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Site 3508: Shawano County, Township 30N, Range 13E, Section 16. 1952-08-07

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

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STAND RECORD

FORESTS

Stand No. 3508

Name:

County:

Date:

Size of Stand:

Forest Type:

Topography:

Locality:

T: 30N R: 13E

Sec: 16

E side

Observers:

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

Wet with patches of sphagnum & other mosses.
Very spotty cutting, but not in sampled area.

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.)

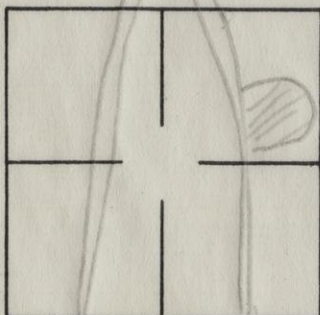
A₀A₁A₂

B

Parent Material:

✓ = browse presence

Map:



TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3508

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	3	3	2	1	-	128	2	1.32							
Acer rubru	13	3	2	1	-	128	7	4.61	35	7.50	5.56	3.75	2.32	11.63	81.41 69.78
A. sacchar									5						
A. spicatu									20						
Betula lut	10	10	2	8	-	1180	4	3.95	25	25.0	18.52	12.50	21.47	52.49	341.19 393.67
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus	1	1	-	1	-	120				2.5	1.85	1.25	2.18	5.28	15.84 21.12
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana	40	66	51	15	-	4068	136	89.47	20	100	74.07	82.50	74.02	230.59	1729.43 1960.00
Thuja occi							1	0.66							
Ulmus amer															
U. fulva															
	54	80	55	25		5496	152	100.01			100	100	99.99	299.99	2167.87 2444.57

AVE. DIST. BTW'N TREES:

 $\frac{5040}{40} = 12.6$

AVE B. A.:

68.7

TREES/ACRE:

317

DOM./ACRE:

21,778

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3508

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum							27 ✓		16 ✓	
A. sacchar.										
A. spicatum		✓				✓				✓
Betula lut.	100	1 ✓	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	27 ✓	40 ✓	20 ✓	320 ✓	22 ✓	15 ✓	15 ✓	50 ✓	55 ✓	20 ✓
Thuja occ										
Ulmus amer										
U. fulva										
Distance	13	10	20-6	16	10	15	17	8	21	17

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3508

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	✓									
Acer rubrum	85	✓		1	2	1				
A. sacchar.										
A. spicatum						✓		✓		✓
Betula lut.				110	✓ 140	✓ 110	✓			
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	30 ✓ 30 3	40 ✓ 40 4	60 ✓ 110 3	85 ✓ 85 3	75 ✓ 75 2	130 ✓ 130 3	15 ✓ 65 3	70 ✓ 40 4	150 ✓ 20 3	110 ✓ 20 1
Thuja occ			1							
Ulmus amer					140					
U. fulva										
Lonicera canad									✓	
Cornus alt									✓	
Amelanchier										✓
Distance	14	7	12	24	12	13	11-6	9	14	7

Torus

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3508

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum							✓			
A. sacchar.										
A. spicatum									✓	
Betula lut.				1	2	✓	✓	45	140	140
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	30/28	12/30	13/15	100/20	60/40	75/12	80/30	120/4	50/35	160/4
Thuja occ										
Ulmus amer										
U. fulva										
Lonicera Corp				✓				✓		
Nemophylla						✓				
Distance	7	8	11	10	14-6	14	14-6	20	12	19

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3508

STATION NO.	31	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>										
<i>Acer rubrum</i>										
<i>A. sacchar.</i>										
<i>A. spicatum</i>										
<i>Betula lut.</i>		160	15	140					220	
<i>B. papyrif</i>										
<i>Carpinus car</i>										
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>										
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobus</i>							120			
<i>Populus bals</i>										
<i>P. grand</i>										
<i>P. trem</i>										
<i>Prunus pen.</i>										
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										
<i>Tsuga can</i>	60 130	90	60	80	45	40	120	45	50	25
<i>Thuja occ</i>										
<i>Ulmus amer</i>										
<i>U. fulva</i>										
Distance	6	12	7-6	12	9	12	16	10	11	76

TABULATION FORM

Univ. of Wisconsin

Stand No. 3508

[illegible]

Stand No. 3508

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	✓																					17	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓																					9	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia	✓																						
Cornus canadensis	✓																					8	
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 bootii																							
Dryopteris cristata																							
Dryopteris goldiana																							
Dryopteris disjuncta	✓																						
Dryopteris phegopteris																							
Dryopteris spinulosa	✓																					8	
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense																							
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

[illegible]

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

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>																						
<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																						
<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>																						

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3508

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3508

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3508

[illegible]

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3508
Quadrat No.

