



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 3546: Door County, Township 26N, Range 25E, Section 22. 1952-09-14

[s.l.]: [s.n.], 1952-09-14

<https://digital.library.wisc.edu/1711.dl/EEFAXFSWD2PH78H>

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.

00
3546

Name:

Locality:

County: Door

T: 26N R: 25E Sec: 22

Date: 9-14-52

Observers: Chittenden

Size of Stand:

Size of Area Sampled:

Forest Type: White Cedar

Soil Type:

Topography: Flat, lowland

Slope:

Directions:

Condition of Stand:

a few deer droppings were observed and some deer tracks. Considerable old white cedar cutting number 11-32. Stump old and mostly disintegrated. Mowfall heavy in spots. No cutting on Nos. 1-10 + 33-40. Canopy rather dense throughout. No evident deer browsing. Perhaps should be considered two areas (1-10) + (31-40) + 11-30.

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

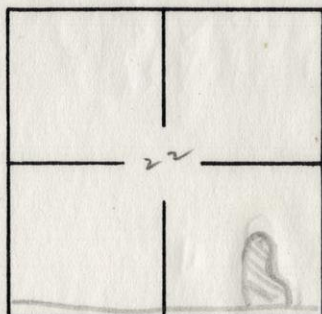
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

✓ = browse presence

Map:



Northern Pine-Hardwoods

Station Number: 3546

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	LOWLAND J.T.C. C. I.
			-80	-320	321										
Abies bals	1	1	1			30	3	1.95		2.5	1.67	1.25	1.00	39.2	11.76 17.64
Acer rubru									15						
A. sacchar															
A. spicatu							6	3.90	20						
Betula lut	2	2	1	1		224	2	1.30		5.0	3.33	2.50	2.47	13.30	86.45 99.75
B. papyrif	9	9	8	1		346	5	3.25	10	22.5	15.00	11.25	11.54	37.79	170.06 188.95
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba							1	0.65							
P. grandid															
P. tremulo	1	1	1			22	1	0.65		2.5	1.67	1.25	0.73	3.65	12.78 16.42
Prunus pen															
→ Frax. nigra Quercus el									5						
→ Prunus ser Q. rubra							1	0.65							
Tilia amer							2	1.30							
→ Salix Tsuga cana							2	1.30							
39.91 245.8 Thuja occi	37	57	54	3		1876	96	62.34	15	92.5	61.67	71.25	62.58	195.50	391.00 782.00
Ulmus amer	2	2		2		290				5.0	3.33	2.50	9.67	15.50	77.50 85.25
→ Alnus rug. U. fulva							30	19.48							
Prunus vir							4	2.60	5						
Picea mar.	1	1	1			30	1	0.65		2.5	1.67	1.25	1.00	3.92	5.88 7.84
Larix lar.	7	7	7			180				17.5	11.67	8.75	6.00	26.42	26.42 26.42
	60	80	73	7		2998	154	100.02			100.01	100	99.99	300	781.81 1224.27

AVE. DIST. BTW'N TREES:

 $\frac{483}{40} = 12.08$

AVE B. A.:

37.48

TREES/ACRE:

345

DOM. /ACRE:

12,931

TREE DATA SUMMARY SHEET

Northern Pine-Barbwoods

Station Number: 3244

AVE. DIST. 37M' N 19233

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3546
00

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam								1		
Acer rubrum										
A. sacchar.										
A. spicatum				✓	1		✓	1	2	
Betula lut.				✓						
B. papyrif			✓	3 19	226					
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.		1	1					1		
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	26 13	30 12	70 55	75	50	16 13	55 95	100	70	45 20
Ulmus amer								120	170	
U. fulva										
Alnus	1	2	✓	✓		3		✓		
llex				✓						
Pris mor				1						
Distance	8	9-6	9	15	13	9-6	13	10-6	14	10-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3546
00

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif					25	12				
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	1							22		
Prunus pen.		1								
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	19/15 ✓	16/27 ✓	23/4 ✓	16/14 ✓	15/4 ✓	25/4 ✓	19/4 ✓	12/4 ✓	21/15 ✓	13/18 ✓
Ulmus amer										
U. fulva										
Alnus	3 ✓			✓			✓	✓	✓	✓
Larix			40				20			
Salix										5
Distance	6-6	10	12	5-6	6-6	7	15-6	7	10	19

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 354600

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum	1									
Betula lut.										
B. papyrif					30	24		60		
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen. ser			1							
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	18 20 23	19 19 19	19 19 22	20 3 20	1	4	4 12 35	4 14 14	5 19 5	12 12 18
Ulmus amer										
U. fulva										
Alnus	1	3		3				2	3	
L. sp.										
L. sp.				14	35	8		45		
Distance	15	15	8-6	7-6	15	8	13	9	16	9-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3576 00

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam									1	30
Acer rubrum										
A. sacchar.										
A. spicatum	1	✓				✓	✓			✓
Betula lut.				✓	1	✓		13	190 21	
B. papyrif						65		85		
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			1		1					
Tsuga can										
Thuja occ	75 ✓ 45 1	45 ✓ 40 4	110 70	19 17 3	25	1	35 ✓ 4	35 ✓ 3	✓ 3	20 3 18 3
Ulmus amer										
U. fulva										
Alnus	2		3							✓
Prunus pennsylv					30					
Comus slo						✓				
Distance	12-6	8-6	21	12	33	8-6	17-6	10	17-6	15

over

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3546

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3546

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	✓																					4	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓																					2	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia																							
Cornus canadensis	✓																					3	
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	✓																					4	
Dryopteris phegopteris	✓																						
Dryopteris spinulosa	✓																					11	
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense	✓																						
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

Stand No. 3546

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Fragaria vesca</i>																							
<i>Galium aparine</i>																							
<i>Galium boreale</i>																							
<i>Galium circaezans</i>																							
<i>Galium concinnum</i>																							
<i>Galium lanceolatum</i>																							
<i>Galium triflorum</i>	✓																						7
<i>Gaultheria hispidula</i>																							
<i>Gaylussacia baccata</i>																							
<i>Geranium maculatum</i>																							
<i>Gerardia pedicularia</i>																							
<i>Geum canadense</i>																							
<i>Geum rivale</i>																							
<i>Gnaphalium obtusifolium</i>																							
<i>Goodyera oblongifolia</i>																							
<i>Goodyera pubescens</i>																							
<i>Goodyera repens</i>																							
<i>Habenaria bracteata</i>																							
<i>Habenaria orbiculata</i>																							
<i>Hackelia virginiana</i>																							
<i>Halenia deflexa</i>																							
<i>Hamamelis virginiana</i>																							
<i>Helianthus strumosus</i>																							
<i>Hepatica acutiloba</i>																							
<i>Hepatica americana</i>																							
<i>Heuchera richardsonii</i>																							
<i>Hieracium canadense</i>																							
<i>Hieracium scabrum</i>																							
<i>Hydrophyllum virginianum</i>																							
<i>Hystrix patula</i>																							
<i>Ilex verticillata</i>	✓																						4
<i>Impatiens biflora</i>	✓																						2
<i>Impatiens pallida</i>																							
<i>Isopyrum bitermum</i>																							
<i>Krigia biflora</i>																							
<i>Lactuca canadensis</i>	✓																						
<i>Laportea canadensis</i>																							
<i>Lathyrus ochroleucus</i>																							
<i>Lathyrus venosus</i>																							
<i>Ledum groenlandicum</i>																							
<i>Lilium michiganense</i>																							
<i>Linnaea borealis</i>	✓																						2
<i>Lithospermum canescens</i>																							
<i>Lobelia inflata</i>																							
<i>Lonicera canadensis</i>	✓																						
<i>Lonicera hirsuta</i>																							
<i>Lonicera oblongifolia</i>																							
<i>Lonicera prolifera</i>																							
<i>Lupinus perennis</i>																							
<i>Luzula acuminata</i>																							
<i>Luzula multiflora</i>																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3546

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3546

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	✓																						10
<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>	✓																						3
<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>	✓																						1
<i>Thalictrum dioicum</i>	✓																						

Data Form No. 23

Plant Ecology Research

Univ. of Wisconsin

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3546

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3546

[illegible]

STAND NO. 3546

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3546

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3546

✓ *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

Picea mariana

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 hispida

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 circaeazans
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 IIII
 Monarda fistulosa
 Moneses uniflora
 Monotropa uniflora
 Myrica asplenifolia
 ✓ Onoclea sensibilis IIII
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Osmunda cinnamomea
 Osmunda claytoniana
 Oxalis montana
 Panax quinquefolia
 Parietaria pennsylvanica
 ✓ Parthenocissus vitacea I
 Pedicularis lanceolata
 Phytolacca leptostachya
 Podophyllum peltatum
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 ✓ Polygonatum pubescens II
 Potentilla simplex
 Prenanthes alba
 ✓ Pteris 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 IIII
 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 3546
 Solidago latifolia
 Solidago ulmifolia
 Streptopus amplexifolius
 Streptopus roseus
 ✓ Taxus canadensis I
 ✓ Thalictrum dioicum
 Tiarella cordifolia
 Trientalis borealis IIII
 Trillium cernuum
 ✓ Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 Viburnum affine
 Viburnum lentago
 Viola canadensis
 Viola cucullata
 Viola incognita IIII
 Viola pallens
 Viola pubescens
 Vitis aestivalis
 Vitis riparia
 Waldsteinia fragarioides
 Zanthoxylum americanum

Additional Species:

Carex tri IIII
~~Trillium~~
 Elymus striata
 Cinna arundinacea I
~~Hightch~~ Solanum nigrum
 Osmunda regalis
 Eupatorium
 Eupatorium maculatum
~~Narrow leaf white~~ Asta simplex
 Salix
 Eup. perfoliatum
 Epilobium glandulosum
 Solidago canadensis IIII
 Yucca can I
 Oley IIII