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Site 3550: Door County, Township 30N, Range 28E, Section 11. 1952-09-15

[s.l.]: [s.n.], 1952-09-15

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STAND RECORD

FORESTS

Stand No. 3550

Name:

Locality:

County: Door

T: 30N R: 28E

Sec: 11

Date: 9-15-52

Observers: Christensen

Size of Stand:

Size of Area Sampled:

Forest Type: White cedar Birch

Soil Type:

Topography: Rolling, upland

Slope:

Directions

Condition of Stand:

A few old rotten stumps, showing fire scars. No cutting. Many dead + broken trees. Some large Pine, spruce, + Balsam scattered throughout. A few deer droppings were observed. Considerable rabbit browsing of Rubus, paw. + aspen.

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

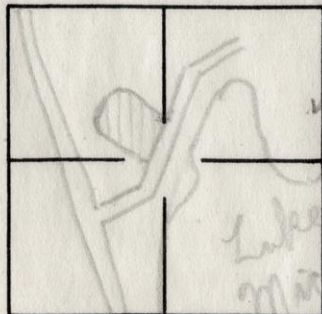
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

✓ = browse presence

Map:



Note: A few deer wintered in the general area in 1952-53.

TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3550

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Upland C. I.
			-80	-320	321										
Abies bals	3	3	3			49	91	58.33	25	7.5	4.48	3.75	1.99	10.22	71.54
Acer rubru															
A. sacchar															
A. spicatu									15						
Betula lut															
B. papyrif	19	22	22			533	7	4.49		47.5	28.36	27.50	21.65	77.51	382.55
Carpinus c	3	3													
Fagus gran															
Ostrya vir															
Picea glau	3	3	1	1		151			10	7.5	4.48	3.75	6.13	14.36	86.16
Pinus Bank															
P. resinosa															
P. Strobus	9	9	5	4		503	2	1.28	5	22.5	13.43	11.25	20.43	45.11	225.55
Populus ba															
P. grandid															
P. tremulo	2	2	1	1		145	1	0.61	15	5.0	3.99	2.50	5.89	11.38	22.76
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	31	41	41			1081	53	33.97	5	77.5	46.27	51.25	43.91	141.43	990.01
Ulmus amer															
U. fulva															
check Cornus rug							2	1.28							
Amelanchier									15						
Sambus den									5						
	67	80	74	6		2462	156	99.96			100.01	100	100	300.01	1783.57

AVE. DIST. BTW'N TREES:

$$\frac{546}{40} = 13.65$$

AVE. B. A.:

30.77

TREES/ACRE:

270

DOM./ACRE:

8,308

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3550

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam			3	2	3	23	1			
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif	18/15	30	1		40		13		1	
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										90
Pinus Bank										
P. resinosa										
P. Strobus	120	27	18						100	110
Populus bals										
P. grand										
P. trem						1				
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	3	3	40	18	2	16	1	26	15	2 1/3
Ulmus amer										
U. fulva										
Cornus rugosa							2			
Distance	13-6	16-6	17-6	6-6	9	12	13-6	8-6	7-6	15

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3550

STATION NO.	1	2	3	4	5	6	7	8	9	10		
Abies balsam	✓ 2	✓ 1	1	1			✓	✓ 4	✓ 4	✓ 4		
Acer rubrum												
A. sacchar.												
A. spicatum												
Betula lut.												
B. papyrif	1	14	20	27	26	28 30		24 12	29			
Carpinus car												
Fagus gran												
Ostrya virg												
Picea glau												
Pinus Bank												
P. resinosa												
P. Strobis										22		
Populus bals												
P. grand												
P. trem												
Prunus pen.												
Quercus ell												
Q. rubra												
Tilia amer												
Tsuga can												
Thuja occ	35 50	21	3	14	2	23 29	3	17	2	4	50 17	18 19
Ulmus amer												
U. fulva												
Rubus par												
Distance	19	15	6	14	13-6	13	9	15	20-6	25		

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3550

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam	12 ✓	14 ✓	3	3	4 ✓	4 ✓	✓	4 ✓	4 ✓	2
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif		1			13	19		29	30 45	
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau					26					
Pinus Bank										
P. resinosa										
P. Strobus			100							
Populus bals										
P. grand										
P. trem	110									
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ		35	17	21 30	✓	12	26 40	13	14	17 45
Ulmus amer										
U. fulva										
Rubus			✓	✓				✓	✓	
Ribes lacustre					✓					
Cornus rug									✓	
Distance	6	29	16	6	9	12	12-6	16	15	11-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3550

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	✓ 4	✓ 4	✓ 2	✓ 4	✓ 3		✓ 3	✓ 4	✓ 4	✓ 4
Acer rubrum										
A. sacchar.										
A. spicatum			1							
Betula lut.										
B. papyrif	28			14				19	18	
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau							35			
Pinus Bank										
P. resinosa										
P. Strobus			1		85					21
Populus bals										
P. grand										
P. trem								35		
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	17	30/21	40/25	50	25/16	12	4	30	20	25
Ulmus amer										
U. fulva										
Rubus penn		✓	✓							
Ribes lac			✓							
Distance	14	12	10	16	12	12-6	19-4	17	15-6	15

Data Form No. 23

Plant Ecology Research

Univ. of Wisconsin

Stand No. 3550

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
HERBS:																							
Actaea pachypoda																							
Actaea rubra																							
Adenocaulon bicolor																							
Adiantum pedatum																							
Agrimonia grypsosepala																							
Allium tricoccum																							
Alnus incana																							
Alnus rugosa																							
Amphicarpa bracteata																							
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia																							
Antennaria sp.																							
Apocynum androsaemifoliu																							
Apocynum cannabinum																							
Aquilegia canadensis																							
Aralia hispida																							
Aralia nudicaulis	✓																					8	
Aralia racemosa																							
Arctostaphylos uva-ursi																							
Arisaema atrorubens																							
Asarum canadense																							
Asclepias exaltata																							
Aster cordifolius																							
Aster lateriflorus																							
Aster macrophyllus	✓																					20	
Aster prenanthoides																							
Aster sagittifolius																							
Aster shortii																							
Aster umbellatus																							
Athyrium filix-femina																							
Athyrium thelypteroides																							
Boehmeria cylindrica																							
Botrychium lanceolatum																							
Botrychium matricariaefol																							
Botrychium virginianum																							
Brachyelytrum erectum																							
Bromus purgans	✓																						
Campanula americana																							
Campanula rotundifolia																							
Cardamine pensylvanica																							
Carex albursina																							
Carex pensylvanica																							
Carex plantaginea																							
Caulophyllum thalictroid																							
Ceanothus ovatus																							
Celastrus scandens																							
Chimaphilia umbellata																							
Cicuta maculata																							
Circaea alpina																							
Circaea quadrisulcata																							

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3550

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

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3550

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

Stand No. 3550

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>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>	✓																						9
<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>	✓																						4
<i>Oryzopsis racemosa</i>																							
<i>Osmorhiza claytoni</i>																							
<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>																							
<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>																							

[illegible]

Data Form No. 23

Plant Ecology Research

Univ. of Wisconsin

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3550

[illegible]

TAPULATION FORM

NORTHERN LOWLANDS

STAND NO. 3550

[illegible]

STAND NO. 3550

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3550

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3550 SS

✓ *Abies balsamea* III
Acer rubrum
Acer saccharum
 ✓ *Acer spicatum* III
 ✓ *Amelanchier* sp. III
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* II
Pinus banksiana
Pinus resinosa
 ✓ *Pinus strobus* I
Populus balsamifera
Populus grandidentata
 ✓ *Populus tremuloides* III
Prunus pennsylvanica
Prunus serotina

Prunus virginiana
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
 ✓ *Sorbus decora* I
 ✓ *Thuja occidentalis* I
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* III
Aralia racemosa III
Arctostaphylos uva-ursi
Arisaema atrorubens
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
Aster lateriflorus
Aster macrophyllus III III III III
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 III III
Cornus femina
Cornus rugosa II
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 III
Galium aparine
Galium boreale
Galium circaezans
Galium concinnum

Galium lanceolatum
 ✓ *Galium triflorum* I
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Goodyera pubescens
 ✓ *Goodyera repens* I
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Hepatica americana II
Hieracium canadense
Hydrophyllum virginianum
Hystrix patula
Impatiens biflora
Lactuca canadensis
Laportea canadensis
Lappula virginica
Lathyrus ochroleucus
Ledum groenlandicum
Linnaea borealis III III III
 ✓ *Lonicera canadensis* I
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

Data Form No. 17 (P.2)

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 HHHH
 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 3550
 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 HHH //
 Viola pallens
 Viola pubescens
 Vitis aestivalis
 Vitis riparia
 Waldsteinia fragarioides
 Zanthoxylum americanum

Additional Species:

? Aster-like ///
 ? Cornus stolonifera
 ? Carex broadleaf (grass?) ///
 Rosette / Solidago patula /
 Carex narrow leaf
 Rosa /
 Taraxacum
 ? Pyrola-like /