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Site 3608: Bayfield County, Township 50N, Range 7W, Section 22. 1953-07-28

[s.l.]: [s.n.], 1953-07-28

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Yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3608

Name:

County: Bayfield

Date: 7-28-53

Size of Stand:

Forest Type:

Topography: Undulating with mostly low, moist ground.

Condition of Stand:

Some spotty recent cutting. Many old, rotten, large stumps.

A moderately used deer yard, but all balsams are highlined and Corsus is used slightly.

Locality:

T: 50N R: 7W Sec: 22

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

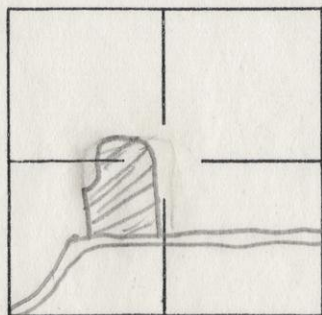
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

X = browse presence

Map:



Plant Ecology Research
TREE DATA SUMMARY SHEET

yard

Northern Pine-Hardwoods

Station Number: 3608

Est

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Lowland	
			-80	-320	321										C. I.	
Abies bals	14	23	21	2		1072	6	4.26	15	35.0	14.43	14.38	9.33	38.14	114.42	171.63
Acer rubru	10	13	9	4		1119	11	7.80	40	25.0	10.31	8.13	9.73	28.17	197.19	169.02
A. sacchar	11	17	15	2		834	41	29.08	10	27.5	11.34	10.63	7.26	29.23	292.30	293.30
A. spicatu							19	13.48	45							
Betula lut	1	1		1		113	1	0.71		2.5	1.03	0.63	0.98	2.64	19.16	19.80
B. papyrif	15	17	15	2		992	3	2.13		37.5	15.46	10.63	8.63	34.72	156.24	173.60
Carpinus c																
Fagus gran																
Ostrya vir							1	0.71	5							
Picea glau	2	2	2			102	1	0.71	5	5.0	2.06	1.25	0.89	4.20	10.50	16.80
Pinus Bank																
P. resinosa																
P. Strobus	3	3		3		422				7.5	3.09	1.88	3.67	8.64	25.92	34.56
Populus ba																
P. grandid																
P. tremulo	31	74	44	30		6145			10	72.5	31.96	46.25	53.46	131.67	460.85	460.85
Prunus pen																
Quercus el																
Q. rubra	3	3	2	1		239				7.5	3.09	1.88	2.08	7.05	59.93	49.35
Tilia amer	1	1	1			64				2.5	1.03	0.63	0.56	2.22	15.54	18.87
Tsuga cana							1	0.71								
Thuja occi							1	0.71								
Ulmus amer	2	2	1	1		163			10	5.0	2.06	1.25	1.42	4.73	23.65	26.01
U. fulva	4	4	3	1		230	14	9.93	15	10.0	4.12	2.50	2.00	8.62	38.79	43.10
Amelanchier							11	7.80	10							
Alnus rug							31	21.99	25							
Frax am									10							
	97	160	113	47		11495	141	100.02			99.98	100.04	100.01	300.03	1412.49	1476.89

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

71.84

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3608

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>				7	4					4
<i>Acer rubrum</i>	X	4	75	2			9	10	8	X
<i>A. sacchar.</i>	2	4		1	5	4	(54) 4	7	1	14
<i>A. spicatum</i>			X	2				2		
<i>Betula lut.</i>										
<i>B. papyrif</i>				7	(766)	4	(108) 7	7	7	8
<i>Carpinus car</i>							7			
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>									X	1
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobus</i>										
<i>Populus bals</i>										
<i>P. grand</i>	(4									
<i>P. trem</i>	6	9	5	15	X	12	X			89
	14	7	11			6				
<i>Prunus pen.</i>	7	14								
<i>Quercus ell</i>										
<i>Q. rubra</i>				6					13	
<i>Tilia amer</i>										
<i>Tsuga can</i>										
<i>Thuja occ</i>										
<i>Ulmus amer</i>										
<i>U. fulva</i>										
<i>Corylus com</i>	X	X	X		X	X	X	X	X	
<i>Amelanchia</i>	1		X	1						
<i>Alnus</i>	1						1		3	
<i>Rubus parv</i>		X	X							X
Distance										

over

	1	2	3	4	5	6	7	8	9	10
<i>Crataegus</i>	X									
<i>Cornus alt</i>		X								
<i>Vib affinis</i>		X		X	X	X	X	X	X	
<i>Blackberry</i>				X	X					X
<i>Liriodendron</i>										
<i>Prunus vir</i>						X				
<i>Sorbus decora</i>							X			
<i>Rasp</i>									X	
<i>Frax am</i>										X
STATION NO.	1	2	3	4	5	6	7	8	9	10

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

STAND NO. 1000

Stand No. 3608

[illegible]

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3602

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum	X	X	(8) 7	9	1	4			X	X
A. sacchar.	X	X								
A. spicatum	X 1			1	X	1	X 4	X 9		
Betula lut.										
B. papyrif									5	7
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau							7			
Pinus Bank										
P. resinosa										
P. Strobus			12							
Populus bals										
P. grand				(8)	(11)					
P. trem	{5 16 (13)	{8 (6) (9)	88	{7 (13)	{11 10 (13)	{10 7 (14) (14)	{11 (13)	{12 (10) (8) (9)	{14 15 (13)	7 14
Prunus pen.										
Quercus ell										
Q. rubra				10			X			
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer	2 X									
U. fulva										
Corylus com		X		X		X		X		
Frax nigra	X 3	X	X		X	X	X			5 X 4
Lor can							X			
Distance	X									

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3600

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	9	7	1	8	9	12	8	12	10	5
Acer rubrum				6					7	6
A. sacchar.	3									
A. spicatum										
Betula lut.										
B. papyrif	12	1								
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau			9							
Pinus Bank										
P. resinosa					7					
P. Strobus						13				15
Populus bals										
P. grand		6	6	7						
P. trem	16	13	6	7	10	10	6	5	11	X
Prunus pen.		8					8	11	8	
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer	12									
U. fulva										
Corylus com	X	X	X		X	X	X	X	X	X
Alnus	X	2	4		3		2	1	4	1
Rubus pau	X			X	X					
Distance				X	X	X	X	X		X

over

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 360*

Quadrat No. 1-5

✓ *Pop. trem.*
 ✓ *Acer rubrum* 2345

✓ *Vacc. spicatum* 2
 ✓ *Prunella glauca* 5

✓ *Abies* 5

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 1234
Aster sagittifolius
Athyrium angustum 1
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 4
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 2
Cornus rugosa
Corylus americana
Corylus cornuta 45
Cypripedium acaule
Diervilla lonicera 5
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
Bromus purgans 1
Carex (1)
 ✓ *Amelanchier* 2

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 2
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 12345
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 135
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) 1
Sambucus pubens 5
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus 2
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 4
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens 5
Viola pubescens
Waldsteinia fragarioides

HERB FREQUENCY

✓ *Acer sacch* 12
 ✓ *Acer spic* 1235

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 5
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 1
 " *latiflorus* 4
Aster sagittifolius
Athyrium angustum 5
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 23
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 2
Cornus rugosa
Corylus americana
Corylus cornuta 2
Cypripedium acaule
Diervilla lonicera 3
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

✓ *Amelanchier* 2
 ✓ *Calamagrostis can* 45
 ✓ *Carex intumescens* 4
 ✓ *Equisetum arv* 4
 ✓ *Asarum* 5
 ✓ *Prunella vulgaris* 5

NORTHERN PINE-HARDWOODS

✓ *Acer rubrum* 23
 ✓ *Fragaria virginiana* 5
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
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum 3
Lysimachia quadrifolia
Maianthemum canadense 123
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 2
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Stand No. 3608
 Quadrat No. 6-10

✓ *Ostrya* 23 ✓ *Abies* 23
Potentilla simplex
Prenanthes alba *
Pteridium aquilinum 12
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
 " *hudsoni* 3
Rosa sp.
Rubus parviflorus 1
Rubus (blackberry)
Rubus (dewberry) 45
Sambucus pubens
Sanguinaria canadensis 45
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

HERB FREQUENCY

acer spic. 1234
tray nigra 134
Actaea pachypoda

Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 135
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 12345
Aster sagittifolius
Athyrium angustum 15
Botrychium virginianum
Brachyelytrum erectum 4
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 2
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 34
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Equisetum arvense
Asarum 14
Lothys 1
Alnus 25
Thistle 3 *Cirsium mitchum*
Calamagrostis 3

NORTHERN PINE-HARDWOODS

Y. lmus am 14
acer rubrum 25
Fragaria virginiana 135

Galium lanceolatum
Galium triflorum 145
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 345
Mitchella repens
Mitella diphylla
Mitella nuda 14
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Carex (1) 3
Prunella vulgaris 35
Carex sp. 45
Equisetum ar. 4

Stand No. 3608
 Quadrat No. 11-15

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 5
Ranunculus recurvatus
Rhus radicans
Ribes triste
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 134
Sambucus pubens 15
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 3
Viola pubescens
Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3608
Quadrat No. 16-20

P. p. hem
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 1
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus 10345
 Aster sagittifolius 4
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis 1
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis
 Cornus rugosa
 Corylus americana
 Corylus cornuta 123
 Cypripedium acaule
 Diervilla lonicera 13
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa
 Epifagus virginiana
 Epigaea repens

Fragaria virginiana 1235
 Galium lanceolatum
 Galium triflorum
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana 3
 Impatiens biflora
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense 234
 Mitchella repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia 12345
 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. 3
 Rubus parviflorus 13
 Rubus (blackberry)
 Rubus (dewberry) 1
 Sambucus pubens 24
 Sanguinaria canadensis
 Sanicula gregaria
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata
 Solidago ulmifolia
 Streptopus roseus
 Taxus canadensis
 Thalictrum dioicum 4
 Trientalis borealis
 Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 Viola canadensis 4
 Viola cucullata
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

✓ alnus my 125
 ✓ Lathyrus 4

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3608

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>	✓				✓			✓	✓				✓				✓					5	
<i>Comandra richardsoniana</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>	✓				✓	✓		✓									✓	✓	✓			6	
<i>Cryptotaenia canadensis</i>																							
<i>Cynoglossum boreale</i>																							
<i>Cypripedium acaule</i>																							
<i>Cypripedium parviflorum</i>																							
<i>Cypripedium pubescens</i>																							
<i>Cystopteris fragilis</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>	✓					✓		✓									✓		✓			4	
<i>Dirca palustris</i>																							
<i>Dryopteris bootii</i>																							
<i>Dryopteris cristata</i>																							
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>																							
<i>Dryopteris phegopteris</i>																							
<i>Dryopteris spinulosa</i>	✓																						
<i>Epifagus virginiana</i>																							
<i>Epigaea repens</i>																							
<i>Equisetum arvense</i>	✓									✓		✓			✓							3	
<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>	✓	✓									✓	✓		✓		✓	✓	✓	✓		✓	9	

Stand No. 3608

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Fragaria vesca																						
Galium aparine																						
Galium boreale																						
Galium circaezans																						
Galium concinnum																						
Galium lanceolatum																						
Galium triflorum	✓										✓	✓			✓	✓						4
Gaultheria hispidula																						
Gaylussacia baccata																						
Geranium maculatum																						
Gerardia pedicularia																						
Geum canadense																						
Geum rivale																						
Gnaphalium obtusifolium																						
Goodyera oblongifolia																						
Goodyera pubescens																						
Goodyera repens																						
Habenaria bracteata	✓																					
Habenaria orbiculata																						
Hackelia virginiana																						
Halenia deflexa																						
Hamamelis virginiana																						
Helianthus strumosus																						
Hepatica acutiloba																						
Hepatica americana	✓																		✓			1
Heuchera richardsonii																						
Hieracium canadense																						
Hieracium scabrum																						
Hydrophyllum virginianum																						
Hystrix patula																						
Ilex verticillata	✓																					
Impatiens biflora	✓																					
Impatiens pallida																						
Isopyrum biternatum																						
Krigia biflora																						
Lactuca canadensis																						
Laportea canadensis																						
Lathyrus ochroleucus	✓											✓							✓			2
Lathyrus venosus																						
Ledum groenlandicum																						
Lilium michiganense																						
Linnaea borealis																						
Lithospermum canescens																						
Lobelia inflata																						
Lonicera canadensis	✓																					
Lonicera hirsuta																						
Lonicera oblongifolia																						
Lonicera prolifera																						
Lupinus perennis																						
Luzula acuminata																						
Luzula multiflora																						

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3608

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3608

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Prenanthes alba</i>	✓																						
<i>Prunella vulgaris</i>	✓										✓			✓		✓						3	
<i>Pteretis pensylvanica</i>	✓																						
<i>Pteridium aquilinum</i>	✓						✓	✓														2	
<i>Pyrola asarifolia</i>																							
<i>Pyrola elliptica</i>																							
<i>Pyrola minor</i>																							
<i>Pyrola rotundifolia</i>																							
<i>Pyrola secunda</i>	✓															✓						1	
<i>Pyrola virens</i>																							
<i>Ranunculus abortivus</i>																							
<i>Ranunculus recurvatus</i>	✓																						
<i>Ranunculus septentrional</i>																							
<i>Rhus radicans</i>																							
<i>Rhus typhina</i>																							
<i>Ribes americanum</i>																							
<i>Ribes cynosbati</i>																							
<i>Ribes lacustre</i>	✓										✓											1	
<i>Ribes triste</i>	✓										✓											1	
<i>Rosa</i> sp.	✓																						
<i>Rubus idaeus</i>																							
<i>Rubus parviflorus</i>	✓						✓										✓		✓			3	
<i>Rubus hispidus</i>																							
<i>Rubus</i> - blackberry	✓																						
<i>Rubus</i> - dewberry	✓	✓								✓	✓	✓		✓	✓	✓						7	
<i>Rubus</i> - raspberry	✓					✓					✓					✓		✓		✓		5	
<i>Salix</i> sp.																							
<i>Sambucus canadensis</i>																							
<i>Sambucus pubens</i>																							
<i>Sanguinaria canadensis</i>																							
<i>Sanicula gregaria</i>																							
<i>Sanicula marilandica</i>	✓																						
<i>Schizachne purpurascens</i>																							
<i>Scutellaria lateriflora</i>																							
<i>Senecio aureus</i>																							
<i>Shepherdia canadensis</i>																							
<i>Smilacina racemosa</i>																							
<i>Smilacina stellata</i>																							
<i>Smilax ecirrhata</i>																							
<i>Smilax herbacea</i>																							
<i>Smilax hispida</i>																							
<i>Solidago canadensis</i>	✓																						
<i>Solidago flexicaulis</i>																							
<i>Solidago ulmifolia</i>																							
<i>Spiraea alba</i>																							
<i>Stellaria longifolia</i>																							
<i>Streptopus amplexifolius</i>																							
<i>Streptopus roseus</i>	✓		✓																			1	
<i>Symphoricarpos albus</i>																							
<i>Taxus canadensis</i>																							
<i>Thalictrum dioicum</i>	✓																			✓		1	

[illegible]

TAPULATION FORM

NORTHERN LOWLANDS

STAND NO. 3608

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3608

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3608

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3608

✓ *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
Salix

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

3608

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:

Prunella vulgaris
Ribes hudsonianum
 ? *Lysimachia thyrsiflora*
Caltha palustris
Solidago canadensis
Calamagrostis can
Slyceia striata
 Orchid (*Habenaria brail*)
Carex intumescens
Carex narrow
 Broad rosette *Saxifraga pennsylvanica*

Bayfield

7-19-52

Date Form No. 17

Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO.

Abies balsamea
✓ Acer rubrum
Acer saccharum
Acer spicatum
✓ Amelanchier sp.
Betula lutea
✓ Betula papyrifera
Caprinus caroliniana
Carya cordiformis
Crategeus sp.
Fagus grandiflora
Fraxinus americana
Fraxinus nigra

Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
✓ Picea glauca
Pinus banksiana
✓ Pinus resinosa
Pinus strobus
Populus balsamifera
Populus grandidentata
✓ Populus tremuloides
Prunus pennsylvanica
Prunus serotina

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

T50 N
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522

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia grypsosepala
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
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Cornus femina
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✓ Corylus cornuta
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✓ Dryopteris spinulosa
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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
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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

con

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
Phytolacca 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

T50N
R7W
522

Additional Species:

Rosa
Cornus stolonifera
Rhamnus flex verticillata
Vac.

An upland yard.
Few browse species.

Frag-like Rubus dewberry
Sant. Prunella vulgaris
Muhl. var. Calamagrostis canadensis
Poa pallustris Glyceria striata
Middle edge Carex intumescens