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Site 3214: Hermit Isle #3, Ashland County, Township 39N, Range 6E, Section 2.

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3214

Name: Hermit Isle #3County: Ashland

Locality:

T: 39 N R: 6 ESec: 2Date: July 27Observers: CottamVogelSize of Stand: 100 AcresSize of Area Sampled: 20 Acres

Forest Type:

Soil Type:

Topography:

Slope:

Directions

Condition of Stand: Excellent - very little cutting

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.)

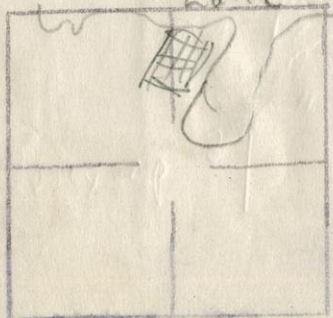
A ₀ 1/2"									
A ₁ 1"									
A ₂ 1 1/2"									
B 2-3"									

BLACK SILT
light + Red sandy clay
"Darker" Red

Parent Material:

Total depth of profile ca 6"

Map:



Northern Pine-Hardwoods

Station Number: 3214

5296 83 13 4153 96

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	4	5	5	-	-	180	5	5.2			7.7	5.2	4.3	17.2	
Acer rubru	3	3	3	-	-	92					5.8	3.1	2.2	11.1	
A. sacchar	5	5	5	-	-	163	7	7.3			9.6	5.2	3.9	18.7	
A. spicatu															
Betula lut	5	7	6	1	-	273	42	43.7			9.6	7.3	6.6	23.5	
B. papyrif	24	62	56	6	-	2621	32	33.3			46.2	64.6	63.1	173.9	
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo	8	10	4	6	-	753	2	2.1			15.4	10.4	18.1	43.9	
Prunus pen							1	1.0							
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	3	4	4	-	-	71	7	7.3			5.8	4.2	1.7	11.7	
Ulmus amer															
U. fulva								99.9			100.1	100.0	99.9	300.0	

AVE. DIST. BTW'N TREES: 11.3

AVE B. A.:

TREES/ACRE: 341.1

DOM./ACRE:

AVE. SAPLING DIST. 16.3

43.3

164.0

14769.6

102.6

POINT RECORD TREES APOSTLE ISLANDS

Point Number	1	2	3	4	5	6	7	8	9	0
Abies balsamea				45		15		50 40		
<i>Handwritten: Hemlock</i>		1	1	1			1	1		
Acer rubrum										
Acer saccharum		45								
Betula lutea	40 40 25 2				90	32				
	2	2	2	3	3	1	1		4	
Betula papyrifera	40 4.0 3.5 2.5 1	32 15 6.5 1	20 5.5 1.8 13 1	50 2.6 16	50 100 8.5 1	17 13 85 3	28 40 70 6.5 1	45	80 7.5 18 18	70 5.5 2
Quercus rubra										
Tsuga canadensis										
Thuja occidentalis								15		18 20
	1						1	3		2
<i>Pop. Tremuloides</i>										
Tree distance	8.0 11.0 5.0 13.5	2.0 8.0 9.5 17.0	5.0 18.0 9.0 7.0	4.0 8.5 15.0 8.0	15.0 12.0 15.0 17.0	9.0 11.5 8.5 13.0	3.5 12.0 7.0 7.0	5.0 12.5 21.5 13.5	16.0 7.5 22.0 17.0	10.0 13.0 17.0 14.5
Sapling distance	6.0 25.0 24.0 14.0	5.0 15.0 20.0 7.5	10.0 12.5 11.5 7.5	6.0 5.0 5.0 19.0	17.0 28.0 15.0 34.0	15.0 30.0 16.0 22.0	16.0 22.0 9.0 13.5	13.0 15.0 17.0 40.0	17.5 19.0 16.5 16.0	6.0 15.0 25.0 25.0

