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Site 3580: Rusk County, Township 36N, Range 8W, Section 16. 1953-07-07

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

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yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3580

Name:

County: *Rusk*

Date: *7-7-53*

Size of Stand:

Forest Type: *Maple*

Topography: *upland, rolling*

Locality:

T: *36 N* R: *8 W* Sec: *16*

Observers:

Christensen and R. Dorney

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

A stand with little recent cutting. Old burned stumps present. A. saccharum trees deformed and stunted. Heavily browsed. Conifers slightly browsed.

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

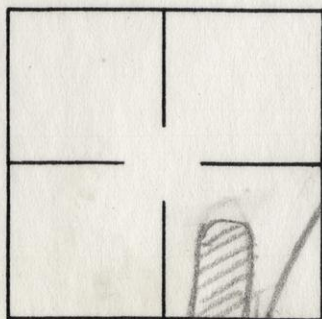
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

X = browse presence

Map:



Big Weirgo

95

Plant Ecology Research
TREE DATA SUMMARY SHEET

Yard

Northern Pine-Hardwoods

Station Number: 3580

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	4	4	4			129	5	4.13	20	10.0	3.77	2.50	1.13	7.40	29.60
Acer rubru	17	32	26	6		1833	21	17.36	10	42.5	16.04	20.00	16.07	52.11	364.77
A. sacchar	20	43	35	8		2724	20	16.53	15	50.0	18.87	26.88	23.88	69.63	696.30
A. spicatu									20						
Betula lut	18	24	13	10	1	2597	3	2.48		45.0	16.98	15.00	22.76	54.74	355.81
B. papyrif															
Carpinus c	2	2	2			77	20	16.53	10	5.0	1.89	1.25	0.67	3.81	30.48
Fagus gran															
Ostrya vir	5	5	5			199			5	12.5	4.72	3.13	1.74	9.59	95.90
Picea glau							1	0.83							
Pinus Bank															
P. resinosa															
P. Strobus	2	3		2	1	660				5.0	1.89	1.88	5.78	9.55	28.65
Populus ba															
P. grandid															
P. tremulo									5						
Prunus pen							1	0.83	15						
Quercus alba							2	1.65							
Q. rubra	2	2	2			28	1	0.83		5.0	1.89	1.25	0.25	3.39	28.82
Tilia amer	9	10	8	2		775	9	7.44		22.5	8.49	6.25	6.79	21.53	150.71
Tsuga cana	2	3		3		480				5.0	1.89	1.88	4.21	7.98	59.85
Thuja occi															
Ulmus amer	14	21	15	6		1501	11	9.09	10	35.0	13.21	13.13	13.16	39.50	197.50
U. fulva	2	2	2			54				5.0	1.89	1.25	0.47	3.61	23.47
Frax nig	5	5	5			282	3	2.48		12.5	4.72	3.13	2.47	10.32	46.44
Prunus ser	4	4	4			70	19	15.70	5	10.0	3.77	2.50	0.61	6.88	48.16
Alnus nig							5	4.13							
	106	160	121	37	2	11409	121	100.01			100.02	100.03	99.99	300.04	2156.46

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

71.31

U. thom

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam			19		30	X				
Acer rubrum	X	X	13	33	25	22	60	50	55	35
A. sacchar.	X	3	2	40	40			24	45	2
A. spicatum			X	65		X		13	21	75
Betula lut.	150	90	120		35		35		290	
B. papyrif		110	90				100			
Carpinus car			1				55			X
Fagus gran										1
Ostrya virg	20	40								
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobis						150		360		
Populus bals						150				
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra	13		1			15				
Tilia amer										
Tsuga can		280								
Thuja occ										
Ulmus amer								25		180
U. fulva										
Amelanchier	X									
Diervilla	X									
Quercus alba	2									
Prunus serotina	20	X			X	2			X	1
Distance					3					

	1	2	3	4	5	6	7	8	9	10
<i>Prunus vir.</i>		X							X	
<i>Corylus com.</i>		X	X		X	X		X	X	X
<i>Ilex vert.</i>				X						
<i>Alnus</i>				X						
<i>Rasp.</i>				X	X	X	X		X	
<i>Hemipanthus</i>					X					
<i>Lonicera com.</i>					X					
<i>Blackberry</i>								X		
<i>Cornus alt.</i>										X
<i>Q. laevis</i>										
<i>Q. macrocarpa</i>										
<i>Q. prinus</i>										
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<i>Q. robur</i>										
<i>Q. alba</i>										
<i>Q. coccinea</i>										

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	2									
Acer rubrum	55									1
A. sacchar.		35	3	15	29 X 15		100 35	100 30 X 27	30 X 55	50 X 50
A. spicatum	X		X		X	X				
Betula lut.	430		25 70	18	190				15 19	270 60
B. papyrif										
Carpinus car	X	X	12					4		
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer		50	4					1		
Tsuga can										
Thuja occ										
Ulmus amer	15 28	28	X	95 60		95 X 45 200	20 13	35		
U. fulva										
Corylus can	X	X		X	X	X		X		X
Larix laricina		80	50	50	17	35				
Rasp			X		X	X			X	
Prunus ser					X				14	
Distance										

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3580

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam		45								
Acer rubrum		(35) 70		{ 26 85	(45) 85					
A. sacchar.	{ 30 40 40 50	90 55	35	{ 95 3	70 135	{ 45 27 75	55	45 55 70	{ 60 65 320 110	{ 45 65 45
A. spicatum										
Betula lut.			65	26			65			
B. papyrif										
Carpinus car	1						2		X 3	2
Fagus gran										
Ostrya virg					(27) 22			40		(23) 27
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer					2	60				
Tsuga can			90 110			2	(550) 65 100			
Thuja occ										
Ulmus amer							12	X 1		X 1
U. fulva										
Corylus com	X	X	X	X	X	X		X	X	
Rasp	X	X	X							X
Lon. can			X				X			
Prunus ser										
Distance		2		1		1				2

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3580

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam				(30)	35		(24)			
Acer rubrum	45	190 115	13 95	(30) (65)	4	100 100	2 30			
A. sacchar.		105	X 2	X 2		80	1	X		60 26
A. spicatum			X				X			
Betula lut.		160			22		X 2			65
B. papyrif										
Carpinus car	(35) (30)	3								X 2
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell							(15) 50 25 17 29	(95) 15 14		
Q. rubra										
Tilia amer	75		(90) (17)				25	23	30	
Tsuga can										
Thuja occ										
Ulmus amer	17	X 1		230	24 30		(16) 28 13	12 60		X
U. <i>Thomasi</i>				35			19	(220)		
U. <i>fulva</i>										
Corylus		X		X	X	X	X		X	
Prunus cer	X		22	X		14	X			X 2
Rasp	X	X	X	X		X	X			
Prunus vir		X								
Distance										

over

yard 3580

2156.5

40.0015 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	1	25	294	1	25	303				076
Acer rubrum	3	75	882	3	75	909	1	25	111	229
A. sacchar	15	375	4412	15	375	4545	4	100	4444	1145
A. spicatu	12	300		12	300					
Alnus rug	2	50		2	50					
Amelanchier	1	25		1	25					
Betula lut.	1	25	294	1	25	303	1	25	111	076
B. papyrif										
Carpinus c.	5	125		5	125					
Crataegus										
Fagus grand										
Fraxinus nig										
F. americana										
Larix lar										
Ostrya vir										
Picea glau										
Picea mari										
Pinus bank										
Pinus resin										
Pinus strob										
populus ba										
P. grandid										
P. tremulo										
Prunus pen										
Prunus ser	4	100	11774	4	100	1212				305
Prunus vir	4	100	11774	4	100	1212	1	25	111	305
Q. rubra										
Q. ellipt.										
Sorbus dec										
Tilia amer										
Tsuga cana										
Thuja occi										
Ulmus amer	6	150	17655	5	125	1515	2	50	2222	458
	34			✓ 33			✓ 9			✓ 3596

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3580
Quadrat No. 1-5

Acer spicatum 1
Acer saccharum 1
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 8
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus 1
 Aster sagittifolius
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis 14
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 3
 Cornus rugosa
 Corylus americana
 Corylus cornuta
 Cypripedium acaule
 Diervilla lonicera 12
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa 5
 Epifagus virginiana
 Epigaea repens

Fragaria virginiana 1
 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 3
 Lycopodium complanatum
 Lycopodium lucidulum 3
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense 34
 Mitchellia 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
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry) 4
 Rubus (dewberry) 4
 Sambucus pubens 5
 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 3
 Viburnum acerifolium
 Viola canadensis
 Viola cucullata
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

✓ *Lactuca canadensis* 2
 ✓ *Aster simplex* 2
 ✓ *Carex triperma* 3
 ✓ *Polygonum cilivale* 75

✓ *Epilobium angustifolium* 2
 ✓ *Calamagrostis can*
 ✓ *Carex droop* 3

HERB FREQUENCY

✓ *Corpus* 2
✓ *Prunus* 3.4

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 78
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 245678
Aster sagittifolius 6
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum 45
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia 7
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 7
Cornus rugosa
Corylus americana
Corylus cornuta 178
Cypripedium acaule
Diervilla lonicera 568
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 13
Epifagus virginiana
Epigaea repens

✓ *Hydrophyllum* 124
✓ *Asarum* 1
Carex - W 1
✓ *Kasp.* 2
✓ *Polygonum columboides* 26

NORTHERN PINE-HARDWOODS

✓ *Asplenium* am 4
✓ *Salix* +
Fragaria virginiana 15
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
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 17
Mitchella repens
Mitella diphylla 5
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 123578
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 7

Carex droop 3
Sedge narrow 5678
✓ *Lactuca* can 5
✓ *Acer sacch.* 8

Stand No. 3580
Quadrat No. 6-13

✓ *Acer* spic. 56 *
✓ *Thrus* 7
Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 7
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp. *cynosbati* 6
Rubus parviflorus
Rubus (blackberry) 27
Rubus (dewberry) 5
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum 1
Trientalis borealis 4
Trillium grandiflorum
Uvularia grandiflora 4
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3580
Quadrat No. 14-*Abies*
*Acer sacch.**Prunus vir* 1
Astragalus 1*Carpinus* 2 *

Actaea pachypoda

Fragaria virginiana

Potentilla simplex

Actaea rubra

Galium lanceolatum

Prenanthes alba

Adiantum pedatum

Galium triflorum

Pteridium aquilinum

Allium tricoccum

Gaultheria procumbens

Pyrola elliptica

Anemone quinquefolia

Gaylussacia baccata

Pyrola rotundifolia

Aquilegia canadensis

Geranium maculatum

Pyrola secunda

Aralia nudicaulis 1

Geum canadense 16

Ranunculus recurvatus

Aralia racemosa

Gnaphalium obtusifolium

Rhus radicans

Arisaema atrorubens

Helianthemum sp.

Ribes americanum

Aster macrophyllus 134

Helianthus strumosus

Rosa sp. *cynobati* 6

Aster sagittifolius

Hepatica acutiloba 3

Rubus parviflorus

Athyrium angustum

Hepatica americana

Rubus (blackberry) 46

Botrychium virginianum

Impatiens biflora

Rubus (dewberry) 34

Brachyelytrum erectum 3

Linnaea borealis

Sambucus pubens 7

Carex albursina

Lonicera oblongifolia

Sanguinaria canadensis 1

Caulophyllum thalictroides

Lupinus perennis

Sanicula gregaria

Chimaphila umbellata

Lycopodium annotinum

Smilacina racemosa

Circaea alpina

Lycopodium complanatum

Smilacina stellata

Circaea latifolia

Lycopodium lucidulum

Smilax ecirrhata

Clintonia borealis

Lycopodium obscurum

Solidago ulmifolia

Coptis trifolia

Lysimachia quadrifolia

Streptopus roseus

Corallorrhiza maculata

Maianthemum canadense

Taxus canadensis

Cornus alternifolia 2

Mitchella repens

Thalictrum dioicum 346

Cornus canadensis

Mitella diphylla 1

Trientalis borealis

Cornus rugosa

Mitella nuda

Trillium grandiflorum

Corylus americana

Monotropa uniflora

Uvularia grandiflora 4

Corylus cornuta

Myrica asplenifolia

Uvularia sessilifolia

Cypripedium acaule

Onoclea sensibilis

Vaccinium angustifolium

Diervilla lonicera 37

Oryzopsis asperifolia 14

Vaccinium pennsylvanicum

Dirca palustris

Osmorhiza claytoni 3

Viburnum acerifolium

Dryopteris linnaeana

Oxalis montana

Viola canadensis

Dryopteris phegopteris

Phryma leptostachya

Viola cucullata

Dryopteris spinulosa 6

Polygala pauciflora

Viola pallens *incoquata* 145

Epifagus virginiana

Polygonatum commutatum

Viola pubescens

Epigaea repens

Polygonatum pubescens

Waldsteinia fragarioides

Carex narrow 1234*hairy mint* 5*Hydrophyllum* 13467*Big sedg* 5*Polygonum* *californicum* 47*Monarda* 2*Hydrophyllum* *lake* 5*Aster* *simplex* 7*Lycopodium* *am* 5*Rudbeckia laciniata*** 2 brown am* 3** Acer spic.* 4*Calamagrostis* *can* 56*Prunella vul.* 6*Hydrox* *pat* 17

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3580

[illegible]

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3580

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3580

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3580

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>	✓																		✓		1		
<i>Pteretis pensylvanica</i>	✓																						
<i>Pteridium aquilinum</i>																							
<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>	✓										✓								✓		2		
<i>Ribes lacustre</i>																							
<i>Ribes triste</i>																							
<i>Rosa</i> sp.																							
<i>Rubus idaeus</i>																							
<i>Rubus parviflorus</i>																							
<i>Rubus hispidus</i>																							
<i>Rubus</i> - blackberry	✓				✓			✓				✓						✓		✓		5	
<i>Rubus</i> - dewberry	✓				✓						✓						✓	✓				4	
<i>Rubus</i> - raspberry	✓					✓		✓												✓		3	
<i>Salix</i> sp.	✓									✓												1	
<i>Sambucus canadensis</i>																							
<i>Sambucus pubens</i>																							
<i>Sanguinaria canadensis</i>	✓														✓							1	
<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>																							
<i>Symphoricarpos albus</i>																							
<i>Taxus canadensis</i>																							
<i>Thalictrum dioicum</i>	✓						✓										✓	✓		✓		4	

[illegible]

TAPULATION FORM

NORTHERN LOWLANDS

STAND NO. 3580

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3580

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3580

[illegible]

yard 3580

2156.5

40.0015 Acre Quadrat Summary

Schrubs	Browse	# Quad.	Freq. %	% Sum Freq.	% Σ F S-S				
Betula pum									
Cornus alt		3	7.5	3.09	2.29				
Cornus rug									
Cornus stol									
Corylus amer									
Corylus corn		28	70.0	28.87	21.37				
Diervilla lon		12	30.0	12.37	9.16				
Dirca palus									
Ilex vertic		1	2.5	1.03	0.76				
Ledum groen									
Lonicera can		3	7.5	3.09	2.29				
Lonicera obl									
Nemopanthus m.		1	2.5	1.03	0.76				
Rhamnus aln									
Rhus typhina									
Ribes american									
Ribes cyno		2	5.0	2.06	1.53				
Ribes hirt									
Ribes lacus									
Ribes triste									
Rosa									
Rubus parvi									
Rubus - black		6	15.0	6.19	4.58				
Rubus - rasp		19	47.5	19.59	14.50				
Salix									
Sambucus can									
S. pubens									
Taxus can									
Vaccinium can									
Viburnum acer		1	2.5	1.03	0.76				
Viburnum af		1	2.5	1.03	0.76				
Viburnum lentago									
Acer spiro		12	30.0	12.37	9.16				
Alnus rug		2	5.0	2.06	1.53				
Amelanchier		1	2.5	1.03	0.76				
Carpinus		5	12.5	5.16	3.82				
		97							
		34							
		131							
				74.05					
				25.96					
				100.00					

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3580

~~✓~~ *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 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*

3580

Melampyrum lineare
 Mitchellia 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
 ✓ 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:

Dryopteris cristata
 Lycopodium am.
 ✓ Liriodendron
 Bidens spp.
 Carex intumescens
 " triplaris
 Teatumb Polygonum sagittatum
 Carex, drooping spike
 Cinna arundinacea