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Site 6080 (Boreal Stand 80): Lower Dam Camp, Dickinson, Michigan, Township 44N, Range 27W, Section 23. 1956-07-16

[s.l.]: [s.n.], 1956-07-16

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STAND RECORD

FORESTS

Stand No. 80

Name: Lower Dam Camp

County: Dickinson, N. Michigan

Date: July 16, 1956

Size of Stand 40 acres

Forest Type: Bs-Jp-

Topography:

Level

Locality:

T: 44N

R: 27W

Sec: 23 SW 1/4

Observers:

JFM, JEM

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

loggy in places - wooded - Bs + larch on upland site, partially flooded early.
 Mottled conditions - difficult to classify site - Dry or Wet?
 Previously logged + burned
 Stand 50-60 yrs old - broad Jack Pine

Open Grown Trees:

% Canopy:

Stumps:

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

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

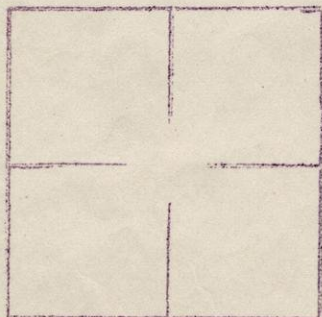
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀ 1/2" - 1" needle mass	2" needles	2" leave + needles
A ₁ 1/2" black	1/2" black	1/2" black
A ₂ 1" - ash grey	4" ash grey	2 1/2" ash grey
B red brown sand	red brown sand	red brown sand
small gravel		

Parent Material:

Map:



TREE DATA SUMMARY SHEET

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

Station Number: 80

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	1	1				20	6	5.0		3.3	1.5	0.8	0.3	2.6	
Acer rubru															
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	3	3				82	2	1.7		10.0	4.5	2.5	1.4	8.4	
Pinus Bank	23	53				3113	3	2.5		76.6	34.3	44.1	52.9	131.3	
P. resinosa	4	5				702				13.3	6.0	4.2	11.9	22.1	
P. Strobus	5	5				282	2	1.7		16.7	7.5	4.2	4.8	16.5	
Populus ba															
P. grandid															
P. tremulo	6	6				199	1	0.8		20.0	8.9	5.0	3.4	17.3	
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi															
Ulmus amer															
U. fulva															
Picea mar.	24	46				1465	104	86.6		80.0	35.8	38.4	24.8	99.0	
Larix laric.	1	1				30	2	1.7		3.3	1.5	0.8	0.5	2.8	
TOTALS	67	120				5893	120	100.0		223.2	100.0	100.0	100.0	300.0	

AVE. DIST. BTW'N TREES:

7.9

AVE B. A.:

49.1

TREES/ACRE:

698

DOM./ACRE:

34, 272

Stand No. 80(1)

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 80 (2)

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 80(3)

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>	5 6			11 9 1/2 - 20						
<i>Acer rubrum</i>										
<i>A. sacchar.</i>										
<i>A. spicatum</i>										
<i>Betula lut.</i>										
<i>B. papyrif</i>										
<i>Carpinus car</i>										
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>	12-17 2		9							
<i>Pinus Bank</i>		10-30 13 1/2 - 50 6-8	10-80	14-60 13-23	13-35	5-60 8 1/2 - 45 1-40			14-45	6-85
<i>P. resinosa</i>	2 1/2 - 150 3 1/2 - 250									
<i>P. Strobus</i>					10-50		2-35 18			
<i>Populus bals</i>										
<i>P. grand</i>										
<i>P. trem</i>							5 3-15		6-45	6-40
<i>Prunus pen.</i>										
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										
<i>Tsuga can</i>										
<i>Thuja occ</i>										
<i>Ulmus amer</i>										
<i>U. fulva</i>										
<i>Picea mariana</i>	3-45 17 9 1/2 - 30 19 4-40 6 11-30 12 4-15 11 1/2 9 1/2 - 35 18 1 1/2 - 25 5 1/2 1 1/2 - 35 17 4-40 5 7 1/2 - 30 3									
<i>Larix laricina</i>										
<i>Canopy</i>	60	5	35	5	20	30	20	10	40	45
<i>Butter</i>	3	1/2	1/4	1/4	3/4	1 1/2	2	1/2	1	1
Distance										

