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Site 3551: Door County, Township 32N, Range 28E, Section 14. 1952-09-17

[s.l.]: [s.n.], 1952-09-17

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Deeryard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3551

Name:

Locality:

County: *Dou*

T: *32N* R: *28E* Sec: *14*

Date: *9-17-52*

Observers: *Christensen*

Size of Stand:

Size of Area Sampled:

Forest Type: *white cedar-black ash*

Soil Type:

Topography: *Lowland, flat*

Slope:

Directions

Condition of Stand:

"Deeryard" with light browsing of Acer spicatum and Taxus. No recent cutting, but some large old stumps with fire scars. Considerable wind-thrown trees. Dense canopy. Deer tracks were observed and droppings.

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

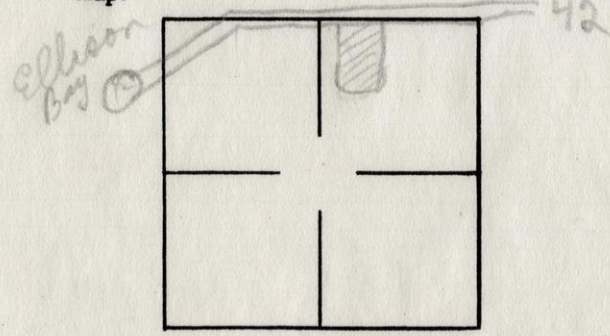
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:

✓ = browse presence



Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

Northern Pine-Hardwoods

Station Number: 3551

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Rowland C. I.
			-80	-320	321										
Abies bals	2	2	2	-	-	35	5	3.25		5.0	3.70	2.50	0.88	7.08	21.24 31.86
Acer rubru															
A. sacchar									5						
A. spicatu							27	17.5	50						
Betula lut															
B. papyrif	1	1	1	-	-	75			5	2.5	1.85	1.25	1.90	5.00	22.50 25.00
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba	2	3	1	2	-	390			10	5.0	3.70	3.75	9.88	17.33	60.66 77.98
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	37	60	54	6	-	2739	90	58.44	5	92.5	68.52	75.00	69.39	212.91	425.82 851.64
Ulmus amer															
U. fulva															
Frax nigra	12	14	12	2	-	708	27	17.53	6.5	30.0	22.22	17.50	17.94	57.66	259.47 288.30
Alnus rug							5	3.25							
Totals	54	80	70	10	-	3947	154	100			99.99	100	99.99	299.98	789.69 1274.78

AVE. DIST. BTW'N TREES:

$$\frac{458}{40} = 11.45$$

AVE B. A.:

49.34

TREES/ACRE:

384

DOM./ACRE:

18,947

TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number:

AVE. DIST. BY W. TREES:

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3551 TT

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum										
A. sacchar.										
A. spicatum	✓ 4	✓ 1	✓ 2	✓ 4						
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals						45				
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	75	15/35	65/30	55/25	40/35	✓26/3	✓19/12	✓13/7	✓13/23	65/22
Ulmus amer										
U. fulva										
Taxus	180	3			1				2	
Alnus										
Distance	21-6	13	5-6	28-6	7-4	10	9-6	8	5-6	6-6

(4)

(18)

(17)

(6)

(13)

(1)

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3551 TT

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam						✓	17			
Acer rubrum										
A. sacchar.										
A. spicatum			✓	✓	✓			✓	✓	✓
Betula lut.									2	
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	16 222	18 14	24 13	35 3	120 19	40 45	55 4	150 55	110 3	45 65
Ulmus amer										1
U. fulva										
Taxus	2			1				19	2	1
Distance	9-6	10	10	9-6	5	6	6	11-6	10	13

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3551 TT

STATION NO.	1	2	3	4	5	6	7	8	9	10						
Abies balsam		✓	✓	18				✓								
Acer rubrum																
A. sacchar.																
A. spicatum	1		✓	✓		✓		✓								
Betula lut.																
B. papyrif			75													
Carpinus car																
Fagus gran																
Ostrya virg																
Picea glau																
Pinus Bank																
P. resinosa																
P. Strobus																
Populus bals					250 95											
P. grand																
P. trem																
Prunus pen.																
Quercus ell																
Q. rubra																
Tilia amer																
Tsuga can																
Thuja occ	27	2	50 110	295	70	✓	3	40	✓	345	✓	4	14	3	30	✓
Ulmus amer																
U. fulva						75 55 19										
Frax. nigra	25	1	1				27	1	18	95	35					
Cornus stolon																
alnus																
Distance	7	16-6	16-6	16-6	7-6	12	6	7	9	16-6						

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3551 TT

STATION NO.	31	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>			1				1			2
<i>Acer rubrum</i>										
<i>A. sacchar.</i>										
<i>A. spicatum</i>			1	1		1	1		1	
<i>Betula lut.</i>										
<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>										
<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>										
<i>Thuja occ</i>	26-2	18-4	160-50	17-40	40-16	45-35	30-15		45-3	55-55
<i>Ulmus amer</i>										
<i>U. fulva</i>								12-23		
<i>Frax nigra</i>	27-2	12-2		3-2	1-1	1-1	1-1	23-25	21-2	
<i>Taxus</i>										
<i>Alnus</i>			1		2	1				
Distance	16-6	9-6	16	22	15	17	8-6	9	12-0	11-6

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3551

[illegible]

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3551

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 greenlandica trifolia</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>																							
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis sp.</i>																							
<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>	✓																						9
<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>																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3551

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3551

[illegible]

[illegible]

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 355/

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3551

[illegible]

STAND NO. 3551

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3557

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3551

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 pennsylvanica
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 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
 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 3551
 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:

Polygonatum ciliolobum
 Carex narrow leaf ~~||||~~
~~White Trillium~~
 Cornus stolon
~~Negundo~~ Solanum nigrum
 Glycyrrhiza striata
 Habenaria ciliolata
 Cinna arundinacea
 Eupatorium maculatum
 Solidago flexicaulis
 ✓ Carex crinita
 Scirpus cyperinus
 Bidens frondosa?