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## **Site 6083 (Boreal Stand 83): Levering, Emmet County, Michigan, Township 37N, Range 4W, Section 3. 1956-07-20**

[s.l.]: [s.n.], 1956-07-20

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STAND RECORD

FORESTS

Stand No. 83

25 yd int.

Name: *Levering*

County: *Emmett*

Date: *July 20, 1956*

Size of Stand: *40 acres*

Forest Type: *Cedar - Balsam - Spruce*

Topography: *Level to gently rolling*

Locality: *1/2 S. of Levering on Hwy 31*

T: *37N*

R: *4W*

Sec: *3 SW 1/4*

Observers: *PFM, JEM*

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

*Previously logged + burned. - not touched in lifetime of existing stand  
Heavy understory of ground spruce 1-2' high  
Stand 65-75 years old.  
Site - Wet-Medic*

Open Grown Trees:

% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

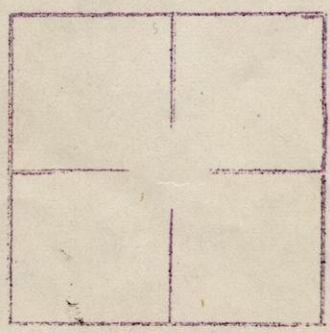
	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A <sub>0</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
A <sub>1</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
A <sub>2</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
B	_____	_____	_____	_____	_____	_____	_____	_____	_____

DEPTH CHARACTERISTICS (Color, Texture, Structure, etc.)

A <sub>0</sub>	<i>3 1/2" needles + leaves</i>	<i>4" needles + leaves</i>	<i>Same -</i>
A <sub>1</sub>	<i>crumbly black to 14"</i>	<i>crumbly black to 14"</i>	
A <sub>2</sub>	_____	_____	
B	_____	_____	

Parent Material:

Map:





## TREE DATA SUMMARY SHEET

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

Station Number: 83

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	22	37				1395	32	26.7		73.3	30.1	30.8	28.7	89.6	
Acer rubru															
A. sacchar							1	0.8							
A. spicatu							3	2.5							
Betula lut															
B. papyrif	12	13				529	6	5.0		40.0	16.4	10.8	10.9	38.1	
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	6	6				605	1	0.8		20.0	8.2	5.0	12.5	25.7	
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer							1	0.8							
Tsuga cana															
Thuja occi	29	60				2163	69	57.5		96.6	39.7	50.0	44.6	134.3	
Ulmus amer	2	2				110				6.7	2.8	1.8	2.4	7.0	
U. fulva															
Frax. nigr.	1	1				22	5	4.2		3.3	1.4	0.8	0.4	2.6	
Larix lar.	1	1				25				3.3	1.4	0.8	0.5	2.7	
Alnus rugos							2	1.7							
TOTALS	73	120				4849	120	100.0		243.2	100.0	100.0	100.0	300.0	

AVE. DIST. BTW'N TREES:  
7.4AVE B. A.:  
40.4# TREES/ACRE:  
795DOM./ACRE:  
32,118











POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 83(3)

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	18-35 2 14-40 1/2	9 1/2-16 13 8		3 1/2		10 1/2-18 6	8 1/2-40 4	18-26 12	4-35 10 3 1/2-13	13-50 8 11-26
Acer rubrum										
A. sacchar.										
A. spicatum	1 1/2							10 1/2		
Betula lut.										
B. papyrif				1-30 1 1/2		1 1/2-28	4-30	16-45		7-30
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau			6 1/2-17 0						6-35	
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	6 1/2-60 9-20 16	2 1/2-25 1 3-25	4-25 2 6-13 3 10-17 8	4-22 3 7-90 2 11-25	8 1/2-25 3 1/2 5-20 6 17-21 1 1/2	2-12 1 1/2 4 1/2-90 8	8-13 4 5-29 6	5-23 7 5-50	3 1/2-25 6 7-8	14 8 1/2
Ulmus amer		23-90								
U. fulva										
Frax mgy					3			11 1/2		
Lamp laric										1-25
Canopy	60	85	75	90	80	85	75	80	85	65
Litter	2	4	1 1/2	2	2	2	1 1/2	2	1 1/2	1
Distance										

37 trees

13

6

60

2

1

1

Aver. Canopy 74% Av. Litter = 1.9































	P	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	0		
<i>Trifolium pratense</i>																							
<i>Trifolium repens</i>																							
<i>Trillium cernuum</i>	✓			✓																		1	7
<i>Trillium erectum</i>																							
<i>Trillium grandiflorum</i>																							
<i>Trillium undulatum</i>																							
<i>Uvularia grandiflora</i>																							
<i>Uvularia sessilifolia</i>																							
<i>Vaccinium angustifolium</i>																							
<i>Vaccinium cespitosum</i>																							
<i>Vaccinium corymbosum</i>																							
<i>Vaccinium myrtilloides</i>																							
<i>Vaccinium ovalifolium</i>																							
<i>Vaccinium uliginosum</i>																							
<i>Vaccinium vitis-idaea</i>																							
<i>Veronica officinalis</i>																							
<i>Veronica scutellata</i>																							
<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>																							
<i>Viburnum trilobum</i>	✓																						1
<i>Vicia americana</i>																							
<i>Viola adunca</i>																							
<i>Viola blanda</i>																							
<i>Viola canadensis</i>																							
<i>Viola conspersa</i>	✓															✓							1 7
<i>Viola cucullata</i>																							
<i>Viola incognita</i>																							
<i>Viola nephrophylla</i>																							
<i>Viola pallens</i>	✓			✓	✓	✓																	3 20
<i>Viola papilionacea</i>																							
<i>Viola pubescens</i>																							
<i>Viola renifolia</i>	✓					✓																	1 7
<i>Viola selkirkii</i>																							
<i>Viola sororia</i>																							
<i>Vitis riparia</i>																							
<i>Waldsteinia fragarioides</i>																							
<i>Woodsia ilvensis</i>																							
<i>Xanthoxylum americanum</i>																							
<b>Tree Seedlings</b>																							
<i>Abies balsamea</i>	✓					✓	✓	✓		✓			✓			✓							6 40
<i>Acer pensylvanicum</i>																							
<i>Acer rubrum</i>																							
<i>Acer saccharum</i>																							
<i>Acer spicatum</i>	✓			✓		✓		✓								✓							4 27







