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Site 3202: Outer Island #4, Ashland County. 1956-08-12

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3202 ✓

Name: OUTER ISLAND #4

County: ASHLAND CO

Locality: NORTHWEST

Date: AUGUST 1, 1956

T:

R:

Sec:

Size of Stand

Observers:

Size of Area Sampled: 20 ACRES +

Forest Type: Yellow birch & Hemlock

Soil Type:

Topography: Level + some dissecting ravines

Slope:

Directions N → E → S → W

Condition of Stand: NO EVIDENCE OF CUTTING PRESENT, STAND APPEARED TO BE UNDISTURBED. OPENINGS LEFT FROM FALLING TSUGA CONTAINED ACER SPICATUM. SAPLINGS WERE NOT TOO ABUNDANT.

Open Crown Trees:

% Canopy:

Stumps:

1. TSUGA 13' 8"

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	4.5								
A ₁	4.5								
A ₂									
B									

A₀A₁A₂

B

DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

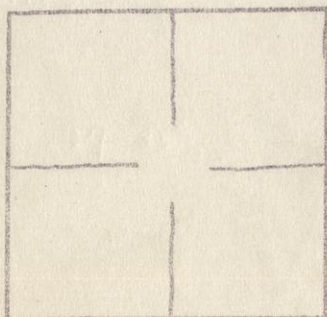
A₀ 1/2" - deadwood leaves.A₁ 1" Black silty 2" at pt 20A₂ 2 1/2" - light Tan - Sandy - Fine B at 20

B

6+" - light, sandy p.d. 307

Parent Material:

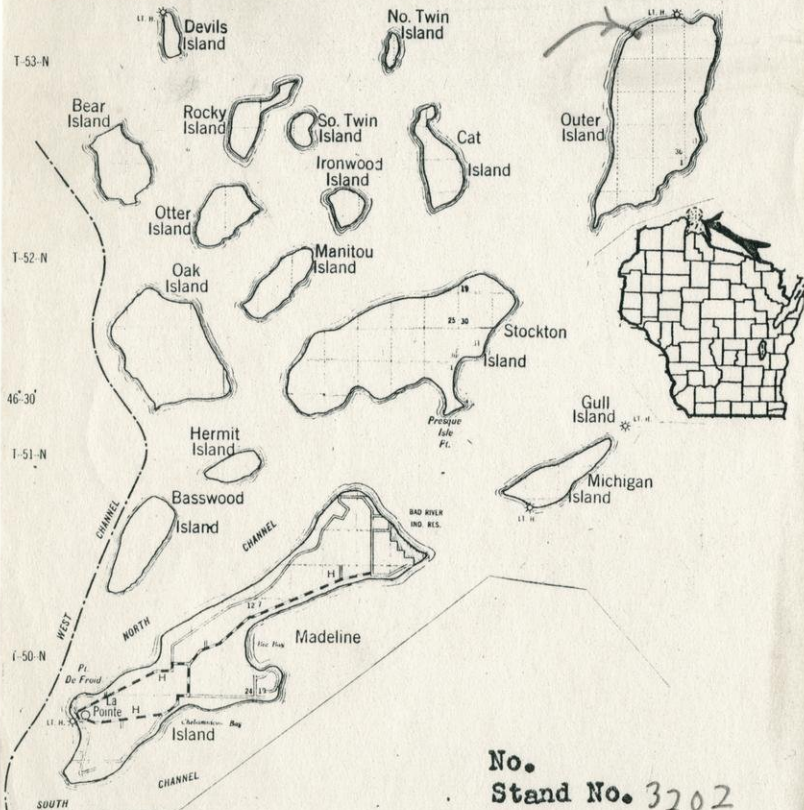
Map:



IN - 35 (low) 34
out 199 (high) 190

Northern WISCONSIN ASHLAND County

APOSTLE ISLANDS in LAKE SUPERIOR



No.
Stand No. 3202
Date:

Collected by

Grant Cottam
Richard J. Vogl

Northern Pine-Hardwoods

101160 55 68 37 36592/160

Station Number: 3202

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	5	5	4	1		288	10	6.3			5.0	3.1	.8	8.9	
Acer rubru															
A. sacchar	9	10	3	5	2	2169	27	16.9			8.9	6.2	5.9	21.0	
A. spicatu															
Betula lut	35	75	24	33	18	16201	37	23.1			34.6	46.9	44.3	125.8	
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana	28	35	9	9	17	1477	47	29.4			27.7	21.9	40.4	90.0	
Thuja occi	21	32	12	20		3025	35	21.9			20.8	20.0	8.3	49.1	
Ulmus amer															
U. fulva															
Pinus aur	3	3	3			132	4	2.5			3.0	1.9	.4	5.3	
								100.1			100.0	100.0	100.1	300.1	

AVE. DIST. BTW'N TREES:

16.9
AVE SAP. DIST. 24.8

AVE B. A.:

228.7

TREES/ACRE:

152.5
70.8

DOM./ACRE:

34876.8
242.2

POINT RECORD TREES APOSTLE ISLANDS

3202

Point Number	1	2	3	4	5	6	7	8	9	10	
<i>Abies balsamea</i>											
<i>Acer rubrum</i>											
<i>Acer saccharum</i>	✓			65 320	✓				360		2/3
<i>Betula lutea</i>	120 130 120 120	100 470 440	270 45 60 90	18 1	90 85	140 180 200	200 85 13	420 450	1	1	7/21
<i>Betula papyrifera</i>											
<i>Quercus rubra</i>											
<i>Tsuga canadensis</i>		360		17	120		540	880		60	6/6
<i>Thuja occidentalis</i>	2	1	2	140	2	1	1		40 65 90 3	110 180 140	4/8
<i>Pyrus americana</i>	1				50			12			2/2
Tree distance	7.0 19.0 26.0 6.0	11.5 15.0 32.0 33.0	42.0 18.5 20.0 15.5	25 31 15 22	12.0 6.0 8.5 26.0	14.5 21.0 28.0 48.0	20.0 43.0 11.0 28.0	5.0 19.0 15.0 34.0	20.0 15.5 6.0 14.0	30.0 22.0 16.0 55.0	
Sapling distance	4.0 9.0 21.5 20.0	32.0 18.0 11.5 20.0	5.0 20.0 3.0 20.0	10.5 38.0 38.0 40.0	6.0 12.5 8.5 17.0	2.5 13.0 8.0 21.5	14.5 25.0 15.0 23.0	16.0 16.5 25.0 38.0	9.0 13.0 22.0 40.0	7.5 23.6 20.0 28.0	

3202

Data Form 106

Plant Ecology Research

University of Wisconsin

POINT RECORD TREES APOSTLE ISLANDS

Point Number	11	12	13	14	15	16	17	18	19	20	
Abies balsamea			75								1/1
	1		2		2		1				
Acer rubrum											
Acer saccharum				150	620	135					3/3
				1					2	1	
Betula lutea	165 525		14	520 405	205 150	240 245	70 30 155	35 110	268 28 48	730 80	9/21
		2	1			275	26	3	1	2	
Betula papyrifera											
Quercus rubra											
Tsuga canadensis		225	25	37				1000	1040 1240	1050 1250	6/6
					1	2	3	1	1		
Thuja occidentalis	130 118	50 125 38	95		86			16		120	6/9
	3	2	1	3	1						
Pyrus americana											1
Tree distance	9 5 13 24	7 25 9 22	6 3 23 12	28 25 2 19	9 7 9 14	4 9 23 24	5 17 6 7	11 10 7 18	24 23 22 19	15 17 10 15	
Sapling distance	7 24 35 53	18 20 30	14 14 25 72	15 18 25 24	25 34 35 34	20 22 20 36	10 23 17 18	17 42 44 44	19 21 52 48	10 16 26 24	

Tsuga stump 13' x 11"

DEER DAMAGE REPORT FORM

Stand No. 3202

Pt. No.	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con
1	Ab	2.5		As	5		As	3		As	3.5	
2	TAX	1.5		TAX	1		TAX	1.5		TAX	4.0	
3	Ac	3.0		Ac	4		As	12.5		TAX	7	
4	As	4		As	4.5		As	3		As	6	
5	Ac	4		Tc	2		Ac	2.5		As	7	
6	As	2		Ac	3		As	3.0		Cc	3	
7	As	3		As	4.5		As	6.5		As	3.0	TAX common but 22'
8	TAX	4.0		As	7-		TAX	5-		As	4	
9	To	3		TAX	1-		As	2		As	5	
10	As	1.5		TAX	3		As	2.5		As	8.0	
11	TAX	1		As	2		TAX	7		As	8	
12	TAX	1		TAX	1-		TAX	3		TAX	7	
13	TAX	3		TAX	2-		TAX	1-		TAX	5	
14	TAX	3		As	1/2		TAX	4		TAX	4	
15	TAX	3		TAX	2-		TAX	1/2		As	2-	
16	TAX	1		TAX	1-		TAX	2		As	1	
17	Tc	1-		Tc	4		As	2-		TAX	3	
18	Tc	1		TAX	3		As	2-		TAX	4	
19	TAX	2		TAX	2		TAX	1-		As	4-	
20	Cc	2-		Cc	3		As	1/2		TAX	4	
21	TAX	3		TAX	3		TAX	6		TAX	5	
22	As	23.5		TAX	8		TAX	6		TAX	12.5	
23	TAX	2		As	2		TAX	3		As	4	
24	To	2		To	1.5		TAX	5		To	4	
25	As	1.5		As	2		TAX	1.5		TAX	4.5	
26	TAX	3		TAX	4		As	5		TAX	6	
27	TAX	4		TAX	5		As	4.5		As	5	
28	As	6		As	3		As	3.5		BL	3.5	
29	TAX	10		TAX	10		As	11.5		As	10.5	
30	TAX	5.5		TAX	5		TAX	5		As	8	
31	As	1.5		TAX	3		Tc	4		As	5	
32	As	1.5		Tc	5		Tc	3		Tc	4	
33	TAX	2.5		TAX	2		TAX	3		As	4	
34	TAX	10		TAX	9		TAX	11.5		TAX	13.5	
35	TAX	1.5		TAX	2		As	4.5		As	7	
36	As	1.5		As	5		As	3		TAX	2.5	
37	As	2		TAX	5		TAX	1		TAX	2.5	
38	BL	3		TAX	4		TAX	3		Tc	4.5	
39	TAX	3		As	6		TAX	6		As	5	
40	As	4		As	4		TAX	5		TAX	5	638.5

Tc - Tsuga canadensis

Ave dist. 3.99
Browse per
acre. 2736.2

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No. 1-10

<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i>	<i>Potentilla simplex</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Prenanthes alba</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i>	<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> 5	<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>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i>
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus</i> (blackberry)
<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> 3	<i>Smilacina racemosa</i>
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i> 1,3,5,7	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i> 3,5	<i>Lycopodium obscurum</i> 5,7,9	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i> 3,5
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i> 5	<i>Taxus canadensis</i> 3,7,9
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i> 1,5
<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>	<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>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i> 1,3,9	<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>

Acer spic 1,3,5,7,9

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3202
Quadrat No. 11-20

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
 11 *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
 17, 13, 11 *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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
 19, 15, 11 *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
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
 11 *Streptopus roseus*
 19, 17, 15, 13, 11 *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

17, 11 *Desmodium*

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3202
Quadrat No. 21-50

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
 21 *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
 21, 23, 21 *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
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
 25 *Lycopodium annotinum*
Lycopodium complanatum
 21 *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
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
 25 *Streptopus roseus*
 27, 25, 23, 21 *Taxus canadensis*, 29
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

29, 23 ACER SPIC.

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3202
Quadrat No. 30-40

Actaea pachypoda	Fragaria virginiana	Potentilla simplex
Actaea rubra	Galium lanceolatum	Prenanthes alba
Adiantum pedatum	Galium triflorum	Pteridium aquilinum
Allium tricoccum	Gaultheria procumbens	Pyrola elliptica
Anemone quinquefolia	Gaylussacia baccata	Pyrola rotundifolia
Aquilegia canadensis	Geranium maculatum	Pyrola secunda
31 Aralia nudicaulis 10	Geum canadense	Ranunculus recurvatus
Aralia racemosa	Gnaphalium obtusifolium	Rhus radicans
Arisaema atrorubens	Helianthemum sp.	Ribes americanum
Aster macrophyllus	Helianthus strumosus	Rosa sp.
Aster sagittifolius	Hepatica acutiloba	Rubus parviflorus
Athyrium angustum	Hepatica americana	Rubus (blackberry)
Botrychium virginianum	Impatiens biflora	Rubus (dewberry)
Brachyelytrum erectum	Linnaea borealis	Sambucus pubens
Carex albursina	Lonicera oblongifolia	Sanguinaria canadensis
Caulophyllum thalictroides	Lupinus perennis	Sanicula gregaria
Chimaphila umbellata	35, 31 Lycopodium annotinum 20	Smilacina racemosa
Circaea alpina	Lycopodium complanatum	Smilacina stellata
Circaea latifolia	39, 35, 33 Lycopodium lucidulum 55	Smilax ecirrhata
37 Clintonia borealis 25	35 Lycopodium obscurum 20	Solidago ulmifolia
Coptis trifolia	Lysimachia quadrifolia	Streptopus roseus 20
Corallorrhiza maculata	33 Maianthemum canadense 10	39, 37, 35, 33, 31 Taxus canadensis 90
Cornus alternifolia	Mitchella repens	Thalictrum dioicum
Cornus canadensis	Mitella diphylla	Trientalis borealis 10
Cornus rugosa	Mitella nuda	Trillium grandiflorum
Corylus americana	Monotropa uniflora	Uvularia grandiflora
Corylus cornuta	Myrica asplenifolia	Uvularia sessilifolia
Cypripedium acaule	Onoclea sensibilis	Vaccinium angustifolium
Diervilla lonicera	Oryzopsis asperifolia	Vaccinium pennsylvanicum
Dirca palustris	Osmorhiza claytoni	Viburnum acerifolium
Dryopteris linnaeana	37 Oxalis montana	Viola canadensis
Dryopteris phegopteris	Phryma leptostachya	Viola cucullata
37, 33, 31 Dryopteris spinulosa 70	Polygala pauciflora	Viola pallens
39 Epifagus virginiana	Polygonatum commutatum	Viola pubescens
Epigaea repens	Polygonatum pubescens	Waldsteinia fragarioides

37, 35, 31: ACER SPIC. 60

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
 Crataegus 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

Ulmus americana

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 phytoecoides
 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
 Cyripedium acaule
 Cyripedium 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~~
~~X 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~~
 Lycopodium americanus
 Lycopodium 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: