																							

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
Geum aleppicum																							
Geum canadense																							
Geum rivale																							
Glyceria striata																							
Goodyera obtusifolia	✓																						1
Goodyera pubescens																							
Goodyera repens																							
Goodyera tessellata																							
Habenaria clavellata																							
Habenaria hyperborea																							
Habenaria obtusata																							
Habenaria orbiculata	✓																						1
Habenaria psycodes																							
Habenaria viridis																							
Hackelia virginiana																							
Halenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus																							
Hepatica acutiloba																							
Hepatica americanum																							
Heracleum maximum																							
Heuchera richardsonii																							
Hieracium aurantiacum																							
Hieracium canadense																							
Hieracium pratense																							
Hieracium scabrum																							
Ilex verticillata																							
Impatiens capensis																							
Iris lacustris																							
Isopyrum bitermum																							
Juniperus communis																							
Juniperus horizontalis																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus																							
Ledum groenlandicum																							
Lichens spp.	✓		✓	✓	✓		✓	✓			✓					✓						7	47
Lilium michiganense			✓	✓		✓	✓															4	27
Linnaea borealis	✓		✓	✓		✓	✓																
Listera auriculata																							
Listera borealis																							
Listera convallarioides																							
Listera cordata																							
Lobelia inflata																							
Lonicera canadensis	✓		✓					✓	✓													3	20
Lonicera dioica																							
Lonicera hirsuta	✓															✓						1	7
Lonicera involucrata																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lonicera villosa																							
Luzula acuminata																							

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 85

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

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

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

TREES

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

SHRUBS

✓ *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)

HERBS

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

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

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

✓ *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

STAND 85

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 bicknellii
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
Mitchella 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
Viola incognita
Viola nephrophylla
Viola pallens
Viola papilionacea
Viola pubescens
Viola renifolia
Viola selkirkii
Viola sororia
Waldsteinia fragarioides

Additional species

Mugil
Fuhens
Aster hirsutus
Equisetum arvense
Oryzopsis asperifolia
Smilax obtusifolia

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 85(1)

TREE SEEDLINGS

7654321 Abies balsamea 890
Acer pensylvanicum
09854321 Acer rubrum
Acer saccharum
8 Acer spicatum
Betula lutea
0 Betula papyrifera
03 Amelanchier sp

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

Pinus strobus
Populus tremuloides
Prunus pensylvanica
Prunus serotina
63 Thuja occidentalis
Tilia americana
Tsuga canadensis

SHRUBS

Alnus rugosa
Arctostaphylos uva-ursi
Comptonia peregrina
Corylus americana
Corylus cornuta
Diervilla lonicera
Dirca palustris
Ilex verticillata
Ledum groenlandicum
982 Lonicera canadensis
7 Cornus rugosa

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

5 Rubus parviflorus
Sambucus pubens
Shepherdia canadensis
Spiraea alba
Symphoricarpos occidentalis
Taxus canadensis
7 Vaccinium angustifolium
761 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
76531 Aralia nudicaulis
Arisaema atrorubens
09875431 Aster macrophyllus
Athyrium filix-femina
95 Botrychium virginianum
Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum
Circaea alpina
Claytonia caroliniana
Claytonia virginiana
024 Clintonia borealis
Coptis groenlandicum
Corallorhiza maculata
763 Cornus canadensis
Cystopteris fragilis
Dicentra canadensis
Dicentra cucullaria
Dryopteris disjuncta
Dryopteris phegopteris

Dryopteris spinulosa
Epigaea repens
Epilobium angustifolium
Equisetum sylvaticum
Erythronium americanum
Fragaria vesca
Fragaria virginiana
Galium aparine
54 Galium triflorum
Gaultheria hispidula
Gaultheria procumbens
Gentiana quinquefolia
Geranium maculatum
Goodyera repens
Habenaria obtusata
Halenia deflexa
Hepatica acutiloba
Hepatica americana
Hieracium aurantiacum
6532 Linnaea borealis
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
5 Lycopodium lucidulum
Lycopodium obscurum
07632 Maianthemum canadense
Medeola virginiana
Melampyrum lineare
Mitchella repens
Mitella diphylla

98542 Mitella nuda
Monotropa uniflora
Osmorhiza claytoni
Oxalis montana
Oxalis stricta
76 Polygala paucifolia
Polygonatum pubescens
Prenanthes alba
06 Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
7 Pyrola secunda
Ranunculus acris
Rhus radicans
Rubus pubescens
Sanguinaria canadensis
4 Smilacina racemosa
Smilacina stellata
7 Streptopus roseus
Tiarella cordifolia
07631 Trientalis borealis
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
Viola cucullata
8 Viola pallens
Viola pubescens
9 Viola renifolia
Waldsteinia fragarioides
852 Viola incognita

Additional species

Mosses 1234567890
Lichens 23467
Petasites palmatus 2
Aster multiflorus 5
Corallorhiza innata 9

Onoclea asplen 0

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 85(2)

TREE SEEDLINGS

5432 Abies balsamea
42 Acer pensylvanicum
54321 Acer rubrum
Acer saccharum
Acer spicatum
Betula lutea
Betula papyrifera
3 Amelanchier sp.

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

Pinus strobus
Populus tremuloides
Prunus pensylvanica
Prunus serotina
Thuja occidentalis
Tilia americana
Tsuga canadensis

SHRUBS

Alnus rugosa
Arctostaphylos uva-ursi
Comptonia peregrina
Corylus americana
Corylus cornuta
Diervilla lonicera
Dirca palustris
Ilex verticillata
Ledum groenlandicum
Lonicera canadensis
2 Cornus rugosa
4 Cornus brachyotum

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

Rubus parviflorus
Sambucus pubens
Shepherdia canadensis
Spiraea alba
Symphoricarpos occidentalis
Taxus canadensis
Vaccinium angustifolium
3 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
4321 Aralia nudicaulis
Arisaema atrorubens
54321 Aster macrophyllus
Athyrum filix-femina
Botrychium virginianum
Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum
Circaea alpina
Claytonia caroliniana
Claytonia virginiana
5 Clintonia borealis
Coptis groenlandicum
Corallorhiza maculata
3 Cornus canadensis
Cystopteris fragilis
Dicentra canadensis
Dicentra cucullaria
Dryopteris disjuncta
Dryopteris phegopteris

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

4 Mitella nuda
Monotropa uniflora
Osmorhiza claytoni
Oxalis montana
Oxalis stricta
Polygala paucifolia
Polygonatum pubescens
Prenanthes alba
5 Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus acris
Rhus radicans
4 Rubus pubescens
Sanguinaria canadensis
Smilacina racemosa
Smilacina stellata
Streptopus roseus
Tiarella cordifolia
532 Trientalis borealis
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
Viola cucullata
4 Viola pallens
Viola pubescens
Viola renifolia
Waldsteinia fragarioides
44 Viola incognita

Additional species

Morpha 12345
Lilium 15