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Site 3506: Shawano County, Township 30N, Range 13E, Section 28. 1952-07-08

[s.l.]: [s.n.], 1952-07-08

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STAND RECORD

FORESTS

Stand No. 3506

Name: _____ Locality: _____
 County: *Shawano (Mar)* T: *30N* R: *13E* Sec: *28 West end.*
 Date: *8-7-52* Observers: *Christensen, Ward, Ware, Bray*
 Size of Stand: _____ Size of Area Sampled: _____
 Forest Type: *White cedar* Soil Type: _____
 Topography: *Flat, lowland, streamside.* Slope: _____ Directions: _____

Condition of Stand:

A few old ^{cut} stumps at road end of stand. Older trees after leaning.

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

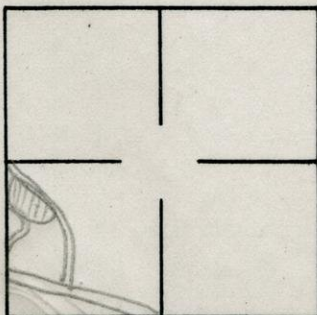
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

✓ = browse presence

Map:



st.

55

Plant Ecology Research
TREE DATA SUMMARY SHEET

T30N, R13E, S38W
University of Wisconsin

Northern Pine-Hardwoods

Station Number: 3506

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Howland	
			-80	-320	321										C. I.	
Abies bals	3	3	3	-	-	99	16	10.74	30	7.5	6.00	3.75	1.42	11.17	33.51	50.26
Acer rubru	1	1	1	-	-	55	-		50	2.5	2.00	1.25	0.79	4.04	28.28	24.24
A. sacchar									5							
A. spicatu							5	3.36								
Betula lut	5	5	4	1	-	260	7	4.70	20	12.5	10.00	6.25	3.73	19.98	129.87	149.85
B. papyrif																
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau	1	1	1	-	-	45				2.5	2.00	1.25	0.65	3.90	9.75	15.60
Pinus Bank																
P. resinosa																
P. strobus																
Populus ba																
P. grandid																
P. tremulo																
Prunus pen																
Quercus el																
Q. rubra																
Tilia amer																
Tsuga cana							5	3.36	5							
Thuja occi	35	63	37	25	1	5811	95	63.76	15	87.5	70.00	78.75	83.37	232.12	464.24	928.48
Ulmus amer																
U. fulva																
Frax. nigra	5	7	1	6	-	700	13	8.72	55	12.5	10.00	8.75	10.04	28.79	129.56	143.95
Alnus rug							8	5.40								
	50	80	47	32	1	6970	149	100.04			100	100	100	300.00	795.21	1312.38

AVE. DIST. BTW'N TREES:

48.25 12.06
40

AVE. B. A.:

87.13

TREES/ACRE:

349

DOM./ACRE:

30,408

Men.

8-7-52

T30 N R13 E S28 West

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3506

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam			✓				✓	✓	✓	✓
Acer rubrum					1			2		
A. sacchar.										
A. spicatum	✓	✓	✓	✓	✓	✓	✓	✓		
Betula lut.	20				1		1		1	
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau	45									
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can					✓		✓		✓	
Thuja occ	4	22/160	✓ 60/20	✓ 250/18	✓ 40/60	✓ 250/20	✓ 45/140	✓ 40/35	✓ 70/3	✓ 85/
Ulmus amer										
U. fulva										
Taxus can	✓		✓	✓		✓		✓		
Fraxinus nigra	✓					✓			140/130	✓
Alnus rug		✓			2			✓		
Distance	10-6	6	5	15-6	11	9	5-6	14-5	12	17
Cornus stolon										✓

ova

Lonicera canadensis



Men

8-7-52

T30 N R13 E S20 West

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POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3506

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		✓	✓		65		14			✓
Acer rubrum										
A. sacchar.										
A. spicatum			✓	✓	✓	✓	✓	✓	✓	✓
Betula lut.	1				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		✓						✓		
Thuja occ	130/35 ✓ 3	150/20 ✓ 4	90/70 ✓ 3	30/50 ✓ 4	✓	24/35 ✓ 4	70	110/45 ✓ 3	160/15 ✓ 2	70/60 ✓ 4
Ulmus amer										
U. fulva										
Toxus canad	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Frax nigra	✓			✓	65		1	✓	2	✓
Distance	11	13-6	13	12	11	6	10	10-6	15	10

Lonicera em ✓

Ribes lacustre

525 COMMON RIBES
CAMPBELL BOND

Men.