POINT RECORD TREES APOSTLE ISLANDS

Point Number	1	2	3	4	5	6	7	8	9	20
<i>Abies balsamea</i>										
<i>Acer rubrum</i>									40	22
<i>Acer saccharum</i>						13	18			
<i>Betula lutea</i>	30 16	60					35			
<i>Betula papyrifera</i>	90 3	60 85 22 25	35 60 30	12 40 20	15 25 75 35	35 30 25	140 3	28 1	35 18 25	22 100 1
<i>Quercus rubra</i>										
<i>Tsuga canadensis</i>										
<i>Thuja occidentalis</i>	18									
<i>Pop Tremuloides</i>			160	22			100	14 32 90		110
<i>Prunus</i>										
Tree distance	5.0 21.0 13.5 13.5	3.0 3.0 5.0 8.0	5.0 11.5 19.0 10.5	6.0 7.0 7.0 2.5	8.0 6.0 13.5 14.0	11.5 7.5 8.5 9.0	6.0 11.5 11.5 19.0	11.5 18.0 11.5 11.5	3.0 7.0 17.0 19.0	6.0 15.0 9.5 22.0
Sapling distance	14.5 16.5 24.0 7.0	11.5 15.0 18.0 20.0	11.0 24.0 25.0 7.0	12.0 14.5 16.5 9.5	5.0 16.0 13.5 24.0	4.0 22.0 12.5 16.0	12.0 24.0 31.0 46.0	9.0 6.0 32.0 39.0	5.0 8.0 6.0 22.0	14.0 7.0 22.0 23.0

3214

2/2

2/2

2/3

10/25

1/1

5/7

POINT RECORD TREES APOSTLE ISLANDS

3214

Point Number	21	22	23	24	25	26	27	28	29	30
<i>Abies balsamea</i>		30								
<i>Acer rubrum</i>	30✓									
<i>Acer saccharum</i>		17	70							
<i>Betula lutea</i>				45 25						
<i>Betula papyrifera</i>	1 20 35 8	2 15 1	2 22 35 1	11 23 45 1						
<i>Quercus rubra</i>										
<i>Tsuga canadensis</i>										
<i>Thuja occidentalis</i>										
<i>Populus tremuloides</i>	110✓	15	100✓							
Tree distance	6.0 11.5 17.0 8.0	13.0 26.0 9.0 9.5	7.5 14.0 25.0 12.0	8.0 13.5 13.5 28.0						
Sapling distance	9.0 9.5 15.0 28.0	11.0 16.0 14.5 20.0	6.0 11.0 21.0 15.0	28.0 25.0 3.0 9.0						

1/1

1/1

2/2

1/2

4/7

3/3

STAND # 3214

SPECIES	T	H	M	L	O
AS					1 20
AB					12
CC					1 36
BP					1 7
BL	1				17
AC	1	27	15	42	4

96 in all

STAND # 3214

BROWSE CONDITION BY SPECIES %

SPECIES	T	H	M	L	O	TOTAL
CC		33.3	22.2	41.7	2.8	100.0
AS		25.0	15.0	55.0	5.0	100.0
BL	5.9	11.8	5.9	41.2	35.3	100.1
AB		50.0	16.7	33.3		100.0
BP		28.6	14.3	42.9	14.3	100.1
AC				50.0	50.0	100.0

% EACH SPECIES CONTRIBUTES TO EACH BROWSE CATEGORY

	CC	AS	BL	AB	BP	AC	TOTAL
T			100.0				100.0
H	44.4	18.5	7.4	22.2	7.4		99.9
M	53.3	20.0	6.7	13.3	6.7		100.0
L	35.7	26.2	16.7	9.5	7.1	4.8	100.0
O	9.1	9.1	54.5		9.1	18.2	100.0

% EACH SPECIES CONTRIBUTES TO TOTAL BROWSE = CATEGORY / 96

T	H	M	L	O	TOTAL
1.0	28.1	15.6	43.8	11.5	100.0

% BROWSE SPECIES

CC	AS	BL	AB	BP	AC	TOTAL
37.5	20.8	17.7	12.5	7.3	4.2	100.0

STAND.

[illegible]

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3214
Quadrat No. 1-10

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 7
Aralia racemosa
Arisaema atrorubens 1,3,7,9
Aster macrophyllus
Aster sagittifolius 7,9
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina 5,7
Circaea latifolia
Clintonia borealis 1
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 7,9
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris 3
Dryopteris spinulosa 3,5,7,9
Epifagus virginiana
Epigaea repens

Fragaria virginiana 1,3,9
Galium lanceolatum
Galium triflorum 3,7,9
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum 9
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 1,7
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
Rosa sp.
Rubus parviflorus
Rubus (blackberry) 9
Rubus (dewberry) 1,3
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 1,3,7,9
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Urtica sp. 1,5
Carex sp. 3,7

Potamogeton pectinatus 5
Lycopodium clavatum 9

Viola incana 1,3,5,7,9

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3214
Quadrat No. 11-20

<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i> 15, 19	<i>Potentilla simplex</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Prenanthes alba</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i> 11, 17, 19	<i>Pteridium aquilinum</i>
<i>Allium tricoccum</i>	<i>Gaultheria procumbens</i>	<i>Pyrola elliptica</i>
<i>Anemone quinquefolia</i>	<i>Gaylussacia baccata</i>	<i>Pyrola rotundifolia</i>
<i>Aquilegia canadensis</i>	<i>Geranium maculatum</i>	<i>Pyrola secunda</i>
<i>Aralia nudicaulis</i> 13	<i>Geum canadense</i>	<i>Ranunculus recurvatus</i>
<i>Aralia racemosa</i>	<i>Gnaphalium obtusifolium</i>	<i>Rhus radicans</i>
<i>Arisaema atrorubens</i>	<i>Helianthemum</i> sp.	<i>Ribes americanum</i>
<i>Aster macrophyllus</i>	<i>Helianthus strumosus</i>	<i>Rosa</i> sp.
<i>Aster sagittifolius</i> 13	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i> 17
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus</i> (blackberry) 19
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus</i> (dewberry)
<i>Brachyelytrum erectum</i>	<i>Linnaea borealis</i>	<i>Sambucus pubens</i>
<i>Carex albursina</i>	<i>Lonicera oblongifolia</i>	<i>Sanguinaria canadensis</i>
<i>Caulophyllum thalictroides</i>	<i>Lupinus perennis</i>	<i>Sanicula gregaria</i>
<i>Chimaphila umbellata</i>	<i>Lycopodium annotinum</i>	<i>Smilacina racemosa</i>
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i>	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i>	<i>Lycopodium obscurum</i> 13	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i>	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i> 11, 15, 17, 19	<i>Mitella diphylla</i>	<i>Trientalis borealis</i>
<i>Cornus rugosa</i>	<i>Mitella nuda</i>	<i>Trillium grandiflorum</i>
<i>Corylus americana</i>	<i>Monotropa uniflora</i>	<i>Uvularia grandiflora</i>
<i>Corylus cornuta</i>	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i> 11	<i>Oryzopsis asperifolia</i>	<i>Vaccinium pennsylvanicum</i>
<i>Dirca palustris</i>	<i>Osmorhiza claytoni</i>	<i>Viburnum acerifolium</i>
<i>Dryopteris linnaeana</i> <i>disjuncta</i> 17	<i>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i> 11, 15	<i>Polygala pauciflora</i>	<i>Viola pallens</i>
<i>Epifagus virginiana</i>	<i>Polygonatum commutatum</i>	<i>Viola pubescens</i>
<i>Epigaea repens</i>	<i>Polygonatum pubescens</i>	<i>Waldsteinia fragarioides</i>

Actea sp. 13, 17*Cypripedium* 17*Amelanchier* 19*Lycopodium clavatum* 17*Waldsteinia* 13, 17

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3214
Quadrat No. 91-30

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 21
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris 21
Dryopteris spinulosa 23
Epifagus virginiana
Epigaea repens

Acer sp. 23

Fragaria virginiana 21, 23
Galium lanceolatum
Galium triflorum 21, 23
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
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

V. Pou sp 23

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus 21
Rubus (blackberry) 21
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 21
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Viola incog 21

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis 10

Aralia racemosa

Arisaema atrorubens 20

Aster macrophyllus

Aster sagittifolius 15

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina 10

Circaea latifolia

Clintonia borealis 5

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis 35

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera 5

Dirca palustris

Dryopteris distachya 5

Dryopteris phegopteris 10

Dryopteris spinulosa 45

Epifagus virginiana

Epigaea repens

Cystopteris bulbifera 5 ✓

CAREX SP. 10 ✓

GRASS SP. 10 ✓

AMALANCHIAR. SP. 5 ✓

Fragaria virginiana 35

Galium lanceolatum

Galium triflorum 40

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora

Linnaea borealis

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum 5

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum 5

Lysimachia quadrifolia

Maianthemum canadense

Mitchella repens

Mitella diphylla

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni 10

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Lycopodium clavatum 10 ✓

Petasites palmatus 5 ✓

POA SP. 5 ✓

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum

Rosa sp.

