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STAND RECORD

FORESTS

Stand No. 3505

Name:

Locality:

County: *Shawano*T: *30N*R: *15E*Sec: *15*Date: *8-6-52**7-8-2-52*Observers: *Christensen, Ward, Ware, Bray*

Size of Stand:

Size of Area Sampled:

Forest Type: *White Cedar*

Soil Type:

Topography: *Flat, lowland, standing water*

Slope:

Directions

Condition of Stand:

An occasional ^{cut} stump near road. No other abuse.

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

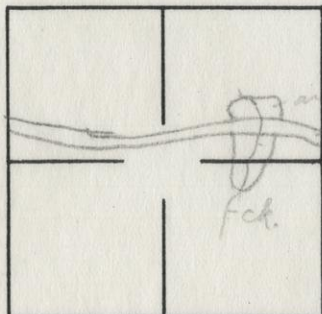
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

v = browse presence

Map:



Plant Ecology Research
TREE DATA SUMMARY SHEET730N Rise 515
University of Wisconsin

Northern Pine-Hardwoods

Station Number: 3505

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	4	4	4	-	-	119	11	7.05	25	10.0	7.27	5.00	3.23	15.50	46.50	69.75
Acer rubru																
A. sacchar																
A. spicatu							1	0.64	25							
Betula lut	2	2	2	-	-	70	1	0.64	35	5.0	3.64	2.50	1.90	8.04	52.26	60.30
B. papyrif	2	2	2	-	-	47				5.0	3.64	2.50	1.28	7.42	33.39	37.10
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau									5							
Pinus Bank																
P. resinosa																
P. Strobus	1	1	-	1	-	90				2.5	1.82	1.25	2.45	5.52	16.54	22.08
Populus ba																
P. grandid																
P. tremulo																
Prunus pen																
Quercus el																
Q. rubra																
Salix Tilia amer									5							
Tsuga cana	3	3	1	2	-	280	2	1.28		7.5	5.45	3.75	7.61	16.81	126.08	142.88
Thuja occi	38	63	58	5	-	2896	129	82.69	10	95.0	69.09	78.75	78.20	226.54	453.08	906.16
Ulmus amer	1	1	1	-	-	23				2.5	1.82	1.25	0.62	3.69	18.45	20.29
U. fulva															49.36	
Frax. nigra	3	3	3	-	-	65	8	5.13	25	7.5	5.45	3.75	1.77	10.97	493.65	54.85
Larix lar.	1	1	-	1	-	90				2.5	1.82	1.25	2.45	5.52	5.52	5.52
Alnus rug.							4	2.56	5						801.2	
	55	80	71	9	-	3680	156	99.99			100	100	100.01	300.01	(245.49)	1318.93

AVE. DIST. BTW'N TREES:

 $\frac{435.5}{40} = 10.88$

AVE B. A.:

46

TREES/ACRE:

425

DOM./ACRE:

19,550

Man.

8-2-52

T30N

R15E S15 ①

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3505

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		2	3				1			
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif		17								
Carpinus car										
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										
Tsuga can					90					
Thuja occ	30		15	172/36	21	252/112	30/34	84/23	13/16	17/26
Ulmus amer		22								
U. fulva										
Alnus inc		1								
Frax nigra	14	3	23							
Distance	14	6-6	12	10-6	23	15-6	5	19	11-6	14

Mar.

8-2-52

T30N

R15E S15 (2)

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3505

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	31	13	1	40					1	1
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif								30		
Carpinus car										
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										
Tsuga can										
Thuja occ	37	191	16	4	81	20/554	18/254	26/241	61/364	28/183
Ulmus amer										
U. fulva										
Frax nigra		328							2	
Alnus inc							3			
Distance	13	14	3-6	7-6	13-6	10	7	25	13-6	11

Menominee

8-6-52

T 30N R 15E S 15
So. of Road.
Univ. of Wisconsin

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3505

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum	✓									
Betula lut.							1			
B. papyrif										
Carpinus car										
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										
Tsuga can	50	45	30	145	35	14	12	30	40	29
Thuja occ	40	65	35	40	15	15	120	30	13	12
Ulmus amer										
U. fulva										
Fraxinus	✓			✓				1		
Taxus							✓			
Distance	5	9-6	12	13	6	11	8	4-6	12.6	5-6

Menominee

8-6-52

T30N RISE S15
50 of Road

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

STATION NO.	31	2	3	4 <i>mm</i>	5	6 <i>mm</i>	7	8	9	10
<i>Populus balsam</i>								35		
<i>Acer rubrum</i>										
<i>A. sacchar.</i>										
<i>A. spicatum</i>										
<i>Betula lutea</i>	40	30								
<i>B. papyrifera</i>										
<i>Carpinus caroliniana</i>										
<i>Fagus grandifolia</i>										
<i>Ostrya virginica</i>										
<i>Picea glauca</i>										
<i>Pinus Bankiana</i>										
<i>P. resinosa</i>										
<i>P. strobus</i>	90									
<i>Populus balsamifera</i>										
<i>P. grandidentata</i>										
<i>P. tremula</i>										
<i>Prunus pennsylvanica</i>										
<i>Quercus ellipsoidalis</i>										
<i>Q. rubra</i>										
<i>Tilia cordata</i>										
<i>Tsuga canadensis</i>										
<i>Thuja occidentalis</i>	✓ 40	✓ 40	✓ 35 40	✓ 20 23	4 50	✓ 25 14	✓ 35 16	✓ 30	✓ 35 50	✓ 15 16
<i>Ulmus americana</i>										
<i>U. fulva</i>										
<i>Larix laricina</i>					90					
<i>Fraxinus nigra</i>							✓ 1			
Distance	10	5-6	16	15-6	11	22	16-6	6-6	7.6	6-6

Men.

8-2-52

T30 N

R15 E

S15

Data Form No. 18

Plant Ecology Research

Univ. of Wisconsin

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3505
Quadrat No.

12345678910

10 plots

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

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa

Epifagus virginiana

Epigaea repens

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

Polygonatum

Fragaria virginiana

Alder

Labrador

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)

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

✓ 3 Bet lnt

✓ 2 Thuja

✓ 1 White spruce

✓ 1 abies

Men.

8-6-52

T30N R15E S15
So of Road

Data Form No. 18

Plant Ecology Research

Univ. of Wisconsin

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3505
Quadrat No.

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 trisperma~~ 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

Epifagus virginiana

Epigaea repens

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 " canadensis /

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

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) //

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

" cucullata //

Viola pallens

Waldsteinia fragarioides

✓ 5 Ach. sp. //

✓ 4 Bet. lat. //

✓ 1 Taxus canadensis

✓ 4 Frag. virgin. //

✓ 4 abies //

✓ Ribes loc. /

Vaccinium oxycoccus //

TABULATION FORM

Univ. of Wisconsin

Stand No. 3505

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3505-

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

Stand No. 3505

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3505-

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																							
Lycopodium clavatum																							
Lycopodium complanatum																							
Lycopodium lucidulum																							
Lycopodium obscurum																							
Lycopodium tristachyum																							
Lycopus americanus	✓																						
Lycopus uniflorus																							
Lysimachia ciliata																							
Lysimachia quadrifolia																							
Maianthemum canadense	✓																					3	
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense																							
Milium effusum																							
Mitchella repens																							
Mitella diphylla																							
Mitella nuda	✓																					10	
Monarda fistulosa	✓																					1	
Moneses uniflora																							
Monotropa hypopithys																							
Monotropa uniflora																							
Nemopanthus mucronata																							
Onoclea sensibilis	✓																					1	
Orchis spectabilis																							
Oryzopsis asperifolia	✓																						
Oryzopsis racemosa																							
Osmorhiza claytoni	✓																					1	
Osmunda claytoniana	✓																					2	
Osmunda cinnamomea																							
Osmunda regalis	✓																						
Oxalis montana																							
Panax quinquefolius																							
Panax trifolius																							
Panicum latifolium																							
Parietaria pensylvanica																							
Parthenocissus inserta																							
Pedicularis lanceolata																							
Phlox divaricata																							
Phlox pilosa																							
Phyrma leptostachya																							
Pilea pumila																							
Podophyllum peltatum																							
Polemonium reptans																							
Polygala paucifolia																							
Polygonatum canaliculatu																							
Polygonatum pubescens																							
Polypodium virginianum																							
Potentilla arguta																							
Potentilla simplex																							

NORTHERN PINE-HARDWOODS

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>																							
<i>Pteretis pensylvanica</i>																							
<i>Pteridium aquilinum</i>																							
<i>Pyrola asarifolia</i>																							
<i>Pyrola elliptica</i>	✓																						63
<i>Pyrola minor</i>																							
<i>Pyrola rotundifolia</i>																							
<i>Pyrola secunda</i>																							
<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>	✓																						
<i>Ribes triste</i>																							
<i>Rosa</i> sp.																							
<i>Rubus idaeus</i>																							
<i>Rubus parviflorus</i>																							
<i>Rubus hispidus</i>																							
<i>Rubus</i> - blackberry																							
<i>Rubus</i> - dewberry	✓																						63
<i>Rubus</i> - raspberry																							
<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>																							
<i>Symphoricarpos albus</i>																							
<i>Taxus canadensis</i>	✓																						
<i>Thalictrum dioicum</i>																							

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3505

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3505

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3505

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3505

[illegible]

Men.
Date Form No. 17

8-6-52
Pres No. 141
Plant Ecology Research

T30N R15E S15
So. of Road
Univ. of Wisconsin

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3505

- ✓ *Abies balsamea*
- ✓ *Acer rubrum* (seedlings)
- ✓ *Acer saccharum* (seedlings)
- ✓ *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* (seedling)
- Ulmus americana*
- Ulmus fulva*

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*
- 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 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*
- Laporteia 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*

Men.

8-6 52

T30N R15E S15

No. of Road.

3505

Data Form No. 17 (P.2)

Melampyrum lineare	Pyrola elliptica	Smilax herbacea
Mitchella repens	Pyrola rotundifolia	Smilax hispida
Mitella diphylla	Pyrola secunda	Solidago latifolia
Mitella nuda	Ranunculus abortivus	Solidago ulmifolia
Monarda fistulosa	Ranunculus recurvatus	Streptopus amplexifolius
Moneses uniflora	Ranunculus septentrionalis	Streptopus roseus
Monotropa uniflora	Rhus radicans	Taxus canadensis
Myrica asplenifolia	Rhus typhina	Thalictrum dioicum
Onoclea sensibilis	Ribes americanum	Tiarella cordifolia
Oryzopsis asperifolia	Ribes cynosbati	Trientalis borealis
Osmorhiza claytoni	Ribes lacustre	Trillium cernuum
Osmunda cinnamomea	Ribes triste	Trillium grandiflorum
Osmunda claytoniana	Rubus idaeus	Uvularia grandiflora
Oxalis montana	Rubus parviflorus	Uvularia sessilifolia
Panax quinquefolia	Rubus hispidus	Vaccinium angustifolium
Parietaria pennsylvanica	Rubus - blackberry	Vaccinium pennsylvanicum
Parthenocissus vitacea	Rubus - dewberry	Viburnum acerifolium
Pedicularis lanceolata	Rubus - raspberry	Viburnum affine
Phyrma leptostachya	Sambucus canadensis	Viburnum lentago
Podophyllum peltatum	Sambucus pubens	Viola canadensis
Polemonium reptans	Sanguinaria canadensis	Viola cucullata
Polygala pauciflora	Sanicula gregaria	Viola incognita
Polygonatum commutatum	Schizachne purpurascens	Viola pallens
Polygonatum pubescens	Scutellaria lateriflora	Viola pubescens
Potentilla simplex	Shepherdia canadensis	Vitis aestivalis
Prenanthes alba	Smilacina racemosa	Vitis riparia
Pteretis nodulosa	Smilacina stellata	Waldsteinia fragarioides
Pteridium aquilinum	Smilax ecirrhata	Zanthoxylum americanum

Additional Species:

~~leafy orchid Habenaria~~
Habenaria media

Men

8-2-52

T30N RISE

S15

Date Form No. 17

Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO.

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- ✓ *Betula papyrifera*
- Caprinus caroliniana*
- Carya cordiformis*
- Crataegus sp.*
- Fagus grandiflora*
- Fraxinus americana*
- ✓ *Fraxinus nigra*

- Fraxinus pennsylvanica*
- Juglans cinerea*
- Larix laricina*
- Ostrya virginiana*
- ✓ *Picea glauca* (seedlings only)
- Pinus banksiana*
- Pinus resinosa*
- Pinus strobus*
- Populus balsamifera*
- Populus grandidentata*
- Populus tremuloides*
- Prunus pennsylvanica*
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- ✓ *Tsuga canadensis*
- ✓ *Ulmus americana*
- Ulmus fulva*

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- Lycopodium obscurum*
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- Lycopus uniflora*
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- ✓ *Maianthemum canadense*

Mar.

8-2-52

T30 N R15 E S15

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 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
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 Sanguinaria canadensis
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 Schizachne purpurascens
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 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
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 Viburnum affine
 Viburnum lentago
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 Viola cucullata
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 Viola pallens
 Viola pubescens
 Vitis aestivalis
 Vitis riparia
 Waldsteinia fragarioides
 Zanthoxylum americanum

3505

Additional Species:

Rumex Britanica
 Salix
 Cornus stolon
 Lys virgineus
 Eupatorium maculatum
 Glycyrrhiza striata
 Oley verticilla
 Caltha palustris
 Mid. sedge
 Typha latifolia
 Stellaria calycantha