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3281

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3237

Name: Oak Island

County: Ashland

Date: July 2, 1957

Size of Stand

Forest Type: White Birch

Topography:

Locality: South end

T:

R:

Sec:

Observers:

Size of Area Sampled:

Soil Type:

Slope: Slight Directions South

Condition of Stand: heavy understory, moderately browsed
Burned stumps throughout

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									

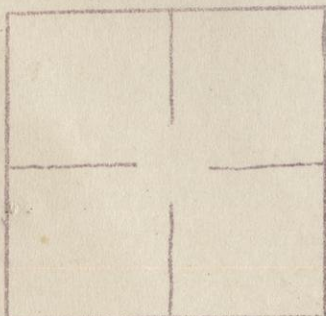
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	3/4	
A ₁	1/4	
A ₂	1/4	
B	sand	

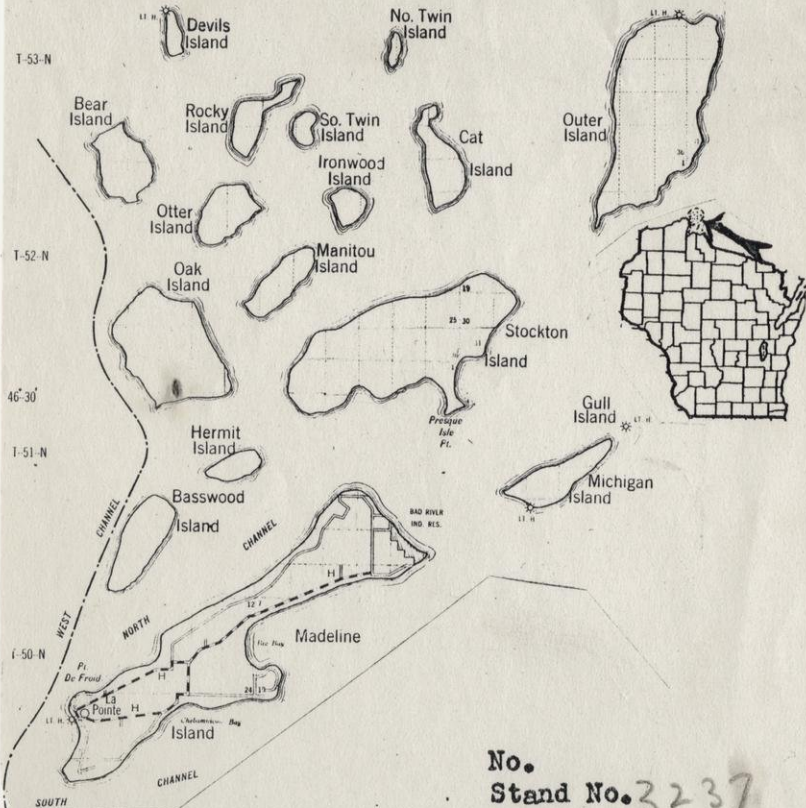
Parent Material:

Map:



R-1-W

APOSTLE ISLANDS in
LAKE SUPERIOR



Collected by

Grant Cottam
Richard J. Vogl

No.
Stand No. 3237
Date: 7-2-57

Northern Pine-Hardwoods

Station Number: 3237

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DEF INDEX	C. I.
			-80	-320	321										
Abies bals	3	3	3			113			20		3.6	1.9	2.1	7.6	
Acer rubru	10	10	10			210	47	29.4	40		12.1	6.3	4.0	22.4	
A. sacchar	10	12	12			204	65	40.6	45		12.1	7.5	3.9	23.5	
A. spicatu															
Betula lut	4	5	5			108	13	8.1	10		4.8	3.1	2.1	10.0	
B. papyrif	37	106	103	3		3739	21	13.1	20		44.6	66.3	71.0	181.9	
Carpinus c															
Fagus gran															
Ostrya vir	1	1	1			27	1	0.6			1.2	0.6	0.5	2.3	
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo	1	1	1			41	2	1.3	10		1.2	0.6	0.8	2.6	
Prunus pen															
Quercus el															
Q. rubra	13	18	18			677	7	4.4	40		15.7	11.3	12.9	39.9	
Tilia amer															
Tsuga cana	1	1		1		90					1.2	0.6	1.7	3.5	
Thuja occi															
Ulmus amer															
U. fulva															
Sorbus	2	2	2			37	3	1.9	10		2.4	1.3	0.7	4.4	
Amelanchier	1	1	1			12	1	0.6	5		1.2	0.6	0.2	2.0	
	83					5258									
															1742

AVE. DIST. BTW'N TREES:

11.0'

AVE B. A.:

32.9

TREES/ACRE:

396.0

DOM./ACRE:

385.5

13,028

sup 11.3'

sup

90.5

POINT RECORD TREES APOSTLE ISLANDS

3237

Point Number	1	2	3	4	5	6	7	8	9	10
<i>Abies balsamea</i>									✓	
<i>Acer rubrum</i>	✓								15 ✓	30
<i>Acer saccharum</i>	11 ✓	22	✓	13	✓		✓	1	11	17
<i>Betula lutea</i>	11	11	111	1	11	111	1		11	111
<i>Betula papyrifera</i>	12 38 45	76 63 22	50 19	14 45 31	19 32 36	20 22	30 22 27 12	21 37 12 47	70 33	26 30
<i>Quercus rubra</i>	80		50	1	17	15 17	✓		43 ✓	
<i>Tsuga canadensis</i>					1	1	11	1		1
<i>Thuja occidentalis</i>										
<i>Sorbus</i>					1					
Tree distance	7 8 15 21	12 5 17 15	3 14 19 12	6 7 15 12	8 14 3 8	14 6 10 8	4 3 12 9	3 5 7 14	14 21 17 32	8 10 23 13
Sapling distance	8 4 31	7 28 4 18	14 7 18 27	5 7 12 11	9 9 10 7	8 12 32 10	12 14 19 11	18 3 9 12	6 15 7 4	8 10 8 4

2

3

1

28
1884

6

983

1358

POINT RECORD TREES APOSTLE ISLANDS

3237

Point Number	1	2	3	4	5	6	7	8	9	20
<i>Abies balsamea</i>						13			70 ✓	
<i>Acer rubrum</i>	14 ✓		12	12		13			✓	
<i>Acer saccharum</i>	11	111	111	1		11	11	1	✓	1
<i>Betula lutea</i>	1			1	111	1	1	111	111	11
<i>Betula papyrifera</i>	31 ✓ 26	51 41 21	52 29 32 1	1	28 32 28 14		12 ✓ 44 36 25	40 22 26 17	48 ✓ 62	72 78 64 42
<i>Quercus rubra</i>	20		✓	13 15 28 1				6	63	
<i>Tsuga canadensis</i>						90				
<i>Thuja occidentalis</i>										
<i>Sabina</i>										1
<i>Pop. tremuloides</i>									1	
<i>Ostrya</i>						27				1
<i>Amelanchier</i>	1 ✓	12								1
Tree distance	8 7 7 16 6 5 6 9	15 8 9 18 6 12 14 10	5 6 8 9 1/2 7 6 8	9 7 15 10 11 10 11 18	8 7 5 9 4 6 5 16	6 4 12 11 4 4 24 25	2 2 8 12 12 11 23 8	5 5 13 13 18 19 20	92 19 12 35 10 22 13 15	5 5 9 10 1/2 11 30 8 1/2 7 1/2
Sapling distance										

28
473

5

1

1

1

1364

865

POINT RECORD TREES APOSTLE ISLANDS

3237

Point Number	31	32	33	34	35	36	37	38	39	40
<i>Abies balsamea</i>										
<i>Acer rubrum</i>	✓	26		19		45	✓			
<i>Acer saccharum</i>	15 22 15 11	111 1	1	1	111	11	111	1	13	111
<i>Betula lutea</i>								12 30		14
<i>Betula papyrifera</i>	35 1	20 36 43	45 37 46 111	42 12	35 27 53 25	21 31	24 50 35 1	1	17 42 21	21 68 25 1
<i>Quercus rubra</i>	✓		✓			12	35	40 35		
<i>Tsuga canadensis</i>										
<i>Thuja occidentalis</i>										
<i>Sorbus</i>	✓		13					1		
<i>Pop. tremula</i>	✓			41						
Tree distance	8 5 12 18	6 4 15	6 8 10 10	10 4 7 6	4 7 11 15	12 18 16 16	9 5 12 16	2 7 8 16	7 15 7 22	8 7 11 15
Sapling distance	8 10 25 25	8 12 3 12	10 10 8 12	7 7 8 10	11 22 24 10	9 14 11 11	6 4 4 11	8 2 8 11	5 3 12 13	9 8 6 9

3

4

3

24

4

1

1

1762

386

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3237
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> 3, 5	<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> 1, 9	<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 sp.</i>	<i>Ribes americanum</i>
<i>Aster macrophyllus</i> 1, 3, 5, 7, 9	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i> 5, 7, 9
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i> 3
<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> 1	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i> 3, 5	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i> 5
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i> 1, 5, 7	<i>Taxus canadensis</i>
<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, 3
<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> 3	<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>	<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, 5

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3237
Quadrat No. 11-20

<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> 11, 13, 19	<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> 11, 13, 15, 17, 19	<i>Helianthus strumosus</i>	<i>Rosa</i> sp.
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i> 15, 17
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus</i> (blackberry)
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus</i> (dewberry) 15, 19
<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> 11, 13	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i> 15	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i> 15
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i> 11	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i> 11, 15, 17
<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> 15	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i> 19	<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>	<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 13, 17, 19

X, 19

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3237
Quadrat No. 2130

<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> 27, 29
<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> 23, 25, 27, 29	<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> 21, 23, 25, 27, 29	<i>Helianthus strumosus</i>	<i>Rosa</i> sp.
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i> 29
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus</i> (blackberry)
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus</i> (dewberry) 29
<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> 21	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i> 29
<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>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i> 25, 27, 29
<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> 23	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i> 21, 25	<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> 29	<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 sp. 21, 25, 27, 29*Solidago?* 29

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3237
Quadrat No. 31-40

<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> 35, 37, 39
<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> 31, 33, 37	<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 sp.</i>	<i>Ribes americanum</i>
<i>Aster macrophyllus</i> 31, 33, 35, 37, 39	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i> 33
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i> 31
<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> 33, 37	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i> 31
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i> 33, 35, 37, 39	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i> 31, 33, 35	<i>Mitella diphylla</i>	<i>Trientalis borealis</i> 31, 33, 35, 37
<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> 33, 39	<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>	<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>

Aster sp. 31

X. 31

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3237

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 pennsylvanica
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:

DEER DAMAGE REPORT FORM

Stand No. 3237

Pt. No.	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con
1	AS	23	M	AC	3	M	AC	23	H	AC	5	H
2	AB	2	O	AR	4	L	AB	1	O	AS	1	O
3	AS	3	L	DL	2	H	RR	1	O	DL	1/2	H
4	RD	0	L	BL	3	L	BL	5	O	BL	3	M
5	AR	0	O	AS	1	H	CE	1/2	L	AR	1/2	M
6	AS	1	M	OR	1	H	AS	3	M	QR	8	L
7	RD	13	M	BP	3	O	RP	1	L	RP	2	L
8	AS	0	O	AC	1	L	OR	1/2	L	RP	3	L
9	AB	1/2	H	AR	1	O	AS	1/2	M	AS	3	L
10	AR	2	L	AR	1	O	AS	2	H	AS	3/2	M
11	CC	3	M	AS	1	O	AS	2	M	AS	3 1/2	L
12	X	0	M	BP	1/2	M	BP	0	L	OR	2	L
13	AS	0	O	AC	1	H	AR	1	M	AC	2	O
14	AR	1	H	BP	1	L	BP	2	O	RP	2	L
15	AS	1/2	L	CC	1/2	L	BP	1/2	L	CC	1/2	O
16	AR	2	M	RD	3	O	AC	1	L	AC	3	H
17	AS	1/2	O	BP	1	H	CC	1	L	AS	1	O
18	AC	0	O	AC	1	M	AC	1/2	H	AS	2	M
19	BL	1/2	L	AB	1/2	L	AB	1/2	L	DL	1/2	L
20	AB	1/2	O	OR	1/2	H	AB	2	L	BL	2 1/2	L
21	DL	1/2	H	BL	2	L	DL	1	M	AS	3	L
22	AR	1/2	M	BP	1	H	BL	1	M	BL	1 1/2	L
23	CC	0	L	CC	0	L	CC	2	L	CC	0	L
24	DL	1	H	RB	1	M	RB	1	O	DL	4	T
25	AC	1/2	L	BL	1/2	O	AB	1	O	AC	3	M
26	AB	0	M	AB	1	L	OR	3	H	CC	3	M
27	AR	2	O	AR	1	M	BL	2	O	X	3	M
28	AS	1/2	T	CC	2	O	AS	5	M	SP	5	M
29	AC	1	M	RD	1	H	AS	3	M	RP	1	H
30	X	1	M	AS	3	L	AR	2	H	AB	2	L
31	PT	2	H	X	1	L	BP	1	L	OR	2	L
32	OR	1	M	AC	2	L	AR	2	O	DL	1	L
33	OR	1	M	OR	1	M	RP	1	O	RP	1	O
34	BP	4	L	AR	3	H	BP	4	M	PT	3	L
35	AS	3	M	AB	7	L	AS	5	M	AS	5	H
36	AB	1/2	L	AS	1/2	M	AS	1	L	AS	2	L
37	OR	1	L	AR	1/2	H	AB	2	M	AB	3	L
38	AS	1	H	AR	0	L	AB	0	L	AS	2	M
39	DL	1/2	H	AR	2	M	X	3	M	RP	3	L
40	AS	1/2	M	AS	1	M	AS	5	H	AR	5	L

RB Rubus blackberry