



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 3589: Taylor County, Township 33N, Range 1W, Section 25. 1953-07-15

[s.l.]: [s.n.], 1953-07-15

<https://digital.library.wisc.edu/1711.dl/POWLGRJ3GEPQX8T>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

STAND RECORD

FORESTS

Stand No. 3589

Name:

County:

Date:

Size of Stand:

Forest Type:

Topography: slope - upland.

Locality:

T: 33N

R: 1W

Sec: 25

Observers:

Christensen

Size of Area Sampled:

Soil Type:

Slope:

Directions

20 points (8 areas)
20 quads

Condition of Stand:

Some cutting in places. These were skipped.
Deer use heavy, all elvies highlined. Some summer use
of *A. spicatum*, as well as winter use. *Corylus* slightly
used.
This is an upland part of a ^{big} yard of which 3588 is at
the southern end. Deer trails, tracks, and droppings
numerous.

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									

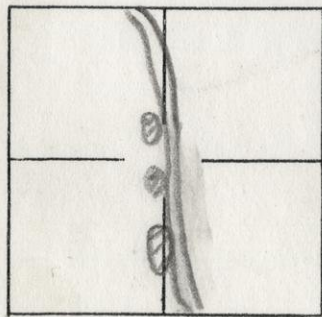
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



Discontinuous because of cutting
and wet ground.

X = browse presence

Northern Pine-Hardwoods

Station Number: 3589

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.	Lowland upland
			-80	-320	321											
Abies bals	9	10	10			273	34	44.6	50	45.0	16.67	12.50	4.72	33.89	101.67	237.23
Acer rubru	6	8	8			345	5	6.49	60	30.0	11.11	10.00	5.97	27.08	189.58	162.48
A. sacchar																
A. spicatu							18	23.38	45							
Betula lut	11	16	9	7		1662	3	3.90	10	55.0	20.37	20.00	28.76	69.13	449.35	553.04
B. papyrif	4	5	5			102	6	7.79		20.0	7.41	6.25	1.77	15.43	69.44	77.15
Carpinus c																
Fagus gran																
Ostrya vir	1	1	1			38				5.0	1.85	1.25	0.66	3.76	37.60	33.84
Picea glau																
Pinus Bank																
P. resinosa																
P. Strobus																
Populus ba																
P. grandid																
P. tremulo	3	4	4			158				15.0	5.56	5.00	2.73	13.29	46.52	26.58
Prunus pen																
Quercus el																
Q. rubra																
Tilia amer																
Tsuga cana	12	26	14	12		2559	5	6.49	5	60.0	22.22	32.50	44.20	98.92	741.90	791.36
Thuja occi	3	3	1	2		317				15.0	5.56	3.75	5.49	14.80	29.60	103.60
Ulmus amer	1	1	1			76	1	1.30		5.0	1.85	1.25	1.32	4.42	22.10	35.36
U. fulva	1	1	1			20				5.0	1.85	1.25	0.35	3.45	3.45	3.45
Prunus ser	3	5	5			233	5	6.49	25	15.0	5.56	6.25	4.03	15.84	110.88	63.36
Frax. am									5							
Prunus vir									10							
	54	80	59	21		5778	77	100			100.01	100	100	300.01	1802.09	2123.4

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

72.23

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3589

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	46	36	1	34	3			3	10	1
Acer rubrum	6		57		10		(86)			
A. sacchar.			(7)							
A. spicatum	X			X	X	X	X	X	X	X
Betula lut.	5			14	10	10	12	1	X	
B. papyrif		64	36		14					1
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem		6								
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can	1						8	14	4	14
Thuja occ				12				10	10	7
Ulmus amer							(77)			
U. fulva										
Corylus com			X				X		X	X
Prunus ser						8	X			1
Drumella						10	3			
Rosp.						X			X	
Distance										

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3589

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	7		3 6 4	1	4 4 4	2 5	X			
Acer rubrum	7 3	1	(5 4)	1						
A. sacchar.										
A. spicatum		X		X					X	X
Betula lut.	14	1		14		10		20	4 14 6 8	7
B. papyrif		5				4 2				
Carpinus car										
Fagus gran										
Ostrya virg								7		
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem			6	9 7						
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer							15			
Tsuga can	7	15 7		6	12 13 14	16	8 14 8	10		14 7 14
Thuja occ		8								
Ulmus amer										
U. fulva										
Prunus ser	X							6	X	7 1
Corylus com	X	X	X	X	X	X		X	X	X
Amelanchier		X	X							
Distance			5							

over

1802.1

Yard 3589

20.0015 Acre Quadrat Summary

Schrubs <i>Browse</i>	# Quad.	Freq. %	% Sum Freq.	% Σ F S-S				
Betula pum								
Cornus alt								
Cornus rug								
Cornus stol								
Corylus amer								
Corylus corn	12	60.	32.43	25.53				
Diervilla lon	3	15	8.11	6.38				
Dirca palus								
Ilex vertic	1	5	2.70	2.13				
Ledum groen								
Lonicera can	4	20	10.81	8.51				
Lonicera obl								
Nemopanthus m.								
Rhamnus aln								
Rhus typhina								
Ribes american								
Ribes cyno	1	5	2.70	2.13				
Ribes hirt								
Ribes lacus								
Ribes triste								
Rosa								
Rubus parvi								
Rubus - black								
Rubus - rasp	3	15	8.11	6.38				
Salix								
Sambucus can								
S. pubens	1	5	2.70	2.13				
Taxus can								
Vaccinium can								
Viburnum acer								
Viburnum af								
Viburnum lentago								
<i>Acer spic</i>	12	60.	32.43	25.53				
	37			78.72				
	10			21.28				
	47			100.00				

1802.1

npad 3589

20.0015 Acre Quadrat Summary

Tree reprod. (1 ft.-4 in. DBH)	# Quads	Freq. %	% Sum Freq.	# Qds. 1-1	F % 1-1	% F 1-1	# Qds. 1-4	% F 1-4	% F 1-4	% F S-S
Abies bals	2	10	20	2	10	22.22	1	5	50.0	4.26
Acer rubrum										
A. sacchar										
A. spicatu	12	60		12	60		1	5		
Alnus rug										
Amelanchier										
Betula lut.	1	5	10	1	5	11.11				2.13
B. papyrif	1	5	10				1	5	50.0	2.13
Carpinus c.										
Crataegus										
Fagus grand										
Fraxinus nig										
F. americana	1	5	10	1	5	11.11				2.13
Larix lar										
Ostrya vir										
Picea glau										
Picea mari										
Pinus bank										
Pinus resin										
Pinus strob										
populus ba										
P. grandid										
P. tremulo										
Prunus pen										
Prunus ser	3	15	30	3	15	33.33				6.38
Prunus vir	2	10	20	2	10	22.22				4.26
Q. rubra										
Q. ellipt.										
Sorbus dec										
Tilia amer										
Tsuga cana										
Thuja occi										
Ulmus amer										
	10		100	9			2		100.0	21.28

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3589

Quadrat No. 1-10

Actaea rubra 123678
Prunus serotina 167
Actaea pachypoda 8

Abies balsamea 2589⑩
Vaccinium 456789
Fragaria virginiana 47⑩

Taxus canadensis 8⑩
Potentilla simplex

*Actaea rubra**Galium lanceolatum**Prenanthes alba**Adiantum pedatum**Galium triflorum* 689*Pteridium aquilinum* 3*Allium tricoccum**Gaultheria procumbens**Pyrola elliptica**Anemone quinquefolia* 3*Gaylussacia baccata**Pyrola rotundifolia**Aquilegia canadensis**Geranium maculatum**Pyrola secunda**Aralia nudicaulis* 245⑩*Geum canadense**Ranunculus recurvatus**Aralia racemosa**Gnaphalium obtusifolium**Rhus radicans**Arisaema atrorubens**Helianthemum* sp.*Ribes americanum**Aster macrophyllus* 4*Helianthus strumosus**Rosa* sp. 15 Hudson*Aster sagittifolius**Hepatica acutiloba**Rubus parviflorus**Athyrium angustum**Hepatica americana* 89*Rubus* (blackberry) 1*Botrychium virginianum**Impatiens biflora**Rubus* (dewberry) 134689*Brachyelytrum erectum**Linnaea borealis**Sambucus pubens* 567*Carex albursina**Lonicera oblongifolia**Sanguinaria canadensis**Caulophyllum thalictroides**Lupinus perennis**Sanicula gregaria**Chimaphila umbellata**Lycopodium annotinum* 1234*Smilacina racemosa**Circaea alpina* 689⑩*Lycopodium complanatum**Smilacina stellata**Circaea latifolia**Lycopodium lucidulum**Smilax ecirrhata**Clintonia borealis* 23459*Lycopodium obscurum* 1*Solidago ulmifolia**Coptis trifolia* 234*Lysimachia quadrifolia**Streptopus roseus* 4*Corallorrhiza maculata**Maianthemum canadense* 123478⑩*Taxus canadensis**Cornus alternifolia**Mitchella repens**Thalictrum dioicum**Cornus canadensis* 12359⑩*Mitella diphylla**Trientalis borealis* 1*Cornus rugosa**Mitella nuda**Trillium grandiflorum**Corylus americana**Monotropa uniflora**Uvularia grandiflora**Corylus cornuta* 3*Myrica asplenifolia**Uvularia sessilifolia**Cypripedium acaule**Onoclea sensibilis* 3*Vaccinium angustifolium**Diervilla lonicera* 3*Oryzopsis asperifolia* 48*Vaccinium pennsylvanicum**Dirca palustris**Osmorhiza claytoni* 6*Viburnum acerifolium**Dryopteris linnaeana* 4*Oxalis montana* 149⑩*Viola canadensis**Dryopteris phegopteris**Phryma leptostachya**Viola cucullata**Dryopteris spinulosa* 3456*Polygala pauciflora**Viola pallens**Epifagus virginiana**Polygonatum commutatum**Viola pubescens**Epigaea repens**Polygonatum pubescens**Waldsteinia fragarioides**Carex marianae* 13467⑩*Betula lutea* 9*Osmunda cinnam.* 2*Polygonum cilinode* 67*Carex*-broad leaf 6*Asarum canad.* 6*Ribes cynosbati* 9

HERB FREQUENCY

✓ *Brumia* sp. 19
 ✓ *Acer rubrum* 12679 (10)

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia 148
Aquilegia canadensis
Aralia nudicaulis 124789
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 123458
 " *umbellatus* 3
Aster sagittifolius 3
Athyrium angustum
Botrychium virginianum 4
Brachyelytrum erectum 3
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 12345679
Coptis trifolia 567
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 123567
Cornus rugosa
Corylus americana
Corylus cornuta 245689
Cypripedium acaule
Diervilla lonicera 3
Dirca palustris
Dryopteris linnaeana 12
Dryopteris phegopteris 5
Dryopteris spinulosa 239 (10)
Epifagus virginiana
Epigaea repens

Carex narrow 1258
delux 3
Oria vir. 3

NORTHERN PINE-HARDWOODS

✓ *Vaccinium* sp. 29 (10)
 ✓ *Abies* 3678 (10)

Fragaria virginiana 345
Galium lanceolatum
Galium triflorum 148
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
 " *Can.* (10)
Lupinus perennis
Lycopodium annotinum 2456
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum 34
Lysimachia quadrifolia
Maianthemum canadense 12356789
Mitchella repens 5
Mitella diphylla 8
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 124
Osmorhiza claytoni
Oxalis montana 2 (10)
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 58

Stand No. 3589
 Quadrat No. 11-20

✓ *Bet. lutea* (10)

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry) 4
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus 49
Taxus canadensis
 (10) *Thalictrum dioicum*
Trientalis borealis 3678 (10)
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