Av. canopy - 23%

Av. butter 1.2"

University of Wisconsin
STAND NO. 80

	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	TOTAL	% F
Achillea millefolium																							
Actaea pachypoda																							
Actaea rubra																							
Adiantum pedatum																							
Agastache foeniculum																							
Agrimonia gryposepala																							
Agrostis perennans																							
Allium tricoccum																							
Alnus crispa																							
Alnus rugosa	✓																						1
Amphicarpa bracteata																							
Anaphlis margaritacea	✓																						1
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia																							
Anemone virginiana																							
Antennaria spp.																							
Apocynum androsaemifolium	✓																						1
Aquilegia canadensis																							
Aralia hispida																							
Aralia nudicaulis																							
Aralia racemosa																							
Arctostaphylos uva-ursi																							
Arenaria lateriflora																							
Arisaema atrorubens																							
Asarum canadense																							
Asclepias exaltata																							
Aster acuminatus																							
Aster ciliolatus																							
Aster furcatus																							
Aster lateriflorus																							
Aster macrophyllus	✓				✓				✓													2	13
Aster nova-angliae																							
Aster paniculatus																							
Aster puniceus																							
Aster sagittifolius																							
Aster umbellatus	✓										✓											1	7
Athyrium filix-femina																							
Athyrium thelypteroides																							
Botrychium lanceolatum																							
Botrychium lunaria																							
Botrychium matricariaefolium																							
Botrychium multifidum																							
Botrychium virginianum																							
Brachelytrum erectum																							
Caltha palustris																							
Calypso bulbosa																							
Campanula rotundifolia																							
Carex arctata																							
Carex aurea																							
Carex brunnescens																							
Carex canescens																							

[illegible]

[illegible]

University of Wisconsin
STAND NO. 80

	P	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0		
Geum aleppicum																							
Geum canadense																							
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																							
Heracleum maximum																							
Heuchera richardsonii																							
Hieracium aurantiacum																							
Hieracium canadense	✓									✓												1	7
Hieracium pratense																							
Hieracium scabrum																							
Ilex verticillata																							
Impatiens capensis																							
Iris lacustris																							
Isopyrum biternatum																							
Juniperus communis																							
Juniperus horizontalis																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus																							
Ledum groenlandicum	✓																					1	
Lichens spp.	✓		✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓						10	67
Lilium michiganense																							
Linnaea borealis																							
Listera auriculata																							
Listera borealis																							
Listera convallarioides																							
Listera cordata																							
Lobelia inflata																							
Lonicera canadensis																							
Lonicera dioica																							
Lonicera hirsuta																							
Lonicera involucrata																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lonicera villosa	✓									✓												1	7
Luzula acuminata	✓						✓															1	7

[illegible]

[illegible]

[illegible]

[illegible]

PRESENCE LIST

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 80

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
 ✓ *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-80

✓ *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

Morpha
hubsch
Quercus - Low area omit
Brassica - *Cinnam latifolia*
Oryzopsis asperifolia
Carex pedunculata
Luzula acuminata

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 80(1)

TREE SEEDLINGS

09 Abies balsamea
Acer pensylvanicum
7/ Acer rubrum
Acer saccharum
Acer spicatum
Betula lutea
Betula papyrifera

Fagus grandifolia
Larix laricina
Ostrya virginiana
2 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
7 Corylus cornuta
Diervilla lonicera
Dirca palustris
Ilex verticillata
Ledum groenlandicum
Lonicera canadensis
8 Lonicera villosa

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
Taxus canadensis
0987654321 Vaccinium angustifolium
976541 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
84 Aster macrophyllus
Athyrium filix-femina
Botrychium virginianum
09 Carex pensylvanica
Chimaphila umbellata
Chrysanthemum leucanthemum
Circaea alpina
Claytonia caroliniana
Claytonia virginiana
781 Clintonia borealis
08741 Coptis groenlandicum
7654321 Cornus canadensis 890
Cystopteris fragilis
Dicentra canadensis
Dicentra cucullaria
Dryopteris disjuncta
Dryopteris phegopteris

Dryopteris spinulosa
653/ Epigaea repens
Epilobium angustifolium
Equisetum sylvaticum
Erythronium americanum
Fragaria vesca
0974 Fragaria virginiana
Galium aparine
07 Galium triflorum
Gaultheria hispidula
763 Gaultheria procumbens
Gentiana quinquefolia
Geranium maculatum
Goodyera repens
Habenaria obtusata
Halenia deflexa
Hepatica acutiloba
Hepatica americana
Hieracium aurantiacum
Linnaea borealis
Lycopodium annotinum
0 Lycopodium clavatum
5 Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
0987654321 Maianthemum canadense
Medeola virginiana
1 Melampyrum lineare
Mitchella repens
Mitella diphylla

Mitella nuda
Monotropa uniflora
Osmorhiza claytoni
Oxalis montana
Oxalis stricta
Polygala paucifolia
Polygonatum pubescens
Prenanthes alba
098754 Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus acris
Rhus radicans
7 Rubus pubescens
Sanguinaria canadensis
Smilacina racemosa
Smilacina stellata
Streptopus roseus
Tiarella cordifolia
05 Trientalis borealis
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
Viola cucullata
096 Viola pallens
Viola pubescens
Viola renifolia
Waldsteinia fragarioides

Additional species

Mypus 1234567890
Luhens 2345679
Carex pedunculata 4
Luzula acuminata 6
Luzula sp. 79

Hieracium canadense 9
Oryzopsis asper 0
Aster umbellatus 0

8 Viola meog

FREQUENCY DATA
(Common Species)

SPRUCE-FIR - MIXED HARDWOODS

STAND NO. 80(2)

TREE SEEDLINGS

Abies balsamea
Acer pensylvanicum
Acer rubrum
Acer saccharum
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
Thuja occidentalis
Tilia americana
Tsuga canadensis

SHRUBS

Alnus rugosa
Arctostaphylos uva-ursi
Comptonia peregrina
Corylus americana
Corylus cornuta
 4 *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
Taxus canadensis
 54321 *Vaccinium angustifolium*
 543 *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
 3 *Clintonia borealis*
 43 *Coptis groenlandicum*
Corallorhiza maculata
 54321 *Cornus canadensis*
Cystopteris fragilis
Dicentra canadensis
Dicentra cucullaria
Dryopteris disjuncta
Dryopteris phegopteris

Dryopteris spinulosa
 2 *Epigaea repens*
Epilobium angustifolium
Equisetum sylvaticum
Erythronium americanum
Fragaria vesca
Fragaria virginiana
Galium aparine
Galium triflorum
Gaultheria hispidula
 54 *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
 54321 *Maianthemum canadense*
Medeola virginiana
Melampyrum lineare
Mitchella repens
Mitella diphylla

Mitella nuda
Monotropa uniflora
Osmorhiza claytoni
Oxalis montana
Oxalis stricta
Polygala paucifolia
Polygonatum pubescens
Prenanthes alba
 4321 *Pteridium aquilinum*
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus acris
Rhus radicans
Rubus pubescens
Sanguinaria canadensis
Smilacina racemosa
Smilacina stellata
Streptopus roseus
Tiarella cordifolia
 3 *Trientalis borealis*
Trillium erectum
Trillium grandiflorum
Uvularia sessilifolia
Viola canadensis
Viola cucullata
 5 *Viola pallens*
Viola pubescens
Viola renifolia
Waldsteinia fragarioides

Additional species

1702 12345
 1702 234

3 *Viola incog*