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Site 3579: Rusk County, Township 35N, Range 8W, Section 7; Township 35N, Range 9W, Section 12. 1953-07-06

[s.l.]: [s.n.], 1953-07-06

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yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3579

Name: _____ Locality: 9W 12
County: Rush T: 35N R: 8W Sec: 7
Date: 7-6-53, 7-7-53 Observers: Christensen and P. Dorney
Size of Stand: _____ Size of Area Sampled: _____
Forest Type: alder to aspen transitions Soil Type: _____
Topography: streamside, rolling Slope: _____ Directions: _____

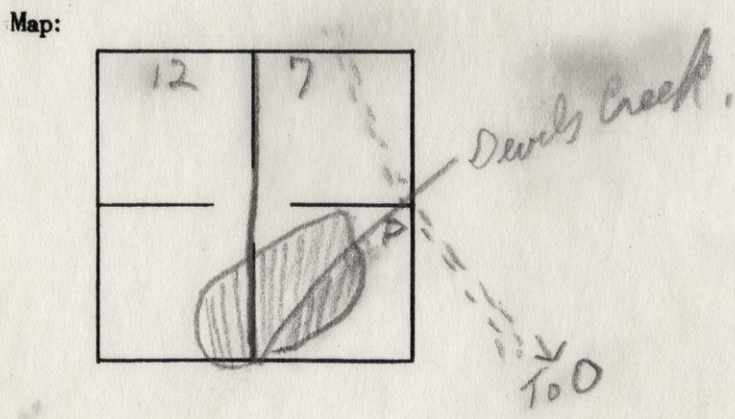
Condition of Stand:
A stand with little cutting. Many larger trees broken off. A few tip-ups. Alder thick along stream.
Corylus, Asper, maples and balsam all regularly browsed - moderately.
Tip-ups common.

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
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



Northern Pine-Hardwoods

Station Number: 3579

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	22	43	41	2		1534	23	15.13	20	55.0	21.78	26.88	16.35	65.01	195.03 292.54
Acer rubru	3	4	4			166	1	0.66		7.5	2.97	2.50	1.77	7.24	50.68 43.44
A. sacchar															
A. spicatu									20						
Betula lut															20.29 (corrected)
B. papyrif	2	2	1	1		120				5.0	1.98	1.25	1.28	4.51	202.95 22.55
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	5	8	4	4		845				12.5	4.95	5.00	9.00	18.95	47.38 75.80
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo	7	8	7	1		303	7	4.61		17.5	6.93	5.00	3.23	15.16	53.06 53.06
Prunus pen	1	1	1			20	1	0.66		2.5	0.99	0.63	0.21	1.83	54.9 7.32
Quercus el															
→ Prunus vi Q. rubra							11	7.24	20						
→ Alnus rug Tilia amer							71	46.71	5						
→ Prunus ca Tsuga cana	1	2	2			42				2.5	0.99	1.25	0.45	2.69	18.83 16.14
Thuja occi	1	1		1		230				2.5	0.99	0.63	2.45	4.07	8.14 16.28
Ulmus amer	30	43	31	10	2	3914	8	5.26		25.0	29.70	26.88	41.71	98.29	491.45 540.59
U. fulva	2	2		1	1	635				5.0	1.98	1.25	6.77	100.0	70.00 70.00
U. thomasi	5	6	6			216				12.5	4.95	3.75	2.31	11.01	71.57 77.07
Frax nig	21	39	37	2		1339	29	19.08	5	52.5	20.79	24.38	14.27	59.44	267.48 297.20
Crataegus	1	1	1			20	1	0.66		2.5	0.99	0.63	0.21	1.83	9.15 9.15
	101	160	135	22	3	9384	152	100.01			99.99	100.03	100.01	300.03	1482.06 1521.4

AVE. DIST. BTW'N TREES:

AVE. B. A.:

TREES/ACRE:

DOM./ACRE:

58.65

CI = 1299.40

Thuya

230

Stand No. 3579

[illegible]

Rasp
 Salix
 Prunus vir
 Ulmus thomasi
 Ribes cynobatr

X

Y

X

3

70

70

X

20

18

Stand No.

3579

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	45 45	35 14	36 1	40	-	-	-	-	-	-
Acer rubrum	-	1	-	-	-	-	-	60 25	-	-
A. sacchar.	-	-	-	-	-	-	-	-	-	-
A. spicatum	X	-	X	X	X	-	-	-	-	-
Betula lut.	-	-	-	-	-	-	-	-	-	-
B. papyrif	15	-	-	-	-	-	-	-	-	-
Carpinus car	-	-	-	-	-	-	-	-	-	-
Fagus gran	-	-	-	-	-	-	-	-	-	-
Ostrya virg	-	-	-	-	-	-	-	-	-	-
Picea glau	-	-	95	-	-	-	-	-	-	-
Pinus Bank	-	-	-	-	-	-	-	-	-	-
P. resinosa	-	-	-	-	-	-	-	-	-	-
P. Strobus	-	-	-	-	-	-	-	-	-	-
Populus bals	-	-	-	-	-	-	-	-	-	-
P. grand	-	-	-	-	-	-	-	-	-	-
P. trem	-	-	-	-	-	-	-	-	-	-
Prunus pen.	-	-	-	-	-	-	-	-	-	-
Quercus ell	-	-	-	-	-	-	-	-	-	-
Q. rubra	-	-	-	-	-	-	-	-	-	-
Tilia amer	-	-	-	-	-	-	-	-	-	-
Tsuga can	-	-	-	-	-	-	-	-	-	-
Thuja occ	-	24	-	-	-	-	-	-	-	-
Ulmus amer	23	(23) 40	26 26	-	190	95 120	190	-	-	200
U. fulva	-	-	-	-	-	-	-	-	-	-
Frax nigra	-	-	(35) 35 27 19 22 14	4	100 18 19	12 15	75 30	20	50 14	(15) 20 20
Lam can	X	-	-	-	-	-	-	-	-	-
Corylus cor	-	X	-	-	-	-	X	X	-	-
Distance	-	X	-	-	-	-	-	X	-	-

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3579

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam			{ 20 30		{ 40 21	{ 17 34		20	250	35
Acer rubrum			{ 13 65		{ 24 23					
A. sacchar.										
A. spicatum						X	X		X	
Betula lut.										
B. papyrif									(45 60)	
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus	X									
Populus bals										
P. grand										
P. trem	21	X 4	16			15	55			
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer	(75 21 35)	540		30	14		45	30	180	18
U. fulva	(85 50 20)			450						2
Ulmus thomasi	15 75							12		
Ribes am	X		X	X	X		X			
Lam. can	X								X	
Distance		23		40 X 21	X		{ 17 (14 60) X	15 X	75 X	35

NORTHERN PINE-HARDWOODS

Stand No. 3579

[illegible]

X

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

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3579

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>	✓																	✓	✓		✓	3	
<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>	✓																	✓				1	
<i>Cornus canadensis</i>	✓								✓										✓		✓	3	
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis sp.</i>																							
<i>Corylus americana</i>																							
<i>Corylus cornuta</i>	✓														✓							1	
<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>	✓								✓										✓	✓		3	
<i>Dirca palustris</i>																							
<i>Dryopteris bootii</i>																							
<i>Dryopteris cristata</i>	✓								✓				✓			✓						3	
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>	✓											✓							✓			2	
<i>Dryopteris phegopteris</i>																							
<i>Dryopteris spinulosa</i>	✓	✓							✓				✓					✓				4	
<i>Epifagus virginiana</i>																							
<i>Epigaea repens</i>																							
<i>Equisetum arvense</i>	✓									✓												1	
<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	

Stand No. 3579

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3579

[illegible]

[illegible]

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3579

[illegible]

STAND NO. 3579

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3579

[illegible]

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No.

<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i>	<i>Potentilla simplex</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Prenanthes alba</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i>	<i>Pteridium aquilinum</i>
<i>Allium tricoccum</i>	<i>Gaultheria procumbens</i>	<i>Pyrola elliptica</i>
<i>Anemone quinquefolia</i>	<i>Gaylussacia baccata</i>	<i>Pyrola rotundifolia</i>
<i>Aquilegia canadensis</i>	<i>Geranium maculatum</i>	<i>Pyrola secunda</i>
<i>Aralia nudicaulis</i>	<i>Geum canadense</i>	<i>Ranunculus recurvatus</i>
<i>Aralia racemosa</i>	<i>Gnaphalium obtusifolium</i>	<i>Rhus radicans</i>
<i>Arisaema atrorubens</i>	<i>Helianthemum sp.</i>	<i>Ribes americanum</i>
<i>Aster macrophyllus</i>	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i>
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i>
<i>Brachyelytrum erectum</i>	<i>Linnaea borealis</i>	<i>Sambucus pubens</i>
<i>Carex albursina</i>	<i>Lonicera oblongifolia</i>	<i>Sanguinaria canadensis</i>
<i>Caulophyllum thalictroides</i>	<i>Lupinus perennis</i>	<i>Sanicula gregaria</i>
<i>Chimaphila umbellata</i>	<i>Lycopodium annotinum</i>	<i>Smilacina racemosa</i>
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i>	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i>	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i>	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i>	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i>	<i>Mitella diphylla</i>	<i>Trientalis borealis</i>
<i>Cornus rugosa</i>	<i>Mitella nuda</i>	<i>Trillium grandiflorum</i>
<i>Corylus americana</i>	<i>Monotropa uniflora</i>	<i>Uvularia grandiflora</i>
<i>Corylus cornuta</i>	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i>	<i>Oryzopsis asperifolia</i>	<i>Vaccinium pennsylvanicum</i>
<i>Dirca palustris</i>	<i>Osmorhiza claytoni</i>	<i>Viburnum acerifolium</i>
<i>Dryopteris linnaeana</i>	<i>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i>	<i>Polygala pauciflora</i>	<i>Viola pallens</i>
<i>Epifagus virginiana</i>	<i>Polygonatum commutatum</i>	<i>Viola pubescens</i>
<i>Epigaea repens</i>	<i>Polygonatum pubescens</i>	<i>Waldsteinia fragarioides</i>

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3579

Quadrat No. 1-5

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia 5

Aquilegia canadensis

Aralia nudicaulis 4

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus 4

Aster sagittifolius 23

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

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa 1

Epifagus virginiana

Epigaea repens

Fragaria virginiana 4

Galium lanceolatum

Galium triflorum 4

Gaultheria procumbens

Gaylussacia baccata

Geranium maculatum

Geum canadense 3

Gnaphalium obtusifolium

Helianthemum sp.

Helianthus strumosus

Hepatica acutiloba

Hepatica americana

Impatiens biflora 2

Linnaea borealis 4.5

Lonicera oblongifolia

Lupinus perennis

Lycopodium annotinum

Lycopodium complanatum

Lycopodium lucidulum

Lycopodium obscurum 4

Lysimachia quadrifolia 23

Maianthemum canadense

Mitchella repens

Mitella diphylla

Mitella nuda 23

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis 3

Oryzopsis asperifolia 5

Osmorhiza claytoni 1

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Potentilla simplex

Prenanthes alba

Pteridium aquilinum 4

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum

Rosa sp.

Rubus parviflorus

Rubus (blackberry) 4

Rubus (dewberry) 125

Sambucus pubens 4

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

Thalictrum dioicum 134

Trientalis borealis

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata 3

Viola pallens

Viola pubescens

Waldsteinia fragarioides

✓ Glyceria striata 1

✓ Lophortia 1

✓ Abies bal. 1

✓ Acer spicatum 1

✓ Aster lateriflorus 1

✓ Calamagrostis can. 1

✓ Clematis rug. 1

✓ Polygonum cili. 1

✓ Scutellaria epilob. 13

✓ Galium aparinum 12

Carex - w. 123

✓ Chelone glabra 123

✓ Saxifraga 12

✓ Calla pal. 2

✓ Thalictrum 2 (2)

Narrow sedge 245

~~Cliff. fussy 23~~ *Stachys palustris*

~~alt. wine-like 23~~ *Chickweed* *Campanula sp. minor*

Coex #3

Thistle 5 *Cuscuta muticum*

Chickweed

Cuscuta muticum

5

acc. leaf vine

Humulus Lupulus

5

yellow round leaf camp

Senecio aureus

Prunella vulgaris 23

Collins americana

Collins lutea

Collins canadensis

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

Collins virginiana

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Quadrat No. 1-2

Stand No. 3256

Dist. of Wisconsin

HEBB FREQUENTIA

NORTHERN PINE-HARDWOODS

Plant Ecology Research

Date Form No. 10

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3579
Quadrat No. 6-15

Actaea pachypoda

Actaea rubra

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina

Circaea latifolia

Clintonia borealis

Coptis trifolia

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis

Cornus rugosa

Corylus americana

Corylus cornuta

Cyripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa

Epifagus virginiana

Epigaea repens

Poa pratensis

Chamaenerion angustifolium

Yarrow

Clematis

Carex big

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

Lycopodium obscurum

Lysimachia quadrifolia

Maianthemum canadense

Mitchella repens

Mitella diphylla

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia

Osmorhiza claytoni

Oxalis montana

Phryma leptostachya

Polygala pauciflora

Polygonatum commutatum

Polygonatum pubescens

Saxifraga

Carex marian 2358

Aster purpureus 235

Raphanistrum 25

Heracleum 235

Potentilla simplex

Prenanthes alba

Pteridium aquilinum

Pyrola elliptica

Pyrola rotundifolia

Pyrola secunda

Ranunculus recurvatus

Rhus radicans

Ribes americanum 12357

Rosa sp.

Rubus parviflorus

Rubus (blackberry)

Rubus (dewberry)

Sambucus pubens

Sanguinaria canadensis

Sanicula gregaria

Smilacina racemosa

Smilacina stellata

Smilax ecirrhata

Solidago ulmifolia

Streptopus roseus

Taxus canadensis

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

Asarum 37

Carex-w 3457

Lactuca

Slycemia stultia 35

Edlmanagrostis can 37

Prunella vulgaris

- ✓ *Equisetum arvense* 4
 ✓ *Viola-like* 5 *Senecio arvensis*
 ✓ *Scutellaria lateriflora* 5
 ✓ *Caltha palustris* 5
 ✓ *Hydrophyllum-like* 79 *Rudbeckia laciniata*
 ✓ *Polygonum colonoides* 9
 ✓ *Clematis* 9

DILCO BEJMEFLIE

DIELAJIJE JONICELE

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NOVEMBER 11-1932

PLANT ECOLOGY RESEARCH

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DATE OF NO. 1-12

DATE OF NO. 3250

DATE OF NO. 12

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3579
Quadrat No. 16-20

Urtica 2
Prunus 3

Lobelia 3

Actaea pachypoda

Fragaria virginiana 14

Potentilla simplex

Actaea rubra

Galium lanceolatum

Prenanthes alba

Adiantum pedatum

Galium triflorum 23

Pteridium aquilinum

Allium tricoccum

Gaultheria procumbens

Pyrola elliptica

Anemone quinquefolia 3

Gaylussacia baccata

Pyrola rotundifolia

Aquilegia canadensis

Geranium maculatum

Pyrola secunda

Aralia nudicaulis

Geum canadense

Ranunculus recurvatus

Aralia racemosa

Gnaphalium obtusifolium

Rhus radicans

Arisaema atrorubens

Helianthemum sp.

Ribes americanum /

Aster macrophyllus 24

Helianthus strumosus

Rosa sp.

Aster sagittifolius

Hepatica acutiloba

Rubus parviflorus

Athyrium angustum 3

Hepatica americana

Rubus (blackberry)

Botrychium virginianum

Impatiens biflora

Rubus (dewberry) 12345

Brachyelytrum erectum 24

Linnaea borealis

Sambucus pubens

Carex albursina

Lonicera oblongifolia

Sanguinaria canadensis

Caulophyllum thalictroides

Lupinus ^{can} perennis 2

Sanicula gregaria

Chimaphila umbellata

Lycopodium annotinum

Smilacina racemosa

Circaea alpina

Lycopodium complanatum

Smilacina stellata

Circaea latifolia

Lycopodium lucidulum

Smilax ecirrhata

Clintonia borealis 235

Lycopodium obscurum

Solidago ulmifolia

Coptis trifolia

Lysimachia quadrifolia

Streptopus roseus 35

Corallorrhiza maculata

Maianthemum canadense 235

Taxus canadensis

Cornus alternifolia 2

Mitchella repens

Thalictrum dioicum

Cornus canadensis 35

Mitella diphylla

Trientalis borealis 2

Cornus rugosa

Mitella nuda 23

Trillium grandiflorum

Corylus americana

Monotropa uniflora

Uvularia grandiflora

Corylus cornuta

Myrica asplenifolia

Uvularia sessilifolia

Cypripedium acaule

Onoclea sensibilis

Vaccinium angustifolium

Diervilla lonicera 45

Oryzopsis asperifolia 12345

Vaccinium pennsylvanicum

Dirca palustris

Osmorhiza claytoni

Viburnum acerifolium

Dryopteris linnaeana 3

Oxalis montana

Viola canadensis

Dryopteris ^{caerulea} phegopteris 1

Phryma leptostachya

Viola cucullata

Dryopteris spinulosa 2

Polygala pauciflora

Viola pallens ^{marginata} 4

Epifagus virginiana

Polygonatum commutatum

Viola pubescens

Epigaea repens

Polygonatum pubescens

Waldsteinia fragarioides

Carex lasiocarpa 2

Carex narrow 2345

Rosette 1 *Saxifraga*

Laportea 3

Laportea 1

Oxalis 3

Aster pumilus 1

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3579

- ✓ *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 phytoelacoides*
- 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
 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:

Calamagrostis canadensis
Athyrium striatum
Eragrostis maculatum
Aster puniceus
Thistle Cirsium montanum
Ilex vert.
Clematis sp. virginiana
Polygonum ciliolatum
Callitriche palustris
Nettle stipulata *Urtica dioica*
Scutellaria epilobifolia
Spiraea alba
Prunella vulgaris

Potentilla simplex
Carex trisperma

3579