TABULATION FORM

Univ. of Wisconsin

Stand No. 3589

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
HERBS:																						
<i>Actaea pachypoda</i>																						
<i>Actaea rubra</i>																						
<i>Adenocaulon bicolor</i>																						
<i>Adiantum pedatum</i>																						
<i>Agrimonia grypsosepala</i>																						
<i>Allium tricoccum</i>																						
<i>Alnus incana</i>																						
<i>Alnus rugosa</i>																						
<i>Amphicarpa bracteata</i>																						
<i>Anemone canadensis</i>																						
<i>Anemone cylindrica</i>																						
<i>Anemone quinquefolia</i>	✓			✓								✓			✓				✓			4
<i>Antennaria</i> sp.																						
<i>Apocynum androsaemifolium</i>																						
<i>Apocynum cannabinum</i>																						
<i>Aquilegia canadensis</i>																						
<i>Aralia hispida</i>																						
<i>Aralia nudicaulis</i>	✓		✓		✓	✓					✓	✓	✓		✓			✓	✓	✓		10
<i>Aralia racemosa</i>																						
<i>Arctostaphylos uva-ursi</i>																						
<i>Arisaema atrorubens</i>																						
<i>Asarum canadense</i>																						
<i>Asclepias exaltata</i>																						
<i>Aster cordifolius</i>																						
<i>Aster lateriflorus</i>	✓																					
<i>Aster macrophyllus</i>	✓				✓							✓	✓	✓	✓				✓			7
<i>Aster prenanthoides</i>																						
<i>Aster sagittifolius</i>	✓													✓								1
<i>Aster shortii</i>																						
<i>Aster umbellatus</i>	✓	✓												✓								2
<i>Athyrium filix-femina</i>																						
<i>Athyrium thelypteroides</i>																						
<i>Boehmeria cylindrica</i>																						
<i>Botrychium lanceolatum</i>																						
<i>Botrychium matricariaefolium</i>																						
<i>Botrychium virginianum</i>	✓														✓							1
<i>Brachyelytrum erectum</i>	✓													✓								1
<i>Bromus purgans</i>																						
<i>Campanula americana</i>																						
<i>Campanula rotundifolia</i>																						
<i>Cardamine pensylvanica</i>																						
<i>Carex albursina</i>																						
<i>Carex pensylvanica</i>																						
<i>Carex plantaginea</i>																						
<i>Caulophyllum thalictroides</i>																						
<i>Ceanothus ovatus</i>																						
<i>Celastrus scandens</i>																						
<i>Chimaphilia umbellata</i>																						
<i>Cicuta maculata</i>																						
<i>Circaea alpina</i>	✓						✓		✓	✓	✓											4
<i>Circaea quadrisulcata</i>																						

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3589

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>	✓		✓	✓	✓	✓				✓		✓	✓	✓	✓	✓	✓	✓	✓			12	
<i>Comandra richardsiana</i>																							
<i>Comptonia peregrina</i>																							
<i>Convolvulus spithameus</i>																							
<i>Coptis groenlandica</i>	✓		✓	✓	✓	✓										✓	✓	✓				6	
<i>Corallorhiza maculata</i>																							
<i>Corallorhiza striata</i>																							
<i>Corallorhiza trifida</i>																							
<i>Coreopsis palmata</i>																							
<i>Cornus alternifolia</i>	✓																						
<i>Cornus canadensis</i>	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓		✓	✓	✓				12	
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis sp.</i>																							
<i>Corylus americana</i>																							
<i>Corylus cornuta</i>	✓			✓									✓	✓	✓	✓	✓	✓	✓	✓		7	
<i>Cryptotaenia canadensis</i>																							
<i>Cynoglossum boreale</i>																							
<i>Cypripedium acaule</i>																							
<i>Cypripedium parviflorum</i>																							
<i>Cypripedium pubescens</i>																							
<i>Cystopteris fragillis</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>	✓			✓										✓								2	
<i>Dirca palustris</i>																							
<i>Dryopteris boottii</i>																							
<i>Dryopteris cristata</i>																							
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>	✓				✓							✓	✓									3	
<i>Dryopteris phegopteris</i>	✓															✓						1	
<i>Dryopteris spinulosa</i>	✓			✓	✓	✓	✓						✓	✓						✓	✓	8	
<i>Epifagus virginiana</i>																							
<i>Epigaea repens</i>																							
<i>Equisetum arvense</i>																							
<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>	✓				✓			✓			✓			✓	✓	✓						6	

Stand No. 3589

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	✓						✓		✓	✓	✓	✓			✓				✓			6	
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	✓								✓	✓												2	
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum																							
Hystrix patula																							
Ilex verticillata	✓														✓							1	
Impatiens biflora	✓																						
Impatiens pallida																							
Isopyrum biternatum																							
Krigia biflora																							
Lactuca canadensis	✓						✓															1	
Laportea canadensis																							
Lathyrus ochroleucus																							
Lathyrus venosus																							
Ledum groenlandicum																							
Lilium michiganense																							
Linnaea borealis	✓																						
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis	✓																					✓	1
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3589

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Lycopodium annotinum	✓	✓	✓	✓	✓								✓		✓	✓	✓						8
Lycopodium clavatum																							
Lycopodium complanatum																							
Lycopodium lucidulum																							
Lycopodium obscurum	✓	✓												✓	✓								3
Lycopodium tristachyum																							
Lycopus americanus																							
Lycopus uniflorus																							
Lysimachia ciliata																							
Lysimachia quadrifolia																							
Maianthemum canadense	✓	✓	✓	✓				✓	✓		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	15
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense																							
Milium effusum																							
Mitchella repens	✓															✓							1
Mitella diphylla	✓																		✓				1
Mitella nuda																							
Monarda fistulosa	✓																						
Moneses uniflora																							
Monotropa hypopithys																							
Monotropa uniflora																							
Nemopanthus mucronata																							
Onoclea sensibilis	✓			✓																			1
Orchis spectabilis																							
Oryzopsis asperifolia	✓				✓				✓			✓	✓		✓								5
Oryzopsis racemosa																							
Osmorhiza claytoni	✓						✓																1
Osmunda claytoniana																							
Osmunda cinnamomea	✓		✓																				1
Osmunda regalis																							
Oxalis montana	✓	✓			✓					✓	✓		✓								✓		6
Panax quinquefolius																							
Panax trifolius																							
Panicum latifolium																							
Parietaria pensylvanica																							
Parthenocissus inserta																							
Pedicularis lanceolata																							
Phlox divaricata																							
Phlox pilosa																							
Phryma leptostachya																							
Pilea pumila																							
Podophyllum peltatum																							
Polemonium reptans																							
Polygala paucifolia																							
Polygonatum canaliculatu																							
Polygonatum pubescens	✓															✓			✓				2
Polypodium virginianum																							
Potentilla arguta																							
Potentilla simplex																							

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

Data Form No. 23

Plant Ecology Research

Univ. of Wisconsin

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No.

3589

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3589

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3589

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3589

Station No.	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Herbs:																							
<i>Ribes hirtellum</i>																							
<i>Ribes hudsonianum</i>	✓	✓				✓																3	
<i>Rudbeckia laciniata</i>																							
<i>Rumex acetosella</i>																							
<i>Rumex Britanica</i>																							
<i>Saxifraga pensylvanica</i>																							
<i>Scirpus atrovirens</i>																							
<i>Scirpus cyperinus</i>																							
<i>Scirpus lineatus</i>																							
<i>Scrophularia marilandica</i>																							
<i>Scutellaria epilobiifolia</i>																							
<i>Sium suave</i>																							
<i>Smilacina trifolia</i>																							
<i>Solanum nigrum</i>																							
<i>Solidago altissima</i>																							
<i>Solidago gigantea</i>																							
<i>Solidago graminifolia</i>																							
<i>Solidago patula</i>																							
<i>Solidago uliginosa</i>																							
<i>Stachys polustris</i>																							
<i>Stellaria calycantha</i>																							
<i>Symplocarpus foetidus</i>																							
<i>Taraxacum officinale</i>																							
<i>Trifolium repens</i>																							
<i>Typha latifolia</i>																							
<i>Urtica dioica</i>																							
<i>Vaccinium oxycoccus</i>																							
<i>Viola eriocarpa</i>																							
<i>Hieracium scabrum</i>	✓															✓						1	

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3589

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
Cyripedium acaule
Cyripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
Diervilla lonicera
Dirca palustris
✓Dryopteris linneana
✓Dryopteris phegopteris
✓Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
Equisetum arvense
Erythronium americanum
Fragaria virginiana
Galium aparine
Galium boreale
Galium 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

3589
 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:

Carex intumescens