



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 3566: Kewaunee County, Township 25N, Range 23E, Section 26. 1953-06-16

[s.l.]: [s.n.], 1953-06-16

<https://digital.library.wisc.edu/1711.dl/Q76ZYNYGILYFH8V>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

STAND RECORD

FORESTS

Stand No. 3566

Name:

County: *Waushara*Date: *6-16-53*Size of Stand: *20?*Forest Type: *American elm*Topography: *Flat, lowland*

Locality:

T: *25N* - R: *23E* Sec: *26*Observers: *Christensen*Size of Area Sampled: *10 acres?*

Soil Type:

Slope:

Directions

Condition of Stand:

A small stand that has been undisturbed by cutting for a long time, but the canopy is rather open and there is much blow down and top-ups. Large American elms tower over all. No sign of deer or grazing. A few old, burned stumps were seen.

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

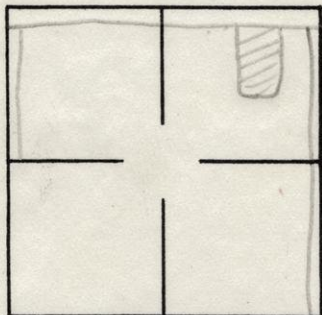
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

X = browse presence

Map:



20 pbs.
11 gds.

Plant Ecology Research
TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3566

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	3			94	2	2.50		15.0	6.12	3.75	1.07	10.94	32.82 49.23
Acer rubru							3	3.75							
A. sacchar															
A. spicatu							20	25.00	9.1						
Betula lut	1	1	1			70				5.0	2.04	1.25	0.80	4.09	26.59 30.67
B. papyrif	4	5	4	1		314	2	2.50		20.0	8.16	6.25	3.59	18.00	81.00 90.00
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau							1	1.25							
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba	1	2	1	1		314				5.0	2.04	2.50	3.59	8.13	28.46 36.58
P. grandid															
P. tremulo	1	1	1			45			9.1	5.0	2.04	1.25	0.51	3.80	13.30 17.10
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	11	16	14	2		846	23	28.75	9.1	55.0	22.45	20.00	9.67	52.12	104.24 208.48
Ulmus amer	15	32	2	27	3	6105	1	1.25	9.1	75.0	30.61	40.00	69.81	140.42	709.10 772.31
→ Alnus rug A. fulva							3	3.75							
Frax. nigra	13	20	19	1		957	21	26.25	36.4	65.0	26.53	25.00	10.94	62.47	281.12 312.35
Prunus vir							1	1.25							
Larx. can							3	3.75							
	49	80	45	32	3	8745	80	100			99.99	100.00	99.98	299.97	4276.63 1516.72

AVE. DIST. BTW'N TREES:

AVE. B. A.:

TREES/ACRE:

DOM./ACRE:

109.31

Thuya

52.88

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3566

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		60	22							
Acer rubrum										
A. sacchar.										
A. spicatum			3			1	4	2	3	1
Betula lut.										
B. papyrif	45 24	1				40				
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau				1						
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can									140	
Thuja occ	80	75	30	2	2	3	X	X	50	24
Ulmus amer		70	255	175	125	85		220	2785	170
			130	100	135	85		370		2
U. fulva				105				270		
Frax. max	16	X	X	X	X	30	180	45	150	45
	28	3	14	1	55	16	60			14
Alnus rug			3				30			
Rasp.										
Sam Can										
Distance				1	9	X				X

3566

2

Rites an

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3566

[illegible]

Rasp

X X X

HERB FREQUENCY

Asplenium am 1
Pop. trem. 1

Actaea pachypoda
Actaea rubra .
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens 3
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 2
Epifagus virginiana
Epigaea repens

Lycopodium am 23
Lactuca can. 2
Parthenocissus 4

NORTHERN PINE-HARDWOODS

Frax nigra 2
Thuja 4

Fragaria virginiana
Galium lanceolatum
Galium triflorum 13
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense 34
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 12345
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
Oncoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni 124
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Stand No.
 Quadrat No. 1-5

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum 2
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry)
Sambucus pubens 35
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

Viola 24
pennsylvanica

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No. 6-10

Frax nigra 15
Acer spic 4
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 1
 Aralia racemosa
 Arisaema atrorubens 4
 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 25
 Epifagus virginiana
 Epigaea repens

Parthenocissus 1
Lycopodium 45

Fragaria virginiana
 Galium lanceolatum
 Galium triflorum 135
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana
 Impatiens biflora 1245
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense 3
 Mitchellia repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia
 Osmorhiza claytoni 4
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens

Lycopodium 45

Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum 35
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry)
 Rubus (dewberry) 2
 Sambucus pubens 3
 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

Viola 13
pennsylvanica

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3566
Quadrat No. 11

Frax nigra
 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
 Cypridium 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
 Mitchellia 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
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

Viola
pennsylvanica

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3566

Stand No. 3566

[illegible]

Stand No. 3566

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3566

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	11 66
<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>	✓		✓	✓						✓	✓											4
<i>Lycopus uniflorus</i>																						
<i>Lysimachia ciliata</i>	✓									✓												1
<i>Lysimachia quadrifolia</i>																						
<i>Maianthemum canadense</i>	✓								✓													1
<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>	✓											✓										1
<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>	✓	✓	✓		✓					✓												4
<i>Osmunda claytoniana</i>																						
<i>Osmunda cinnamomea</i>																						
<i>Osmunda regalis</i>																						
<i>Oxalis montana</i>																						
<i>Panax quinquefolius</i>																						
<i>Panax trifolius</i>																						
<i>Panicum latifolium</i>																						
<i>Parietaria pensylvanica</i>																						
<i>Parthenocissus inserta</i>	✓				✓		✓															2
<i>Pedicularis lanceolata</i>																						
<i>Phlox divaricata</i>																						
<i>Phlox pilosa</i>																						
<i>Phyrra 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>																						

[illegible]

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3566

[illegible]

STAND NO. 3566

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3566

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3566

☒ *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

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
Phytolacca 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
Pteris nodulosa	✓ Smilacina stellata	Waldsteinia fragarioides
Pteridium aquilinum	Smilax ecirrhata	✓ Zanthoxylum americanum

Additional Species:

Clematis virginiana
Conium maculatum
Hebena stricta
Solanum tuberosum
Carex narrow
Aster pumilus
Arctium
Prickly ash
Carex trisperma
Silybum maritimum
Caltha palustris