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Site 3568: Kewaunee County, Township 23N, Range 24E, Section 5. 1953-06-17

[s.l.]: [s.n.], 1953-06-17

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STAND RECORD

FORESTS

Stand No. 3568

Name:

County: Kewaunee

Date: 6-17-53

Size of Stand:

Forest Type: white cedar - ash

Topography: slightly undulating, lowland

Locality:

T: 23N R: 24E Sec: 5

Observers: Christensen

Size of Area Sampled: 20 acres?

Soil Type:

Slope:

Directions

Condition of Stand:

A relatively undisturbed second growth swamp with thick alder, coryus, etc. Many rotten, burned stumps.

Deer tracks & trails were observed. Deer wintered in this area last winter. No particular signs of browsing except on *Acer spicatum* & *Pop. trem.* Some droppings.

Islands of more upland areas (*Thuja*) alternating with more lowland alder swamps.

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									

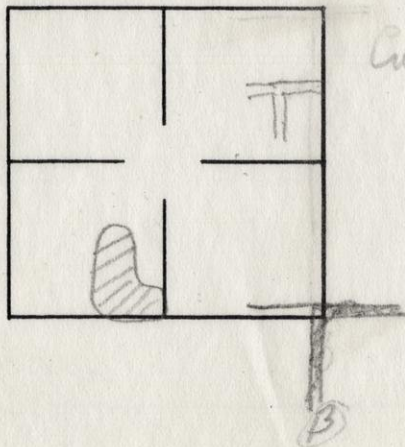
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



White cedar stump BFA = 60" - 55 years old, last 6 rings smaller than others cut this year.

X = browse presence

Northern Pine-Hardwoods

Station Number: 3568

60%

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Lowland C. I.
			-80	-320	321										
Abies bals	P														
Acer rubru	5	10	9	1		435	12	7.50	30	12.5	4.67	6.25	5.91	16.83	117.81 100.98
A. sacchar															
A. spicatu							1	0.63							
Betula lut															
B. papyrif	12	15	15			506	9	5.63		30.0	11.21	9.38	6.88	27.47	123.62 137.35
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba	2	2		2		267			5	5.0	1.87	1.25	3.63	6.75	23.63 30.37
P. grandid	4	4		4		581				10.0	3.74	2.50	7.90	14.14	49.49 70.70
P. tremulo	19	23	15	8		1894	2	1.25	10	47.5	17.76	14.38	25.74	57.88	202.58 260.46
Prunus pen							4	2.50							
Quercus el															
Q. rubra															
→ Alnus rug Tilia amer							58	36.25							
Tsuga cana	8	16	16			514	15	9.38		20.0	7.48	10.00	6.99	24.47	183.53 207.91
Thuja occi	27	49	49			1256	42	26.25		67.5	25.23	29.38	17.07	71.68	143.36 286.72
Ulmus amer	3	3	3			126				7.5	2.80	1.88	1.71	6.39	31.95 35.14
→ Salix U. fulva	3	3	1	2		317	1	0.63		7.5	2.80	1.88	4.31	8.99	26.97 26.97
→ Fraxino	19	29	29			1059	15	9.38	25	47.5	17.76	18.13	14.39	50.28	226.26 251.40
Prunus									5						
Lonic	5	8	8			403	1	0.63		12.5	4.67	5.00	5.48	15.15	15.15 15.15
	107	160	143	17		7358	160	100.03			99.99	100.03	100.01	300.03	1144.35 1423.23

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

45.99

Thuja

26.72

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3568

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum						X		11 5 5 6 6 6	4 6	1
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif	6 10		6	5	6	10				
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand		14								12
P. trem		8 8					12		10	
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can									5 5	8 3 6 1
Thuja occ				4	5	3 5	(4) 1			1 6 2 6
Ulmus amer	8									
U. fulva										
Ahus m	X 4	X 3	X 4	X 4	X 1					
Larix	7		7 10		8					
Ribes am	X		10 10	X						
Trax m	X			5 5	8 X	6 4	7 5	2		
Distance										

inches
est.

none

none

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3568

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum				1						
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals								12		
P. grand						12				
P. trem	8	10	8	14					14	
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	5 6 6 6	10 7 6	4 4 4	6	6 6 6	4 4 4	2 7	10 1	8 5	4 6
Ulmus amer										
U. fulva										
Tax. nigra			4 6	8 2		5 1	6 6	10 7	4 1	4 6
Alnus inc			4			1	6 4	2	4	3
Sabir? alba				12						
Cornus stolon				X					X	X
Distance										

27
763

ova

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3568

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif					4				5	
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals	14									
P. grand										
P. trem	8	8	12 16 16	12	2	14	4			7
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	3	4	5	3	6	6	4	7	7	4
Ulmus amer					7			7		
U. fulva										
Frax nigra			6	10	10	8	7	10	8	4
Larix						8		4	4	2
Cornus rug								10		
Alnus rug										
Distance			4	2	3	4	2	4	2	

33

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3568

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum					4 4				7	5 5
A. sacchar.					6 6					
A. spicatum		1								
Betula lut.										
B. papyrif			6	1		3	4	7	6	2
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand	16									
P. trem	10	10	8				6 4	5		4
Prunus pen.							X 4	X		
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can	7	1	4	4	7	3	9	4	6	1
Thuja occ	4	3	8	2	3			4	4	8
Ulmus amer		(5)								
U. fulva										
Prunus sp										
Alnus										
Distance										

41
1256

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3568
Quadrat No. 1-5

Asplenium 4
Thax 4
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 14
Aster sagittifolius
Athyrium angustum 135
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 345
Epifagus virginiana
Epigaea repens
Epilobium angustifolium 2
Solanum 123
Cornus stolon 12

Fragaria virginiana
Galium lanceolatum
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 245
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 5
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum 4
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 245
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Calamagrostis can 14
Caltha palustris 1
Scutellaria 3

Lycopodium 45
Slypeia 45
Broad-leaf sedge

HERB FREQUENCY

✓ *Frax nigra* 1
Acer rubro 1235

Actaea pachypoda
Actaea rubra .
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 12
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 2
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 3
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 12
Epifagus virginiana
Epigaea repens

Pentstemon 1

NORTHERN PINE-HARDWOODS

✓ *Pop. trem.* 35
Prunus vir. 3
Fragaria virginiana 12
Galium lanceolatum
Galium triflorum 1
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 1
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum 3
Lysimachia quadrifolia
Maianthemum canadense 12
Mitchella repens
Mitella diphylla
Mitella nuda 1
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Stand No. 3568
 Quadrat No. 6-10

Potentilla simplex
Prenanthes alba
Pteridium aquilinum 3
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 5
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 2
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

14 - none

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3568

Quadrat No. 11-15

Actaea pachypoda
Actaea rubra .
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 45
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Epi. ang. 3
Caltha pal. 3
Scutellaria 45

Fragaria virginiana
Galium lanceolatum
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 45
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense /
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Lycopus am. 3
Elymus str. 3
Calamagrostis com

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 5
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Taraxacum 5

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3568
Quadrat No. 16-20

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina

Circaea latifolia

Clintonia borealis

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa

Epifagus virginiana

Epigaea repens

Fragaria virginiana

Galium lanceolatum

Galium triflorum

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 1234

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense

Mitchella repens

Mitella diphylla

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum 1

Rosa sp.

Rubus parviflorus

Rubus (blackberry)

Rubus (dewberry)

Sambucus pubens

Sanguinaria canadensis 3

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

Thalictrum dioicum

Trientalis borealis

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Ellyria stricta 1234
Scutellaria 24
Epi. ang.

Lycopus am 134
Aster punceus 23
Solanum dulc. 4

#5 - none

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3568

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3568

Stand No. 3568

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Cirsium altissimum																							
Claytonia caroliniana																							
Claytonia virginica																							
Clematis verticillaris																							
Clintonia borealis																							
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica																							
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia																							
Cornus canadensis	✓																						
Cornus foemina																							
Cornus rugosa	✓																						
Corydalis sp.																							
Corylus americana																							
Corylus cornuta	✓																						
Cryptotaenia canadensis																							
Cynoglossum boreale																							
Cypripedium acaule																							
Cypripedium parviflorum																							
Cypripedium pubescens																							
Cystopteris fragillis																							
Danthonia spicata																							
Dentaria diphylla																							
Desmodium glutinosum																							
Desmodium nudiflorum																							
Dicentra canadensis																							
Dicentra cucullaria																							
Diervilla lonicera	✓																						
Dirca palustris																							
Dryopteris boottii																							
Dryopteris cristata	✓																						
Dryopteris goldiana																							
Dryopteris disjuncta																							
Dryopteris phegopteris																							
Dryopteris spinulosa	✓			✓	✓	✓	✓	✓															5
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense	✓																						
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicum																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana	✓						✓	✓															2

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3568

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Fragaria vesca																							
Galium aparine																							
Galium boreale																							
Galium circaezans																							
Galium concinnum																							
Galium lanceolatum																							
Galium triflorum	✓						✓															1	
Gaultheria hispidula																							
Gaylussacia baccata																							
Geranium maculatum																							
Gerardia pedicularia																							
Geum canadense																							
Geum rivale																							
Gnaphalium obtusifolium																							
Goodyera oblongifolia																							
Goodyera pubescens																							
Goodyera repens																							
Habenaria bracteata																							
Habenaria orbiculata																							
Hackelia virginiana																							
Malenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus																							
Hepatica acutiloba																							
Hepatica americana																							
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum																							
Hystrix patula																							
Ilex verticillata	✓				✓																	1	
Impatiens biflora	✓		✓		✓✓✓										✓✓✓✓✓							10	
Impatiens pallida																							
Isopyrum bitermum																							
Krigia biflora																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus																							
Lathyrus venosus																							
Ledum groenlandicum																							
Lilium michiganense																							
Linnaea borealis																							
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis																							
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3568

[illegible]

[illegible]

[illegible]

TAPULATION FORM

NORTHERN LOWLANDS

STAND NO. 3568

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3568

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3568

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3568

✓ *Abies balsamea*
 ✓ *Acer rubrum*
Acer saccharum
 ✓ *Acer spicatum*
 ✓ *Amelanchier* sp.
Betula lutea
 ✓ *Betula papyrifera*
Caprinus caroliniana
Carya cordiformis
Crategeus sp.
Fagus grandiflora
Fraxinus americana
 ✓ *Fraxinus nigra*

Fraxinus pennsylvanica
Juglans cinerea
 ✓ *Larix laricina*
Ostrya virginiana
Picea glauca
Pinus banksiana
Pinus resinosa
Pinus strobus
 ✓ *Populus balsamifera*
 ✓ *Populus grandidentata*
 ✓ *Populus tremuloides*
Prunus pennsylvanica
Prunus serotina

✓ *Prunus virginiana*
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
 ✓ *Quercus rubra* seedling
Sorbus decora
 ✓ *Thuja occidentalis*
Tilia americana
 ✓ *Tsuga canadensis*
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

✓ *Actaea pachypoda*
Actaea rubra
Adiantum pedatum
Agrimonia grypsossepala
Allium tricoccum
Alnus rugosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Antennaria sp.
 ✓ *Apocynum androsaemifolium*
Apocynum cannabinum
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arctostaphylos uva-ursi
Arisaema atrorubens
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
Aster lateriflorus
 ✓ *Aster macrophyllus*
Aster prenanthoides
Aster sagittifolius
Aster shortii
Aster umbellatus
 ✓ *Athyrium angustum*
Aureolaria pedicularia
Boehmeria cylindrica
 ✓ *Botrychium virginianum*
Brachyelytrum erectum
Bromus purgans
Campanula americana
Carex albursina
Carex pensylvanica
Caulophyllum thalictroides
Celastrus scandens
Chimaphila umbellata
Chiochione hispidula

Circaea alpina
Circaea latifolia
Claytonia caroliniana
Claytonia virginiana
Clintonia borealis
Convolvulus spithameus
Coptis trifolia
Corallorrhiza maculata
Corallorrhiza striata
Cornus alternifolia
 ✓ *Cornus canadensis*
Cornus femina
Cornus rugosa
Corylus americana
 ✓ *Corylus cornuta*
Cryptotaenia canadensis
Cypripedium acaule
Cypripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
 ✓ *Diervilla lonicera*
Dirca palustris
Dryopteris linneana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
 ✓ *Equisetum arvense*
Erythronium americanum
Fragaria virginiana
Galium aparine
Galium boreale
Galium circaezans
Galium concinnum

Galium lanceolatum
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Goodyera pubescens
Goodyera repens
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Hieracium canadense
Hydrophyllum virginianum
Hystrix patula
Impatiens biflora
Lactuca canadensis
Laportea canadensis
Lappula virginica
Lathyrus ochroleucus
Ledum groenlandicum
Linnaea borealis
Lonicera canadensis
Lonicera hirsuta
Lonicera oblongifolia
Lonicera prolifera
Luzula multiflora
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
 ✓ *Lycopodium obscurum*
Lycopodium tristachyum
Lycopus americanus
Lycopus uniflora
Lysimachia quadrifolia
Maianthemum canadense

Melampyrum lineare	Pyrola elliptica	Smilax herbacea
Mitchella repens	Pyrola rotundifolia	Smilax hispida
Mitella diphylla	Pyrola secunda	Solidago latifolia
Mitella nuda	Ranunculus abortivus	Solidago ulmifolia
Monarda fistulosa	Ranunculus recurvatus	Streptopus amplexifolius
Moneses uniflora	Ranunculus septentrionalis	✓ Streptopus roseus
Monotropa uniflora	✓ Rhus radicans	✓ Taxus canadensis
Myrica asplenifolia	Rhus typhina	Thalictrum dioicum
✓ Onoclea sensibilis	Ribes americanum	Tiarella cordifolia
Oryzopsis asperifolia	Ribes cynosbati	Trientalis borealis
Osmorhiza claytoni	Ribes lacustre	Trillium cernuum
Osmunda cinnamomea	Ribes triste	Trillium grandiflorum
Osmunda claytoniana	Rubus idaeus	Uvularia grandiflora
Oxalis montana	Rubus parviflorus	Uvularia sessilifolia
Panax quinquefolia	Rubus hispidus	Vaccinium angustifolium
Parietaria pennsylvanica	Rubus - blackberry	Vaccinium pennsylvanicum
Parthenocissus vitacea	✓ Rubus - dewberry	Viburnum acerifolium
Pedicularis lanceolata	✓ Rubus - raspberry	Viburnum affine
Phytolacca leptostachya	Sambucus canadensis	Viburnum lentago
Podophyllum peltatum	Sambucus pubens	Viola canadensis
Polemonium reptans	✓ Sanguinaria canadensis	Viola cucullata
Polygala pauciflora	Sanicula gregaria	Viola incognita
Polygonatum commutatum	Schizachne purpurascens	Viola pallens
Polygonatum pubescens	Scutellaria lateriflora	Viola pubescens
Potentilla simplex	Shepherdia canadensis	Vitis aestivalis
Prenanthes alba	Smilacina racemosa	Vitis riparia
Pteretis nodulosa	Smilacina stellata	Waldsteinia fragarioides
✓ Pteridium aquilinum	Smilax ecirrhata	Zanthoxylum americanum

Additional Species:

Glyceria striata
Ilex
Parthenocissus vit.
Osmunda regalis
Dryopteris cristata
Carex tussockensis
Sium suave
Carex intum.
Taraxacum
Skunk cabbage
Aster pumilus
Helle Vitis dioica
Helle Cuscuta muticum
Polygonum cibinod.
Rumex crispus
Butanica