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Site 3607: Bayfield County, Township 50N, Range 7W, Section 30. 1953-07-27

[s.l.]: [s.n.], 1953-07-27

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Yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3607

Name: Flag yard

County: Bayfield

Date: 7-25-53

Size of Stand:

Forest Type:

Topography: undulating with standing water in places. Essentially lowland.

Condition of Stand:

No recent cutting, but many old rotting small stumps.

A very heavily used yard in the past. Use the last year or two somewhat lighter. all balsams highlined and maples & Frax. nigra used very hard.

Locality:

T: 50N R: 7W Sec: 30

Observers: Christensen

Size of Area Sampled:

Soil Type:

Slope:

Directions

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

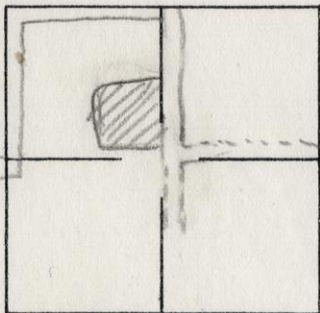
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

X = Browse presence

Map:



Yard

Northern Pine-Hardwoods

est.

Station Number: 3607

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	16	23	23			696	19	12.18	20	40.0	17.58	14.38	9.32	41.28	123.84 185.76
Acer rubru	14	16	11	5		1291	8	5.13	25	35.0	15.38	10.00	17.21	42.59	298.13 255.54
A. sacchar	1	1		1		113	2	1.28		2.5	1.10	0.63	1.51	3.24	32.40 32.40
A. spicatu									10						
Betula lut															
B. papyrif	5	6	5	1		284	4	2.56	5	12.5	5.49	3.75	3.80	13.04	58.68 65.20
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	1	1	1			38				2.5	1.10	0.63	0.51	2.24	5.60 8.96
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo	33	73	62	11		3235	79	50.64	20	82.5	36.26	45.63	43.40	125.29	438.52 438.52
Prunus pen															
Quercus el															
→ Salix Q. rubra							2	1.28							
→ Slax Tilia amer							1	0.64							
→ Prunus Tsuga cana							2	1.28							
Thuja occi	5	8	7	1		349				12.5	5.49	5.00	4.67	15.16	30.32 60.64
Ulmus amer	2	2	2			101				5.0	2.20	1.25	1.35	4.80	24.00 26.40
Ulmus rug U. fulva							17	10.90							
Prunus vir							3	1.92	5						
Frag. nig	13	29	26	3		1346	19	12.18	5	32.5	14.29	18.13	18.03	50.45	227.03 252.25
Sorbus dec	1	1	1			13				2.5	1.10	0.63	0.17	1.90	5.70 5.70
	91	160	138	22		7466	156	99.99			99.99	100.03	99.97	299.99	1244.22 1331.37

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

46.66

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3607

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

13
38417
978

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3607

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam		55	X	8			6 X			X
Acer rubrum	10	6	(9)	1	X	10	X	13	X	
A. sacchar.			12				1			
A. spicatum				X				X		
Betula lut.										
B. papyrif	6									
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	{ 4 5 4 4	3	{ 4 4 4	4	1 5 3	{ 4 4 4	6 3 14	5 4 4	5 4 4	{ 4 4 4
Prunus pen.						(4)	(9)		(5)	(4)
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ					12			5		7
Ulmus amer										
U. fulva										
Corylus can		X	X			X		X	X	X
Rubus parv		X	X				X	X	X	X
Trax mpa				4 X	10		X			
Distance			X	7 12	X		X		X	X

73
69673
3235

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3607

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	7	6					5		8	
Acer rubrum	X			X	14		X		12	
A. sacchar.	X								14	
A. spicatum	X	X					X		X	X
Betula lut.										
B. papyrif	13									
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau			7							
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	13	X	3	3	5	8	11	X	7	13
Prunus pen.	13	1				10		10		3
Quercus ell						10		8		
Q. rubra						12		7		
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus com		X		X	X	X		X	X	
Rasp	X		X	X	X				X	X
Ribes		X								
Lon. Can	X					X	X			X
Distance										

17
52031
2043

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3607

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam				7	5					
Acer rubrum		12	X	7	1	X	6	(5/5/6)	(7)	X
A. sacchar.										
A. spicatum	X	X	X		X	X	X	5	X	
Betula lut.										
B. papyrif					X		7	5		1
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	12 10 11	5 4 (4)	4 (4) (5)	X 4	4	X 4	5 5 4	X 4 (4)	4 5 (4)	5 4 (4)
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer				4	X					
U. fulva										
Corylus com	X		X			X	X	X		X
Lon Can	X						X	X	X	
Rubus por	X	X	X							X
Distance	2									

19
57851
2633

	1	2	3	4	5	6	7	8	9	10
Frax	6			7	{12 8 7	3 {5 5 4			X	
Ribes lac										
Rasp		X	X	X	X	X	X			X
Drewella			X							
Ilex vert.					X			X		
Prunus ver					X					
Ribes glab hudson							X			
Vib affine									X	
Blackberry										X
STATION NO.	1	2	3	4	5	6	7	8	9	10

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

STATION NO.

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3607
Quadrat No. 1.5

Pop. trem. 124
Acer rubrum 5
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 4
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 12
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 4
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera 13
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 5
Epifagus virginiana
Epigaea repens

Fragaria virginiana 12
Galium lanceolatum
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense 3
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana 12
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 1
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Oncoclea sensibilis
Oryzopsis asperifolia 12
Oxalis montana
Oxalis 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. 3 *hudson*
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 35
Sambucus pubens 4
Sanguinaria canadensis 4
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 3
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Calamagrostis can. 12345
Taraxacum 12
Schizachne
purpurascens 1
Aster sagittif. 2
Phleum
Solidago 234 *canadensis*

Bromus pumilus 2
Lathyrus 3 *ochroleucus*
Equisetum arvense 4
Anaphalis 4
Ribes triste 5

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3607
Quadrat No. 6-10

Abies 4
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 34
 Aralia racemosa 1
 Arisaema atrorubens
 Aster macrophyllus 1345
 Aster sagittifolius
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis 5
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 5
 Cornus rugosa
 Corylus americana
 Corylus cornuta 3
 Cypripedium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa 2
 Epifagus virginiana
 Epigaea repens

Fragaria virginiana 234
 Galium lanceolatum
 Galium triflorum 1
 Gaultheria procumbens 23
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana
 Impatiens biflora 2
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis 13
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense 135
 Mitchellia repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia 5
 Osmorhiza claytoni
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens 4

Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum 134
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 Rosa sp.
 Rubus parviflorus 34
 Rubus (blackberry)
 Rubus (dewberry) 35
 Sambucus pubens 1235
 Sanguinaria canadensis 2
 Sanicula gregaria
 Smilacina racemosa 4
 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 45
 Viola pubescens
 Waldsteinia fragarioides

over
 Calamagrostis 123
 Lycopodium am 2
 Aste pumilus 2
 " latiflorus 2
 Glycyrrhiza 2
 B. ge. selge 2

Rubus ~~Hydrophyllum~~ like 3606 2
 Laminaria
 S. latiflora 2
 Solidago 4 canadensis
 Lathyrus 4
 P. vulgaris 45
 Carex narrow 4

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3607
Quadrat No. 11-15✓ *Acer spicatum* 1
✓ *Prunus vir* 3✓ *Bet. p. sp.* 4
✓ *Acer rubrum* 45*Actaea pachypoda**Fragaria virginiana* 2*Potentilla simplex**Actaea rubra**Galium lanceolatum**Prenanthes alba**Adiantum pedatum**Galium triflorum**Pteridium aquilinum* 245*Allium tricoccum**Gaultheria procumbens**Pyrola elliptica**Anemone quinquefolia**Gaylussacia baccata**Pyrola rotundifolia**Aquilegia canadensis**Geranium maculatum**Pyrola secunda**Aralia nudicaulis* 35*Geum canadense**Ranunculus recurvatus**Aralia racemosa**Gnaphalium obtusifolium**Rhus radicans**Arisaema atrorubens**Helianthemum sp.**Ribes americanum**Aster macrophyllus* 1345*Helianthus strumosus**Fosa sp.**Aster sagittifolius**Hepatica acutiloba**Rubus parviflorus* 12*Athyrium angustum**Hepatica americana**Rubus (blackberry)**Botrychium virginianum**Impatiens biflora**Rubus (dewberry)* 235*Brachyelytrum erectum**Linnaea borealis**Sambucus pubens* 34*Carex albursina**Lonicera oblongifolia**Sanguinaria canadensis**Caulophyllum thalictroides**Lupinus perennis* 15*Sanicula gregaria**Chimaphila umbellata**Lycopodium annotinum**Smilacina racemosa**Circaea alpina**Lycopodium complanatum**Smilacina stellata**Circaea latifolia**Lycopodium lucidulum**Smilax ecirrhata**Clintonia borealis* 5*Lycopodium obscurum**Solidago ulmifolia**Coptis trifolia**Lysimachia quadrifolia**Streptopus roseus**Corallorrhiza maculata**Maianthemum canadense* 24*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* 1*Myrica asplenifolia**Uvularia sessilifolia**Cypripedium acaule**Onoclea sensibilis**Vaccinium angustifolium**Diervilla lonicera* 2*Oryzopsis asperifolia* 4*Vaccinium pennsylvanicum**Dirca palustris**Osmorhiza claytoni**Viburnum acerifolium**Dryopteris linnaeana**Oxalis montana**Viola canadensis**Dryopteris phegopteris**Phryma leptostachya**Viola cucullata**Dryopteris spinulosa* 3*Polygala pauciflora**Viola pallens**Epifagus virginiana**Polygonatum commutatum**Viola pubescens**Epigaea repens**Polygonatum pubescens**Waldsteinia fragarioides*✓ *Calamagrostis can* 245
✓ *Lycopodium am* 4
✓ *Prunella vulgaris* 4
✓ *Solidago* 5 *Canadensis*

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3607
Quadrat No. 16-20

Frax nigra 1
Alnus 24
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 1234
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 125
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum 4
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 24
Cornus rugosa
Corylus americana
Corylus cornuta 4
Cypripedium acaule
Diervilla lonicera 45
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Pop. trem 2
Fragaria virginiana 3
Galium lanceolatum
Galium triflorum 5
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
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 237
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 1
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Potentilla simplex
Prenanthes alba
Pteridium aquilinum 134
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus 25
Rubus (blackberry) 12
Rubus (dewberry) 1
Sambucus pubens 2345
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

Rosa 1
Solidago 1 canadensis
Calamagrostis can.
Epilobium angustifolium 24

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3607

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

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3607

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3607

[illegible]

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3607

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3607

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3607

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3607

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3607

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

Sax

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:

✓ Epilobium angustifolium
 Phlox patense
 Prunella vulgaris
 Iris vir
 Poa pratensis
 Linn. suave
 Ilex
 Water leaf-like Rudbeckia laciniata
 Caltha palustris
 Scutellaria epilob.
 Slyceria can.
 Big drooping sedge

Bayfield

Flag 7-19-52

Date Form No. 17

Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

- ✓ *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*

NORTHERN PINE-HARDWOODS

- 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*

STAND NO.

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

T50N
R7W
S30

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* (rare)
- 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*

Cor.

7-19-52

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
 Phytolacca leptostachya
 ✓ Podophyllum peltatum
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens
 Potentilla simplex
 Prenanthes alba
 Pteris 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

T50N
 P2W
 530

Additional Species:

Rosa spp

Epilobium ang

~~M. racemosa (pub)~~

Cornus stolonifera

Salix

~~Vac. acifolia~~

Scut

White clover.

Phleum

Big sedge

? ~~Angelica~~ ~~Swain~~ ~~summe~~

Thistle ~~Cuscuta~~ ~~muticum~~

Nemophanthus

Calamagrostis canadensis

Prunella vulgaris

Carex cernita

Anaphalis margaritacea