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Site 3543: Douglas County, Township 46N, Range 11W, Section 36. 1952-09-06

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Deeryard KK

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

KK

Stand No. 3543

Name:

County: Douglas

Date: 9-6-52

Size of Stand:

Forest Type: Balsam-white cedar

Topography: Flat, wet, sphagnum floor

Locality:

T: 46N R: 11W

Sec: 36

Observers: Christopher

Size of Area Sampled:

Soil Type:

Slope:

Directions

(20 pts
20 quads)

Condition of Stand:

Very little cutting. Much windfall, mostly balsam. Many young balsams & white cedars standing dead. Heavily used deer yard. All evergreens highlined or hedged. Acer spicatum heavily taken.

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

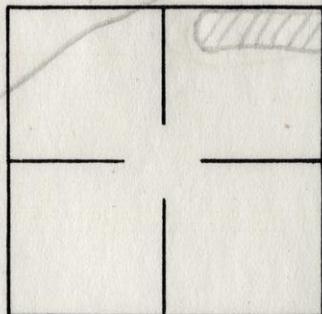
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

✓ = browse presence

Map:



Kk
yard

Northern Pine-Hardwoods

Station Number: 3543

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	12	16	16			506	39	61.90	75	60.0	42.86	40.00	19.94	102.80	308.40 462.60
Acer rubru															
A. sacchar															
A. spicatu									45						
Betula lut															
B. papyrif									20						
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra									5						
Tilia amer															
Tsuga cana															
Thuja occi	16	24	9	15		2032	13	20.63	30	80.0	57.14	60.00	80.06	197.20	394.40 788.80
Ulmus amer															
U. fulva															
Frax nig							11	17.46	5						
Amelanchier									10						
Prunus vir									5						
	28	40	25	15		2538	63	99.99			106	100	100	300.00	702.80 1251.40

AVE. DIST. BTW'N TREES:

 $\frac{251.5}{20} = 14.58$

AVE B. A.:

63.45

TREES/ACRE:

237

DOM./ACRE:

15,038

Thuya

84.67 142.2 12,040

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3543

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	50		55	4	4	4	1	2	7	27
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
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	45	95	50	120	130	55	29	45	140	110
Ulmus amer										
U. fulva										
Nemophila										
Raspberry										
Sambucus										
Distance	6	7-6	8	21	19	9-6	16-6	6	12-6	7-6

KK

over

KK

Data Form No. 19

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3543

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	25	25	23 50	35 35 3	25 3	55 4	28 13 1		2 17	4 22 97 2
Acer rubrum										
A. sacchar.										
A. spicatum	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Betula lut.										
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	90	140			85	95		120 140 1	85	
Ulmus amer										
U. fulva										
Cornus stoba	✓									✓
Lonicera car		✓				✓				
Frax nigra		4	4	5	1					
Distance	7-6	26-6	10-6	11-6	7-6	16	13-6	16-6	19-6	9

2 left

✓

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3543

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3543

Stand No. 3543

[illegible]

Univ. of Wisconsin

Stand No. 3543

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3543

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

NORTHERN PINE-HARDWOODS

[illegible]

NORTHERN PINE-HARDWOODS

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3543

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3543

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3543

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3573

✓ *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 ~~|||||~~

3543

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
 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:

Vac. can. !
 Habenaria media
 Carex intum
 Dryop. crs.
 Nemophanthus
 Aster puniceus
 Carex tri
 Slex
 d. us. in
 Calamagrostis can
 Cornus stolon
 Epi. densa
 Glycyrrhiza strata

~~Stachys~~ Cypripedium reginale
 Epilobium angustifolium
 Vaccinium oxycoccus