8-7-52

T30N

R13E

S20 West

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3506

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam		✓			1	3	20		1	1
Acer rubrum						55				
A. sacchar.										✓
A. spicatum	✓		✓	✓	✓	✓	✓	✓	✓	✓
Betula lut.	30				1		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				✓						
Thuja occ	35	17 13	100 120	120 29	250 150		240	1	495	700 18
Ulmus amer										
U. fulva										
Frax. nigra	✓ 3	✓ 1		✓		100	2	✓ 95 85	85	
Taxus can.	✓	✓		✓	✓					✓
Distance	12	14-6	20-6	16-6	15	11-6	10	12	17-6	13

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Plant Ecology Research

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POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3506

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	✓	✓	✓			✓				
Acer rubrum	1					2	1	2	1	
A. sacchar.			✓							
A. spicatum		✓		✓	✓	✓		✓	✓	✓
Betula lut.		100		80	30					
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							✓			✓
Thuja occ	110/18	190	110/35	120	100	45/40	130/75	75/17	770/180	140/70
Ulmus amer										
U. fulva										
Taxus	✓	✓	✓	✓	✓			✓		✓
Frax nigra				1				✓	✓	✓
Alnus rug.							1			1
Distance	16-6	16	10	7-6	15-6	18	13	13	6-6	6

(over)

Parthenocissis ✓
Ribes lacustre ✓
Lonicera covilleana ✓

✓
✓
✓

WESTERN
CORPORA
GIBBER-BOND

Men.

8-7-52

T30N R13E S28 West

Data Form No. 18

Plant Ecology Research

Univ. of Wisconsin

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3506
Quadrat No.

1111 <i>agrimone gryff</i> Actaea pachypoda	<i>Equisetum arvense</i> 1 Fragaria virginiana	Potentilla simplex
Actaea rubra	Galium lanceolatum	Prenanthes alba
Adiantum pedatum	Galium triflorum II III	Pteridium aquilinum
Allium tricoccum	Gaultheria procumbens	<i>Pteris nodulosa</i> 1 Pyrola elliptica
Anemone quinquefolia	Gaylussacia baccata	Pyrola rotundifolia
Aquilegia canadensis	Geranium maculatum	Pyrola secunda
Aralia nudicaulis	Geum canadense	Ranunculus recurvatus
Aralia racemosa	Gnaphalium obtusifolium	Rhus radicans
Arisaema atrorubens 1	Helianthemum sp.	Ribes americanum
Aster macrophyllus 1	Helianthus strumosus	Rosa sp. <i>lanceata</i> II
Aster sagittifolius	Hepatica acutiloba	Rubus parviflorus
Athyrium angustum	Hepatica americana	Rubus (blackberry)
Botrychium virginianum	Impatiens biflora II	Rubus (dewberry) IIII
Brachyelytrum erectum	Linnaea borealis IIII	<i>Rubus</i> 1 Sambucus pubens
<i>Carex</i> albursina III Carex projecta IIII Caulophyllum thalictroides IIII	<i>Lobelia</i> IIII Lonicera oblongifolia " <i>canadensis</i> III	Sanguinaria canadensis
Chimaphila umbellata	Lupinus perennis	Sanicula gregaria
Circaea alpina II	Lycopodium annotinum	<i>Scutellaria lat.</i> 1 Smilacina racemosa
Circaea latifolia	Lycopodium complanatum	Smilacina stellata
Clintonia borealis 1	Lycopodium lucidulum 1	Smilax ecirrhata
Coptis trifolia IIII	Lycopodium obscurum II	Solidago ulmifolia
Corallorrhiza maculata	<i>Lycopodium</i> can. II Lysimachia quadrifolia	Streptopus roseus
Cornus alternifolia III	Maianthemum canadense 1	Taxus canadensis IIII IIII
Cornus canadensis II	Mitchella repens	Thalictrum dioicum
Cornus rugosa	Mitella diphylla	Trientalis borealis
Corylus americana	Mitella nuda IIII IIII	Trillium grandiflorum
Corylus cornuta	Monotropa uniflora	Uvularia grandiflora
Cypripedium acaule	Myrica asplenifolia	Uvularia sessilifolia
Diervilla lonicera	Onoclea sensibilis 1	Vaccinium angustifolium
Dirca palustris	Oryzopsis asperifolia	Vaccinium pennsylvanicum
Dryopteris linnaeana IIII IIII	Osmorhiza claytoni	Viburnum acerifolium
Dryopteris phegopteris II	<i>Comunda clytoniana</i> 1 Oxalis montana 1	Viola canadensis
Dryopteris spinulosa IIII IIII	Phryma leptostachya	Viola cucullata
Epifagus virginiana	Polygala pauciflora	<i>Viola</i> maculata IIII Viola pallens
Epigaea repens	Polygonatum commutatum	Viola pubescens
	Polygonatum pubescens.	Waldsteinia fragarioides

✓ 6 abies IIII 1
 ✓ 10 acer spec ~~IIII~~ IIII
 ✓ 3 Thuja III
 ✓ 11 praxinos ~~IIII~~ IIII
nigra

~~Cornus alt.~~ II
 ✓ 4 Bet. lit III
 ✓ 1 Tsuga 1
 ✓ 1 acer sacch 1

~~Sp. rosata~~

Men.

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T30N

R13E S20West

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Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3506

- ✓ *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*

Men

8-7-52

T30N

R13E S28 West

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- Melampyrum lineare
- Mitchella repens
- Mitella diphylla
- Mitella nuda
- Monarda fistulosa
- Moneses uniflora
- Monotropa uniflora
- Myrica asplenifolia
- ✓ Onoclea sensibilis
- Oryzopsis asperifolia
- ✓ Osmorhiza claytoni
- Osmunda cinnamomea
- ✓ Osmunda claytoniana
- ✓ Oxalis montana
- Panax quinquefolia
- Parietaria pennsylvanica
- ✓ Parthenocissus vitacea
- Pedicularis lanceolata
- Phyrma leptostachya
- Podophyllum peltatum
- Polemonium reptans
- Polygala pauciflora
- Polygonatum commutatum
- Polygonatum pubescens
- Potentilla simplex
- Prenanthes alba
- ✓ Pteretis nodulosa
- Pteridium aquilinum

- ✓ Pyrola elliptica
- Pyrola rotundifolia
- Pyrola secunda
- Ranunculus abortivus
- Ranunculus recurvatus
- Ranunculus septentrionalis
- Rhus radicans
- Rhus typhina
- Ribes americanum
- Ribes cynosbati
- ✓ Ribes lacustre
- Ribes triste
- Rubus idaeus
- Rubus parviflorus
- Rubus hispidus
- Rubus - blackberry
- Rubus - dewberry ✓
- Rubus - raspberry
- ✓ Sambucus canadensis
- Sambucus pubens
- Sanguinaria canadensis
- Sanicula gregaria
- Schizachne purpurascens
- ✓ Scutellaria lateriflora
- Shepherdia canadensis
- Smilacina racemosa
- Smilacina stellata
- Smilax ecirrhata

- Smilax herbacea
- Smilax hispida
- ✓ Solidago latifolia
- Solidago ulmifolia
- Streptopus amplexifolius
- ✓ Streptopus roseus
- ✓ Taxus canadensis
- ✓ Thalictrum dioicum
- Tiarella cordifolia
- ✓ Trientalis borealis
- Trillium cernuum
- Trillium grandiflorum
- Uvularia grandiflora
- Uvularia sessilifolia
- Vaccinium angustifolium
- Vaccinium pennsylvanicum
- Viburnum acerifolium
- Viburnum affine
- Viburnum lentago
- Viola canadensis
- Viola cucullata
- Viola incognita
- Viola pallens
- Viola pubescens
- Vitis aestivalis
- Vitis riparia
- Waldsteinia fragarioides
- Zanthoxylum americanum

Additional Species:

Solidago canadensis

Cornus stolon

Solid

Thistle Cirsium nutticum

Taraxacum

~~Small polygonum~~ *Polygonum ciliolode*

Slycena striata

Carex intumescens

Polypodium virginianum

Saxifraga pennsylvanica