Actaea pachypoda

Actaea rubra .

Adiantum pedatum

Allium tricoccum

Anemone quinquefolia

Aquilegia canadensis

Aralia nudicaulis 1

Aralia racemosa

Arisaema atrorubens

Aster macrophyllus

Aster sagittifolius

Athyrium angustum

Botrychium virginianum

Brachyelytrum erectum

Carex albursina 1

Caulophyllum thalictroides

Chimaphila umbellata

Circaea alpina

Circaea latifolia

Clintonia borealis 111 111 111

Coptis trifolia 111 111

Corallorrhiza maculata

Cornus alternifolia

Cornus canadensis 111 111

Cornus rugosa

Corylus americana

Corylus cornuta

Cypripedium acaule

Diervilla lonicera

Dirca palustris

Dryopteris linnaeana

Dryopteris phegopteris

Dryopteris spinulosa 111 111

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 111 111

Mitchella repens

Mitella diphylla

Mitella nuda

Monotropa uniflora

Myrica asplenifolia

Onoclea sensibilis

Oryzopsis asperifolia 111

Osmorhiza claytoni

Oxalis montana 111 111 111

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 111 111

Trillium grandiflorum

Uvularia grandiflora

Uvularia sessilifolia

Vaccinium angustifolium

Vaccinium pennsylvanicum

Viburnum acerifolium

Viola canadensis

Viola cucullata

Viola pallens

Viola pubescens

Waldsteinia fragarioides

Vac. Oxygoccos 1

✓ 4 Acer spic 111 ✓ 4 Thuja 111
 ✓ 7 Acer rub 111 ✓ 5 Bet. lat. 111
 ✓ 1 Acer sacch. 1

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3508

✓ *Abies balsamea*
Acer rubrum
Acer saccharum
Acer spicatum
Amelanchier sp.
Betula lutea
Betula papyrifera
Caprinus caroliniana
Carya cordiformis
Crataegus sp.
Fagus grandiflora
Fraxinus americana
Fraxinus nigra

Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
Picea glauca
Pinus banksiana
Pinus resinosa
 ✓ *Pinus strobus* (seed)
Populus balsamifera
Populus grandidentata
Populus tremuloides
Prunus pennsylvanica
Prunus serotina

Prunus virginiana
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Sorbus decora
 ✓ *Thuja occidentalis*
Tilia americana
 ✓ *Tsuga canadensis*
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Alnus rugosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Antennaria sp.
Apocynum androsaemifolium
Apocynum cannabinum
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arctostaphylos uva-ursi
Arisaema atrorubens
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
Aster lateriflorus
Aster macrophyllus
Aster prenanthoides
Aster sagittifolius
Aster shortii
Aster umbellatus
Athyrium angustum
Aureolaria pedicularia
Boehmeria cylindrica
Botrychium virginianum
Brachyelytrum erectum
Bromus purgans
Campanula americana
Carex albursina
Carex pennsylvanica
Caulophyllum thalictroides
Celastrus scandens
Chimaphila umbellata
Chiogenes hispidula

Circaea alpina
Circaea latifolia
Claytonia caroliniana
Claytonia virginiana
Clintonia borealis
Convolvulus spithameus
Coptis trifolia
Corallorrhiza maculata
Corallorrhiza striata
Cornus alternifolia
Cornus canadensis
Cornus femina
Cornus rugosa
Corylus americana
Corylus cornuta
Cryptotaenia canadensis
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
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
 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:

Iris virginica
Cyperpedium acaule
~~*Vas. canad*~~
Saxopus cyperinus
Carex projecta
Vaccinium Oxycoccus