



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 6071 (Boreal Stand 71): Warren's Woods, Ashland County, Township 50N, Range 3W, Section 6. 1956-05-29

[s.l.]: [s.n.], 1956-05-29

<https://digital.library.wisc.edu/1711.dl/AA5OS6PSWP3TM82>

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. 71

Name: Warren's Woods.

County: Ashland

Date: May 29, 1956

Size of Stand 50 acres

Forest Type: Wp-Rp-Ws, Ab

Topography:

gentle

T: 50N

R: 3W

Sec: 6

Observers:

PPM.

Size of Area Sampled:

Soil Type:

Slope:

Directions

on slight E-W slope

popple swale between in dough

Dry-Mesic

Condition of Stand:

Mined on upper slopes & parts logged - avoided

Heavy pine needle litter

Previously logged & burned

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.O.
A ₀									
A ₁									
A ₂									
B									

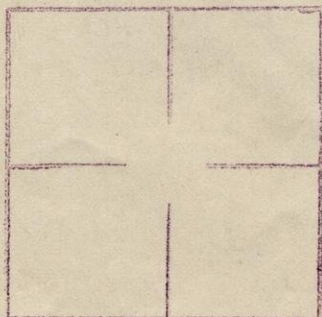
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	1/4 needles	1" needles, few leaves	1 1/2 needles
A ₁	1/2 blackish red - crumbly	1/2 black - red crumbly	1/2 black red crumbly
A ₂	1-2" red ashy grey	1-2" red gray (leaching barely evident)	1-2 red gray little leaching
B	red clay	red clay	red clay

Parent Material:

Map:



Revisited & data obtained July 4, 1956
 Young stand - approx. 50 yrs - one Ws bored.
 John Warren - Minersville, Wis.

TREE DATA SUMMARY SHEET

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

Station Number: 71

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	24				650	38	32.5		56.6	20.3	20.0	13.0	53.3	
Acer rubru	1	1				16	2	1.7		3.3	1.2	0.8	0.3	2.3	
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif	11	16				569	22	18.3		36.6	13.1	13.3	11.4	37.8	
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	19	34				1117	31	25.8		63.3	22.7	28.3	22.5	73.5	
Pinus Bank															
P. resinosa	12	16				1202	2	1.7		40.0	14.3	13.3	24.2	51.8	
P. Strobus	12	15				819	9	7.5		40.0	14.3	12.5	16.5	43.3	
Populus ba															
P. grandid	1	1				56				3.3	1.2	0.8	1.1	3.1	
P. tremulo	7	8				415	1	0.8		23.3	8.1	6.9	8.5	23.5	
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana	1	1				14	4	3.3		3.3	1.2	0.8	0.3	2.3	
Thuja occi	3	4				110	3	2.5		10.0	3.6	3.3	2.2	9.1	
Ulmus amer							5	4.2							
U. fulva															
Amelanchier							2	1.7							
TOTALS	84	120				4968	120	100.0		279.7	100.0	100.0	100.0	300.0	

AVE. DIST. BTW'N TREES:

7.4

AVE B. A.:

41.4

TREES/ACRE:

795

DOM./ACRE:

32,913

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 71 (1)

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 71 (3)

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	4 13	18 30	8 1/2 15 36	3 1/2 22 3	19 54 20		5 27	10 1/2 19		10 22
Acer rubrum		15 28								
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif		6 37		16 62		12 58				5 42
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau	5 14	24 52	6 6	19 22	24 1/2 19	5 4 1/2	16 24	1 2	24 40	2 22
Pinus Bank							16 38			
P. resinosa				2 90	75 11	78 85			4 140	
P. Strobus						5 90	2 1/2 52	2 110	20 20	8 9
Populus bals								11 1/2 75		36 40
P. grand										9 56
P. trem						4 1/2 30				
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Canopy	25	70	75	70	20	80	65	35	80	85
litter	1/8	1/2	1 1/2	1/2	1/2	1	1	1/2	1 1/2	2
Distance										

Av. Canopy = 61%

Av. litter = 0.7"

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 71 (1) SAPLINGS

[illegible]

Stand No. 71 (3) SAPLINGS

[illegible]

[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	✓																						1
Carex leptalea																							
Carex pedunculata	✓	✓					✓	✓	✓	✓		✓	✓									6	40
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	✓																						1
Comandra richardsiana																							
Comandra umbellata																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandicum																							
Corallorhiza maculata	✓																						1
Corallorhiza striata																							
Corallorhiza trifida																							
Cornus alternifolia		✓																					1
Cornus canadensis	✓	✓				✓			✓		✓					✓						4	27
Cornus racemosa																							
Cornus rugosa	✓	✓																					1
Cornus stolonifera																							
Corydalis sempervirens																							
Corylus americana																							
Corylus cornuta																							
Cryptotaenia canadensis																							
Cynoglossum boreale																							
Cynoglossum officinale																							
Cypripedium acaule																							
Cypripedium arietinum																							
Cypripedium calceolus																							
Cypripedium reginae																							
Cystopteris bulbifera																							
Cystopteris fragilis																							
Dalibarda repens																							

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0	
<u>Desmodium glutinosum</u>																						
<u>Dicentra canadensis</u>																						
<u>Dicentra cucullaria</u>																						
<u>Diervilla lonicera</u>	✓	✓																				1
<u>Dirca palustris</u>																						
<u>Dryopteris boottii</u>																						
<u>Dryopteris cristata</u>																						
<u>Dryopteris disjuncta</u>																						
<u>Dryopteris goldiana</u>																						
<u>Dryopteris marginalis</u>																						
<u>Dryopteris noveboracensis</u>																						
<u>Dryopteris phegopteris</u>																						
<u>Dryopteris spinulosa</u>	✓	✓																				1
<u>Empetrum nigrum</u>																						
<u>Epifagus virginiana</u>																						
<u>Epigaea repens</u>																						
<u>Epilobium angustifolium</u>																						
<u>Epilobium glandulosum</u>																						
<u>Epilobium strictum</u>																						
<u>Equisetum arvense</u>	✓	✓	✓							✓		✓	✓			✓						5 33
<u>Equisetum pratense</u>																						
<u>Equisetum scirpoides</u>																						
<u>Equisetum sylvaticum</u>		✓																				1
<u>Erigeron annuus</u>																						
<u>Erigeron philadelphicus</u>																						
<u>Erigeron strigosus</u>																						
<u>Erythronium albidum</u>																						
<u>Erythronium americanum</u>																						
<u>Eupatorium maculatum</u>																						
<u>Eupatorium perfoliatum</u>																						
<u>Eupatorium purpureum</u>																						
<u>Fagopyrum sagittatum</u>																						
<u>Festuca obtusa</u>																						
<u>Fragaria vesca</u>																						
<u>Fragaria virginiana</u>		✓				✓		✓		✓	✓	✓										5 33
<u>Galium aparine</u>																						
<u>Galium asprellum</u>																						
<u>Galium boreale</u>																						
<u>Galium concinnum</u>																						
<u>Galium lanceolatum</u>																						
<u>Galium triflorum</u>	✓	✓				✓																1 7
<u>Gaultheria hispidula</u>																						
<u>Gaultheria procumbens</u>		✓																				1
<u>Gaylussacia baccata</u>																						
<u>Gentiana andrewsii</u>																						
<u>Gentiana crinata</u>																						
<u>Gentiana linearis</u>																						
<u>Gentiana quinquefolia</u>																						
<u>Geocaulon lividum</u>																						
<u>Geranium bicknelli</u>																						
<u>Geranium maculatum</u>																						
<u>Geranium robertianum</u>																						

	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	✓																						1
Geum rivale																							
Glyceria striata																							
Goodyera obtusifolia																							
Goodyera pubescens																							
Goodyera repens																							
Goodyera tessellata																							
Habenaria clavellata																							
Habenaria hyperborea																							
Habenaria obtusata																							
Habenaria orbiculata																							
Habenaria psycodes																							
Habenaria viridis																							
Hackelia virginiana																							
Halenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus																							
Hepatica acutiloba																							
Hepatica americanum	✓	✓					✓	✓	✓			✓	✓									5	33
Heracleum maximum																							
Heuchera richardsonii																							
Hieracium aurantiacum	✓																						1
Hieracium canadense																							
Hieracium pratense																							
Hieracium scabrum																							
Ilex verticillata																							
Impatiens capensis																							
Iris lacustris																							
Isopyrum biternatum																							
Juniperus communis																							
Juniperus horizontalis																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus	✓	✓													✓							1	7
Ledum groenlandicum																							
Lichens spp.	✓	✓		✓			✓			✓		✓		✓								5	33
Lilium michiganense																							
Linnaea borealis	✓	✓				✓							✓	✓	✓							4	27
Listera auriculata																							
Listera borealis																							
Listera convallarioides																							
Listera cordata																							
Lobelia inflata																							
Lonicera canadensis	✓	✓																					1
Lonicera dioica																							
Lonicera hirsuta	✓	✓																					1
Lonicera involucrata																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lonicera villosa																							
Luzula acuminata	✓	✓						✓															1

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
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																							
Lysimachia quadrifolia																							
Lysimachia terrestris																							
Maianthemum canadense	✓	✓		✓	✓	✓	✓					✓	✓	✓	✓							8	53
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense																							
Mertensia paniculata																							
Milium effusum																							
Mitchella repens	✓	✓																					1
Mitella diphylla	✓	✓									✓											1	7
Mitella nuda		✓							✓					✓								2	13
Moneses uniflora																							
Monotropa hypopithys																							
Montropa uniflora																							
Mosses spp.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						14	93
Nemopanthus mucronata																							
Onoclea sensibilis																							
Orchis spectabilis																							
Oryzopsis asperifolia	✓	✓		✓	✓							✓		✓			✓					5	33
Oryzopsis racemosa																							
Osmorhiza claytoni	✓	✓																					1
Osmorhiza longistylis																							
Osmunda claytoniana		✓																					1
Osmunda cinnamomea																							
Osmunda regalis																							
Oxalis montana																							
Oxalis stricta																							
Panax quinquefolius																							
Panax trifolius																							
Parthenocissus inserta																							
Parthenocissus quinquefolia		✓																					1
Petasites palmatus		✓	✓																				1
Phleum pratense																							
Phlox divaricata																							
Phryma leptostachya																							
Plantago major																							
Poa compressa																							
Poa pratensis		✓					✓																1
																							7

Data Form No. 84f
TABULATION FORM

Plant Ecology Research
SPRUCE - FIR, SPRUCE - FIR MIXED HARDWOODS

University of Wisconsin
STAND NO. 71

[illegible]

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
Rubus (dewberry)																							
Rubus (raspberry)																							
Rumex acetosella																							
Salix spp.																							
Sambucus canadensis																							
Sambucus pubens																							
Sanguinaria canadensis																							
Sanicula gregaria																							
Sanicula marilandica	✓	✓				✓		✓				✓		✓		✓						5	33
Satureja vulgaris																							
Saxifraga pensylvanica																							
Schizachne purpurascens																							
Scutellaria epilobiifolia																							
Scutellaria lateriflora																							
Senecio aureus																							
Shepherdia canadensis																							
Sium suave																							
Smilacina racemosa		✓																					1
Smilacina stellata																							
Smilacina trifolia																							
Smilax herbacea - serrata		✓																					1
Smilax tamnoides var hispida		✓																					1
Spiranthes gracilis																							
Spiranthes romanzoffiana																							
Solidago canadensis																							
Solidago flexicaulis		✓										✓											1 7
Solidago gigantea																							
Solidago graminifolia																							
Solidago hispida																							
Solidago juncea																							
Solidago lepida																							
Solidago macrophylla																							
Solidago rugosa																							
Solidago ulmifolia																							
Spiraea alba																							
Spiraea latifolia																							
Stachys palustris																							
Stellaria calycantha																							
Stellaria longifolia																							
Stellaria palustris																							
Streptopus amplexifolius																							
Streptopus roseus		✓	✓									✓											1 7
Symphoricarpos albus																							
Symphoricarpos occidentalis																							
Taraxacum officinale		✓																					1
Taxus canadensis																							
Thalictrum dasycarpum																							
Thalictrum dioicum																							
Thalictrum polygamum																							
Tiarella cordifolia																							
Trientalis borealis																							
Trifolium hybridum																							

	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
Trifolium pratense																							
Trifolium repens	✓																						/
Trillium cernuum	✓																						/
Trillium erectum																							
Trillium grandiflorum																							
Trillium undulatum																							
Uvularia grandiflora																							
Uvularia sessilifolia																							
Vaccinium angustifolium																							
Vaccinium cespitosum																							
Vaccinium corymbosum																							
Vaccinium myrtilloides																							
Vaccinium ovalifolium																							
Vaccinium uliginosum																							
Vaccinium vitis-idaea																							
Veronica officinalis																							
Veronica scutellata																							
Veronica serpyllifolia																							
Viburnum acerifolium																							
Viburnum alnifolium																							
Viburnum cassinoides																							
Viburnum edule																							
Viburnum lentago																							
Viburnum rafinesquianum	✓	✓																					/
Viburnum trilobum	✓	✓																					/
Vicia americana																							
Viola adunca																							
Viola blanda,																							
Viola canadensis																							
Viola conspersa	✓	✓								✓	✓											/	7
Viola cucullata	✓	✓							✓	✓												/	3
Viola incognita	✓	✓																				/	
Viola nephrophylla																							
Viola pallens																							
Viola papilionacea																							
Viola pubescens	✓																						/
Viola renifolia																							
Viola selkirkii																							
Viola sororia																							
Vitis riparia																							
Waldsteinia fragarioides	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓					13	87
Woodsia ilvensis																							
Xanthoxylum americanum																							
Tree Seedlings																							
Abies balsamea	✓	✓	✓	✓	✓			✓		✓					✓	✓						8	53
Acer pensylvanicum																							
Acer rubrum																							
Acer saccharum																							
Acer spicatum																							

[illegible]

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 71

July 4, 1956

TREES

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

- ✓ *Fraxinus nigra*
- ✓ *Fraxinus pensylvanicum*
- ✓ *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*
- ✓ *Pyrus decora*
- ✓ *Quercus rubra* var. *borealis*
- ✓ *Thuja occidentalis*
- ✓ *Tilia americana* seedling
- ✓ *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 richardsoniana*
- ✓ *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

July 4, 1956

SPRUCE-FIR - MIXED HARDWOODS

S-71

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

Moss
hichens
Oryzopsis asperifolia
Solidago ulmifolia - clasping leaves - *Aster lateriflorus*
Aster lindleyanus
Smilax hispida
Parthenocissus quinquefolia
Luzula acuminata
Carex pedunculata
Large leafy Asters - A. umbellatus
Equisetum arvense
Brachyplectrum erectum

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 71

May 29, 1956

TREES

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

✓ *Fraxinus nigra* *sapling*
 ✓ *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* *seedling*
 ✓ *Pyrus americana*
 ✓ *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 oxyacanthoides*
 ✓ *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*

Heavy pine needle litter
 wp - Kp -
 Sparsely by poplar

lightly grazed - cows not
 heavily logged & burned

By M. M. C.

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

8-71

May 29, 1956

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 $\dagger$
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 $\dagger$
Malaxis unifolia
Medeola virginiana
Melampyrum lineare
Mitchella repens
Mitella diphylla $\dagger$
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 $\dagger$
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 $\dagger$
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 $\dagger$
Viola cucullata
Viola incognita $\dagger$
Viola nephrophylla
Viola pallens
Viola papilionacea $\dagger$
Viola pubescens
Viola renifolia
Viola selkirkii
Viola sororia
Waldsteinia fragarioides $\dagger$

Additional species

Aster sp.
Ornithoglossum sp.
Onychopteris asperifolia $\dagger$
Luzula acuminata $\dagger$
Moss
Ferns
Carex pedunculata $\dagger$
Senecio canadensis

Equisetum arvense
Thymus repens

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 71 (1)

TREE SEEDLINGS

974321 Abies balsamea
Acer pensylvanicum
Acer rubrum
Acer saccharum
Acer spicatum
Betula lutea
7 Betula papyrifera

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

075 *Prax nigr*

SHRUBS

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

Prunus pumila
Pyrus melanocarpa
Ribes cynosbati
Ribes glandulosum
Ribes lacustre

541 Rosa sp.

Rubus (blackberry)
Rubus (dewberry)
Rubus (raspberry)
Rubus idaeus

HERBS

Actaea pachypoda
0 Actaea rubra
Adiantum pedatum
Anaphlis margaritacea
Anemone cylindrica
25 Anemone quinquefolia
Anemone virginiana
Antennaria spp.
Apocynum androsaemifolium
Aquilegia canadensis
9 Aralia nudicaulis
Arisaema atrorubens
0986321 Aster macrophyllus
Athyrium filix-femina
Botrychium virginianum
Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum
Circaea alpina
Claytonia caroliniana
Claytonia virginiana
Clintonia borealis
Coptis groenlandicum
Corallorhiza maculata
085 Cornus canadensis
Cystopteris fragilis
Dicentra canadensis
Dicentra cucullaria
Dryopteris disjuncta
Dryopteris phegopteris

Dryopteris spinulosa
Epigaea repens
Epilobium angustifolium
Equisetum sylvaticum
Erythronium americanum
Fragaria vesca
0975 Fragaria virginiana
Galium aparine
5 Galium triflorum
Gaultheria hispidula
Gaultheria procumbens
Gentiana quinquefolia
Geranium maculatum
Goodyera repens
Habenaria obtusata
Halenia deflexa
Hepatica acutiloba
876 Hepatica americana
Hieracium aurantiacum
5 Linnaea borealis
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum

05432 Maianthemum canadense
Medeola virginiana
Melampyrum lineare
Mitchella repens
9 Mitella diphylla

Additional species

Morpha 1234567980
Lichens 258
Pyrola asarifolia 269
H. blucarpa bracteata 241
L. 5

Aster lindleyanus 25
Oryzopsis asperifolia 230
Sambucus racemosa 46
Poa pratensis 5

Agrimonia eupatoria 5
Carex pedunculata 6789
Asarum canadense 6
Carex arctata 7

Luzula acumin 7
Sagittaria arifolia 19

098543 Prunus nig
Pinus strobus
4 Populus tremuloides
Prunus pensylvanica
Prunus serotina
61 Thuja occidentalis
98 Tilia americana
Tsuga canadensis
1 Ulmus amer

97431 Rubus parviflorus
Sambucus pubens
Shepherdia canadensis
Spiraea alba
Symphoricarpos occidentalis
Taxus canadensis
Vaccinium angustifolium
Vaccinium myrtilloides
Viburnum acerifolium
Viburnum trilobum

8 Mitella nuda
Monotropa uniflora
Osmorhiza claytoni
Oxalis montana
Oxalis stricta
Polygala paucifolia
Polygonatum pubescens
72 Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus acris
Rhus radicans

9543 Rubus pubescens
Sanguinaria canadensis
Smilacina racemosa
Smilacina stellata
Streptopus roseus
Tiarella cordifolia
Trientalis borealis
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
67 Viola cucullata like it
Viola pallens
Viola pubescens
Viola renifolia

098654321 Waldsteinia fragarioides
7 Viola conspersa

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 71(2)

TREE SEEDLINGS

- 54 Abies balsamea
Acer pensylvanicum
Acer rubrum
Acer saccharum
Acer spicatum
Betula lutea
2 Betula papyrifera
4 Amelanchier sp.

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

432 Taxus nig

SHRUBS

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

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

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

54 Pinus nig

- 43 Rubus parviflorus
Sambucus pubens
Shepherdia canadensis
Spiraea alba
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.
51 Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis
Arisaema atrorubens
5432 Aster macrophyllus
Athyrum filix-femina
Botrychium virginianum
Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum
Circaea alpina
Claytonia caroliniana
Claytonia virginiana
Clintonia borealis
Coptis groenlandicum
Corallorhiza maculata
5 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
Galium triflorum
Gaultheria hispidula
Gaultheria procumbens
Gentiana quinquefolia
Geranium maculatum
Goodyera repens
Habenaria obtusata
Halenia deflexa
Hepatica acutiloba
21 Hepatica americana
Hieracium aurantiacum
432 Linnaea borealis
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
321 Maianthemum canadense
Medeola virginiana
Melampyrum lineare
Mitchella repens
Mitella diphylla

- 2 Mitella nuda
Monotropa uniflora
Osmorhiza claytoni
Oxalis montana
Oxalis stricta
Polygala paucifolia
Polygonatum pubescens
Prenanthes alba
1 Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus acris
Rhus radicans
2 Rubus pubescens
Sanguinaria canadensis
Smilacina racemosa
Smilacina stellata
1 Streptopus roseus
Tiarella cordifolia
Trientalis borealis
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Viola renifolia
5432 Waldsteinia fragarioides

Additional species

Mosses 1235
Lichens 13
Saxifraga mar. 135
Amblyopogon tridentata 1
Gnaphalium arvense 125
Aster lindleyanus 1
Solidago flex 1
Carex pedunculata 12
Solidago sp 1

Pyrola asarifolia 2
Chrysopsis ager 25
Lathyrus ochroleucus 3