Rubus parviflorus 10

Rubus (blackberry) 15

Rubus (dewberry) 10

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis 25

Thalictrum dioicum

Trientalis borealis 25

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Viola INCUB. 40 ✓

DEER DAMAGE REPORT FORM

Stand No. 3214

Pt. No.	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con
1	CC	7	L	CC	16	L	CC	13	M	AS	14	H
2	AB	9	H	CC	7	H	AS	6	L	CC	16	L
3	AB	14	L	BP	9.5	L	AB	9	L	BP	11.5	H
4	BP	9	O	AB	15	M	AB	18	M	BL	4	M
5	AS	16	L	CC	20	L	BL	20	O	BL	10	L
6	CC	21	H	CC	12	H	BL	18	H	AS	20	O
7	AB	13	H	CC	11	H	BL	9.5	H	BP	13.5	H
8	CC	21.5	H	AS	41	M	AB	19	H	AB	28	H
9	CC	5	L	CC	10	M	BL	16.5	L	BL	28	O
10	CC	2	L	CC	7	L	CC	11	M	CC	9	L
11	CC	11.5	H	CC	10	H	CC	18	H	AS	5	L
12	AC	10.5	O	CC	20	H	CC	12.5	H	AS	8	L
13	AC	10	L	AS	12.5	H	AB	9	H	BL	22.5	L
14	BL	2	O	CC	13.5	M	AS	14.0	L	AS	9.5	M
15	AB	9.5	L	BP	8	M	CC	12.5	M	AS	9	H
16	AS	13	H	AC	6	L	BL	6	L	CC	5	H
17	CC	6	H	AS	21	L	AS	16	L	AC	12	O
18	CC	2	L	CC	5	M	AS	7	H	BP	17	L
19	CC	10	L	BL	12	L	CC	4	L	CC	3	L
20	AB	13	L	CC	14	L	CC	15	L	BL	27	O
21	CC	8	M	CC	19	L	BP	16	L	BL	18	L
22	CC	8	O	AB	11	H	AS	13	M	AS	7	L
23	CC	15	M	BL	7	T	BL	7	O	BL	20	O
24	AS	15	L	BL	8.5	L	AS	16	L	AS	7	L
25												
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Ave. dist. 12.5
Browse per acre 278.8

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO.

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
Sorbus decora
Thuja occidentalis
Tilia americana
Tsuga canadensis
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia gryposepala
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
Chiogenes 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 circaeans
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
Mitchella repens
Mitella diphylla
Mitella nuda
Monarda fistulosa
Moneses uniflora
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Osmunda cinnamomea
Osmunda claytoniana
Oxalis montana
Panax quinquefolia
Parietaria pennsylvanica
Parthenocissus vitacea
Pedicularis lanceolata
Phyrma leptostachya
Podophyllum peltatum
Polemonium reptans
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Pteretis nodulosa
Pteridium aquilinum

Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus abortivus
Ranunculus recurvatus
Ranunculus septentrionalis
Rhus radicans
Rhus typhina
Ribes americanum
Ribes cynosbati
Ribes lacustre
Ribes triste
Rubus idaeus
Rubus parviflorus
Rubus hispidus
Rubus - blackberry
Rubus - dewberry
Rubus - raspberry
Sambucus canadensis
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Schizachne purpurascens
Scutellaria lateriflora
Shepherdia canadensis
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata

Smilax herbacea
Smilax hispida
Solidago latifolia
Solidago ulmifolia
Streptopus amplexifolius
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Tiarella cordifolia
Trientalis borealis
Trillium cernuum
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viburnum affine
Viburnum lentago
Viola canadensis
Viola cucullata
Viola incognita
Viola pallens
Viola pubescens
Vitis aestivalis
Vitis riparia
Waldsteinia fragarioides
Zanthoxylum americanum

Additional Species: