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Site 3290: Sand Island, Bayfield County. 1957-08-02

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3290

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3246

Name: Sand Island Locality: north point
 County: Bayfield T: R: Sec:
 Date: August 2, 1957 Observers: Beals, Cottam, Cook, Rogers,
 Size of Stand: Size of Area Sampled:
 Forest Type: Yellow Birch-Mtn Ash Soil Type:
 Topography: Slope: Directions:

Condition of Stand:

Open Grown Trees:

Stumps:

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

Soil Data:

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

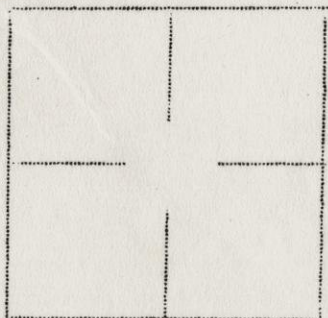
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	1/2	
A ₁	1/2	
A ₂	1/4	
B	light red sand	

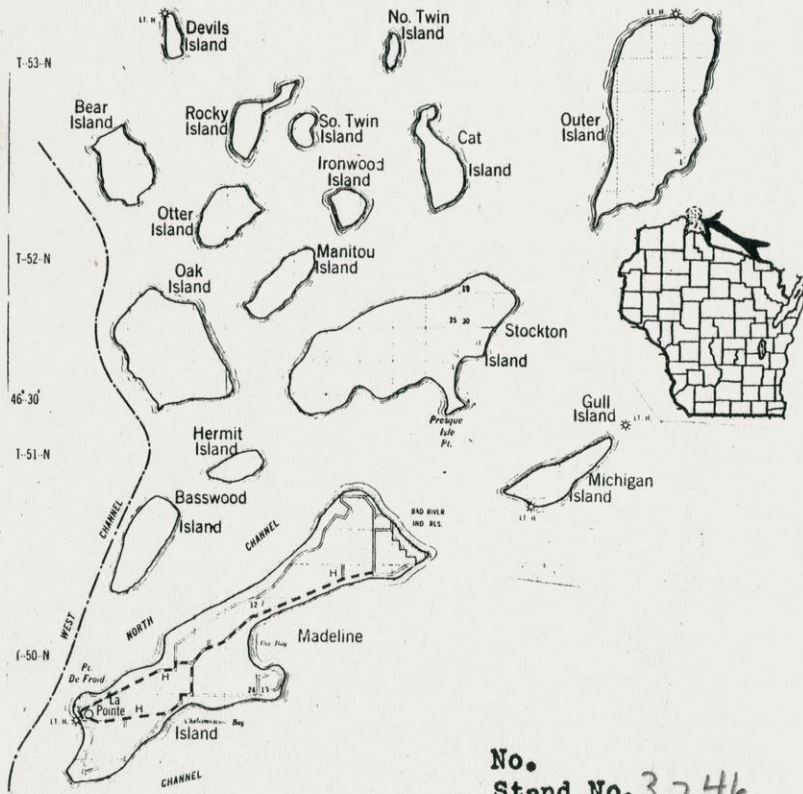
Parent Material:

Map:



**Northern WISCONSIN
ASHLAND County**

**APOSTLE ISLANDS in
LAKE SUPERIOR**



Collected by

No.
Stand No. 3246
Date: August 2, 1957

TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3246

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	12	17	11	6		1378	18	11.6			12.8	10.6	6.5	29.9	
Acer rubru	3	3	2	1		205	2	1.3			3.2	1.9	1.0	6.1	
A. sacchar	7	7	1	4	2	1617	1	0.6	5		7.4	4.4	7.6	19.4	
A. spicatu															
Betula lut	35	62	28	23	11	13946	18	11.6			37.2	38.8	66.0	142.0	
B. papyrif	6	7	2	5		720	2	1.3			6.4	4.4	3.4	14.2	
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen							1	0.6							
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi							2	1.3							
Ulmus amer															
U. fulva															
Amelanchier	3	3	3			105	4	2.6			3.2	1.9	0.5	5.6	
Sorbus ^{americana}	28	61	48	13		3160	107	69.0			29.8	38.1	15.0	87.9	
	94					155									
						20131									

AVE. DIST. BTW'N TREES:

17.3'

AVE B. A.:

132.1

TREES/ACRE:

251.8

DOM./ACRE:

33,263

200 35.7'

200 122.0

231.0

POINT RECORD TREES APOSTLE ISLANDS

3246

Point Number	1	2	3	4	5	6	7	8	9	10
Abies balsamea			1							
Acer rubrum						27				
Acer saccharum		120				1			215	
Betula lutea	140	130	110		385	46 90 35	250 102 11	65	110	120 90 80 111
Betula papyrifera										85
Quercus rubra										
Tsuga canadensis										
Thuja occidentalis										
Sorbus	20 60 55 111	45 22 111	14 120 90 111	55 60 110 118	42 25 30 111		15 19 11	13 25 20 11	28 75 11	
Prunus serotina				1						
Amelanchier						1				
Tree distance	4 5 15 6	2 10 20 23	5 7 22 29	3 14 33 28	12 14 16 44	5 12 11 10	8 16 12 23	5 15 9 21	6 19 26 14	12 12 13 16
Sapling distance	2 19 25 46	19 55 21 36	8 29 16 80	14 28 14 46	12 40 41 48	12 26 18 28	7 12 19 41	34 15 18 9	14 47 20	14 16 19 17

POINT RECORD TREES APOSTLE ISLANDS

Point Number	1	2	3	4	5	6	7	8	9	20	
<i>Abies balsamea</i>				65		38	90				3
<i>Acer rubrum</i>	1							38			1
<i>Acer saccharum</i>					330			240	62	250	4
<i>Betula lutea</i>	33 170 150 1	180 85	180 60	105		840	70 55	820 50	680	580	15
<i>Betula papyrifera</i>		11 80 80	190	90		85					5
<i>Quercus rubra</i>										1	
<i>Tsuga canadensis</i>											
<i>Thuja occidentalis</i>											
<i>Sorbus am.</i>	35		45	35	32 60		40✓	11	115	90 20	9
(35' high) <i>Amelanchier</i>	1	11	1111	1111	111 42	111 45	111	11	1111 18	1111	3
Tree distance	16 23 9 2	12 21 27 11	13 33 17 39	11 7 15 41	7 13 21 27	17 38 9 23	17 25 15 22	13 12 30 24	7 13 22 24	24 12 31 20	1350
Sapling distance	6 28 39 31	8 17 15 75	45 13 60 14	23 14 23 28	23 33 19 50	25 38 25 85	10 40 40 50	16 108 25 30	28 14 38 80	31 18 53 94	4718

POINT RECORD TREES APOSTLE ISLANDS

Point Number	21	2	3	4	5	6	7	8	9	30
<i>Abies balsamea</i>	170	2	100 75 60	1				1		
<i>Acer rubrum</i>									140	1
<i>Acer saccharum</i>							400			
<i>Betula lutea</i>		30 30	130	190	100 35	35 240	25 35 300	700	1	45 80
<i>Betula papyrifera</i>										
<i>Quercus rubra</i>										
<i>Tsuga canadensis</i>										
<i>Thuja occidentalis</i>										
<i>Sorbus americana</i>	19 35 55	30 80	25 85 80	25 95	120 35	50 35	3 60 55	17 140 30	2 3	40 30 50
Tree distance	11- 6- 15- 13	14 5 24 10	8 9- 13 18	9 3 10- 29	6 5 17 21	16 27 7 27	35 23 23 13	4 19 19 24	9 6 21 15	13 17 11 8
Sapling distance	6 19 16 23	10 19 21 40	16 33 27 17	15 13 29 32	24 23 21 24	9- 13- 19 11	25 60 37 45	36 26 50 25	10- 30 40 19	8 21 36 14

Amelanchier - BA = 50

3246

4

1

1

14

0

20

1945

3252

3246

Data Form 106

Plant Ecology Research

University of Wisconsin

POINT RECORD TREES APOSTLE ISLANDS

Point Number	31	2	3	4	5	6	7	8	9	10			
Abies balsamea	2		1	45	80 140	140	30 30 70	40	40	65	2	10	
Acer rubrum												0	
Acer saccharum												0	
Betula lutea	25 50 90	1	380 640	35 700	580 520	700 150 290	300	330 270	330	580 80 150		19	
Betula papyrifera	110											1	
Quercus rubra													
Tsuga canadensis													
Thuja occidentalis													
Sorbus americana	1	16 20 40 35	4	35 90	3	140	4	4	2	2	95 2100 15	2	10
Tree distance	8 22 29 16	8 9 6 22	6 13 10 16	10 20 38 46	24 37 30 14	55 42 22 46	9 13 19 22	9 15 16 18	17 22 13 16	20 12 9 34		2760	
Sapling distance	24 33 32 11	8 31 60 35	13 16 33 60	48 73 80 101	43 57 70 58	21 70 70 58	72 64 70 58	53 75 31 55	24 55 40 55	23 11 45 12		2288	

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3245
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>	<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> 5
<i>Aster macrophyllus</i>	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<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>	<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> 5	<i>Lycopodium obscurum</i> 9	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i> 5	✓ <i>Taxus canadensis</i> 1,3579
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<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>	<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> 1	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
✓ <i>Dryopteris spinulosa</i> 157	<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>

Run spc 159

Viola incognita 5

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3242
Quadrat No. 1120

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 11,
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 11,
 Cornus rugosa
 Corylus americana
 Corylus cornuta
 Cypridium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa 11 19
 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
 Lycopodium lucidulum 19
 Lycopodium obscurum 17
 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 11,
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry)
 Rubus (dewberry)
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata
 Solidago ulmifolia
 Streptopus roseus
 Taxus canadensis 11, 13, 15, 17, 19
 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

Acer spic 13, 15, 17

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No. 21-30

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
Aralia nudicaulis	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	Lycopodium annotinum	Smilacina racemosa
Circaea alpina	Lycopodium complanatum	Smilacina stellata
Circaea latifolia	Lycopodium lucidulum	Smilax ecirrhata
// Clintonia borealis	/ Lycopodium obscurum	Solidago ulmifolia
Coptis trifolia	Lysimachia quadrifolia	Streptopus roseus
Corallorrhiza maculata	Maianthemum canadense	//// Taxus canadensis
Cornus alternifolia	Mitchella repens	Thalictrum dioicum
Cornus canadensis	Mitella diphylla	Trientalis borealis
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	Oxalis montana	Viola canadensis
Dryopteris phegopteris	Phryma leptostachya	Viola cucullata
/// Dryopteris spinulosa	Polygala pauciflora	Viola pallens
Epifagus virginiana	Polygonatum commutatum	Viola pubescens
Epigaea repens	Polygonatum pubescens	Waldsteinia fragarioides

/ Acer spicatum

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3246
Quadrat No. 31-40

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
Aralia nudicaulis	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	Lycopodium annotinum	Smilacina racemosa
Circaea alpina	Lycopodium complanatum	Smilacina stellata
Circaea latifolia	Lycopodium lucidulum	Smilax ecirrhata
Clintonia borealis	/ Lycopodium obscurum	Solidago ulmifolia
Coptis trifolia	Lysimachia quadrifolia	Streptopus roseus
Corallorrhiza maculata	Maianthemum canadense	### Taxus canadensis
Cornus alternifolia	Mitchella repens	Thalictrum dioicum
Cornus canadensis	Mitella diphylla	Trientalis borealis
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	Oxalis montana	Viola canadensis
Dryopteris phegopteris	Phryma leptostachya	Viola cucullata
// Dryopteris spinulosa	Polygala pauciflora	Viola pallens
Epifagus virginiana	Polygonatum commutatum	Viola pubescens
Epigaea repens	Polygonatum pubescens	Waldsteinia fragarioides

- Acer saccharum

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

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 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
Phyrma 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:

DEER DAMAGE REPORT FORM

Stand No. 3246

TX = TAX
SA = Sorbus

Pt. No.	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con
1	TAX	5		TAX	5		TAX	2 1/2		TAX	6	
2	TAX	3		TAX	3		TAX	4		TAX	3 1/2	
3	TAX	1 1/2		TAX	1		TAX	1 1/2		TAX	0	
4	TAX	1/2		TAX	2		TAX	1/2		TAX	1/2	
5	TX	2		SA	4		TX	3		TX	1/2	
6	TX	3		TX	3		Ac	5		TX	1/2	
7	TX	1		TX	1 1/2		TX	1		TX	1	
8	TX	1		TX	1/2		TX	1		TX	1/2	
9	Ac	1		TX	0		Ac	1 1/2		Ac	1	
10	SA	5		BA	13		Ac	15		TX	15	
11	TX	2		AB	5		Ac	6		TX	3	
12	TX	1/2		TX	1/2		TX	1		TX	0	
13	TX	1/2		TX	0		TX	1		Ac	1	
14	TX	1		TX	0		TX	0		TX	1/2	
15	TX	0		TX	0		TX	1/2		TX	1/2	
16	TX	1		TX	1/2		TX	1/2		TX	0	
17	TX	0		TX	1/2		TX	0		TX	0	
18	TX	1/2		TX	1		TX	1		TX	1/2	
19	TX	1/2		TX	1/2		TX	1		TX	1/2	
20	TX	1		TX	1/2		TX	0		TX	1/2	
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Arr. ds. 3.20

DEER DAMAGE REPORT FORM

Stand No. 3246

299

512

Pt. No.	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con	Sp	Dis	Con
21 1	T	3		T	1		T	3		T	4	
2	T	5		AS	5		T	4-		T	8	
3	T	2		AS	3		AS	4		T	4	
4	T	2		T	3		T	5		T	4	
5	T	3		T	3-		T	6		PA	5	
6	T	3		AS	2		T	2-		T	3-	
7	AS	2		T	3		T	4		T	4	
8	T	2		T	2		AS	4-		T	8	
9	AS	5		T	8		T	7		T	4	
10	T	1-		T	2		T	3		T	6	
11	T	4		AS	4		T	6		T	6	
12	T	0-		AS	6		AS	6		PA	8	
13	AS	8		PA	6		AS	8		AS	6	
14	AS	4		AS	2		AS	12		T	7	
15	AS	5		T	4		T	1		T	3	
16	AS	5		T	5		AS	7		AS	7-	
17	CC	5		AS	5		T	8		AS	8	
18	AS	2-		T	6		T	6		AS	9	
19	AS	5		T	2		T	5		T	4	
20	T	1		T	2		T	0		T	5	
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PA = Sorbus americana
 J = Amelanchier