## PRESENCE LIST

## SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 83

## 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 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*  
 *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*  
 *Anaphlis 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

STAND 83

- 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 claytonii*  
*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*  
*Lichen*  
*Carex pedunculata*  
*Aster ludleyanus*  
*Sphagnum sp.*  
*Aster lateriflorus*  
*Equisetum arvense v. hor.*  
*Carex trisperma*



FREQUENCY DATA  
(Common Species)

## SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 83 (1)

## TREE SEEDLINGS

9765 Abies balsamea  
Acer pensylvanicum  
Acer rubrum  
Acer saccharum  
863 Acer spicatum  
Betula lutea  
2 Betula papyrifera

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

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

5 7 May 77

## SHRUBS

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

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

Rubus parviflorus  
Sambucus pubens  
Shepherdia canadensis  
Spiraea alba  
Symphoricarpos occidentalis  
098765421 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  
Aralia nudicaulis  
Arisaema atrorubens  
Aster macrophyllus  
1 Athyrium filix-femina  
Botrychium virginianum  
Carex pensylvanica  
Chimaphila umbellata  
Chrysanthemum leucanthemum  
Circaea alpina  
Claytonia caroliniana  
Claytonia virginiana  
3 Clintonia borealis  
0531 Coptis groenlandicum  
Corallorhiza maculata  
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  
84 Galium triflorum  
Gaultheria hispidula  
Gaultheria procumbens  
Gentiana quinquefolia  
Geranium maculatum  
Goodyera repens  
Habenaria obtusata  
Halenia deflexa  
Hepatica acutiloba  
Hepatica americana  
Hieracium aurantiacum  
054 Linnaea borealis  
Lycopodium annotinum  
Lycopodium clavatum  
Lycopodium complanatum  
Lycopodium lucidulum  
Lycopodium obscurum  
Maianthemum canadense  
Medeola virginiana  
Melampyrum lineare  
54 Mitchellia repens  
Mitella diphylla

0986531 Mitella nuda  
Monotropa uniflora  
Osmorhiza claytoni  
Oxalis montana  
Oxalis stricta  
Polygala paucifolia  
Polygonatum pubescens  
Prenanthes alba  
Pteridium aquilinum  
Pyrola elliptica  
Pyrola rotundifolia  
Pyrola secunda  
Ranunculus acris  
4 Rhus radicans  
05 Rubus pubescens  
Sanguinaria canadensis  
Smilacina racemosa  
Smilacina stellata  
Streptopus roseus  
Tiarella cordifolia  
4 Trientalis borealis  
Trillium erectum  
Trillium grandiflorum  
Uvularia sessilifolia  
Viola canadensis  
Viola cucullata  
543 Viola pallens  
Viola pubescens  
5 Viola renifolia  
Waldsteinia fragarioides

## Additional species

Mosses 1234567890  
Lichens 24458  
Trillium grandiflorum 3  
Carex pedunculata 34570  
Solidago ulmifolia 45  
Small yellow Carex (sp.) 45 - Carex trispinosa  
Clematis virginiana 5



FREQUENCY DATA  
(Common Species)

## SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 83 (2)

## TREE SEEDLINGS

5 Abies balsamea  
Acer pensylvanicum  
Acer rubrum  
Acer saccharum  
5 Acer spicatum  
Betula lutea  
Betula papyrifera

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

Pinus strobus  
Populus tremuloides  
Prunus pensylvanica  
Prunus serotina  
432 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

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

Rubus parviflorus  
Sambucus pubens  
Shepherdia canadensis  
Spiraea alba  
Symphoricarpos occidentalis  
531 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  
Aralia nudicaulis  
Arisaema atrorubens  
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  
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  
5 Galium triflorum  
Gaultheria hispidula  
Gaultheria procumbens  
Gentiana quinquefolia  
Geranium maculatum  
Goodyera repens  
Habenaria obtusata  
Halenia deflexa  
Hepatica acutiloba  
Hepatica americana  
Hieracium aurantiacum  
Linnaea borealis  
Lycopodium annotinum  
Lycopodium clavatum  
Lycopodium complanatum  
Lycopodium lucidulum  
Lycopodium obscurum  
Maianthemum canadense  
Medeola virginiana  
Melampyrum lineare  
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Uvularia sessilifolia  
Viola canadensis  
Viola cucullata  
Viola pallens  
Viola pubescens  
Viola renifolia  
Waldsteinia fragarioides

5 Viola compressa

Additional species

Moxes 1245  
Lilac 5 4  
Carex pedunc 5