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Site 3544: Douglas County, Township 46N, Range 10W, Section 30. 1952-09-06

[s.l.]: [s.n.], 1952-09-06

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Deer yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3544

Name:

Locality:

County: Douglas

T: 46N R: 10W Sec: 30

Date: 9-6-52

Observers: Christensen

Size of Stand:

Size of Area Sampled:

Forest Type:

Soil Type:

Topography: Flat, wet

Slope:

Directions

Condition of Stand:

to heavily in sampled area
A moderately used deer yard. No cutting, but would fall heavy especially of spruce and balsam. Yard more or less divided into black ash-spruce and balsam-white cedar areas. Nos. 1-10 + 31-40 might be considered a stand and Nos. 11-30 might be considered a stand.

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

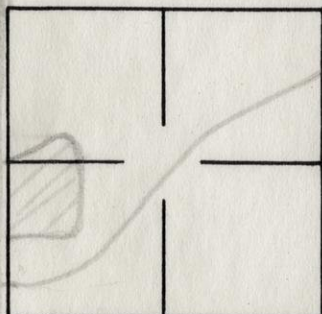
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

✓ - browse presence

Map:



Creek River

Plant Ecology Research
TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3544

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	18	22	22			725	74	48.05	45	45.0	30.00	27.50	20.13	77.63	232.89 349.33
Acer rubru															
A. sacchar															
A. spicatu									25						
Betula lut															
B. papyrif	4	5	5			124	1	0.65	5	7.5	6.67	6.25	3.44	16.36	73.62 81.80
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	8	10	9	1		502	1	0.65	10	20.0	13.33	12.50	13.94	39.77	99.43 159.08
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba	1	1		1		85				25	1.67	1.25	2.36	5.28	18.48 23.76
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra									5						
Tilia amer															
Tsuga cana															
Thuja occi	16	24	15	9		1712	23	14.94	20	40.0	26.67	30.00	47.53	104.20	208.40 416.80
→ Abies nig									10						
→ Ulmus amer									10						
→ Prunus m									10						
→ U. fulva															
Fors nig	13	18	18			454	53	34.42	25	32.5	21.67	22.50	12.60	56.77	255.47 283.85
Amelanchie							1	0.65	25						
Salix							1	0.65							
	60	80	69	11		3602	154	100.01			100.01	100	100	300.01	888.29 1314.62

AVE. DIST. BTW'N TREES:

589.5
40 = 14.74

AVE B. A.:

45.03

TREES/ACRE:

232

DOM./ACRE:

10,447

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3544

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		✓	2	4				2 65	2 26	3 45
Acer rubrum										
A. sacchar.										
A. spicatum	✓		✓	✓				✓		
Betula lut.										
B. papyrif		50		16/30				1		22
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau							55	35	12	1
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals			85							
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ					110/45	150/35	35/65		1	2
Ulmus amer										
U. fulva										
Frax nigra	20/11	✓	40	3 27	9					
Cornus alt										
Ribes lac										
Distance	16	10-6	15-6	9-6	9	12	16	16	8-6	7

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3544

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	4		35	4	13	30	4	4	4	4
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau				30	65					
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	130/28	100/60				95	45/23	85/140	180	
Ulmus amer										
U. fulva										
Frax. nigra	4		32	4	25					
Cornus alba										
dlx										
Distance	12	16-6	24	25	16	12	12	11	17	15-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3544

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam	35 4	22 4	60 4	24 4	21 4		40 4		2 4	21 4
Acer rubrum										
A. sacchar.										
A. spicatum	✓									
Betula lut.										
B. papyrif	✓									
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau								65		
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	80			21		16 100	45 4	26 2	28 35	35
Ulmus amer										
U. fulva										
Frax nigra										✓
Alnus										✓
Cornus altern										✓
Distance	15-6	12	21	7	8	6-6	90	10-6	7	13-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3544

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	19	40	23 118	1						
Acer rubrum										
A. sacchar.										
A. spicatum	✓	✓	✓	✓	✓	✓		✓	✓	✓
Betula lut.										
B. papyrif							16			
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau					90 35	70 45				
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Fraxinus	30	40	217	3	27 172	4	4	23	31 15	50 19
Corylus										35 15
Rodophy										
Distance	10-6	10	15	8	14	6	16-6	8-6	19	9

TABULATION FORM

Univ. of Wisconsin

Stand No. 3544

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

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3544

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3544

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		✓																					4
Gaultheria hispidula																							
Gaylussacia baccata																							
Geranium maculatum																							
Gerardia pedicularia																							
Geum canadense																							
Geum rivale																							
Gnaphalium obtusifolium																							
Goodyera oblongifolia																							
Goodyera pubescens																							
Goodyera repens																							
Habenaria bracteata																							
Habenaria orbiculata																							
Hackelia virginiana																							
Halenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus																							
Hepatica acutiloba																							
Hepatica americana																							
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum																							
Hystrix patula		✓																					
Ilex verticillata		✓																					1
Impatiens biflora		✓																					
Impatiens pallida																							
Isopyrum biternatum																							
Krigia biflora																							
Lactuca canadensis		✓																					
Laportea canadensis																							
Lathyrus ochroleucus																							
Lathyrus venosus																							
Ledum groenlandicum		✓																					2
Lilium michiganense																							
Linnaea borealis		✓																					5
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis		✓																					3
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3544

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	✓																						
Lycopodium obscurum																							
Lycopodium tristachyum																							
Lycopus americanus	✓																					1	
Lycopus uniflorus																							
Lysimachia ciliata																							
Lysimachia quadrifolia																							
Maianthemum canadense	✓																					2	
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense																							
Milium effusum																							
Mitchella repens																							
Mitella diphylla																							
Mitella nuda	✓																					12	
Monarda fistulosa																							
Moneses uniflora																							
Monotropa hypopithys																							
Monotropa uniflora																							
Nemopanthus mucronata	✓																						
Onoclea sensibilis																							
Orchis spectabilis																							
Oryzopsis asperifolia																							
Oryzopsis racemosa																							
Osmorhiza claytoni																							
Osmunda claytoniana																							
Osmunda cinnamomea	✓																						
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																							

No Petasites palmatum ✓

[illegible]

[illegible]

TABLEULATION FORM

NORTHERN LOWLANDS

STAND NO. 3544

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3544

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3544

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3544

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 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	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:

Solidago uliginosa	Slyeria striata
✓ Carex trisperma	Dryop. cristata
Var. can.	Eupatorium maculatum
Carex broadleaf	? leaves
Nemophanthus	Solidago canadensis
Cornus stolonifera	Smilacina trifolia
Iris vir	Taraxacum
Aster prunaeus	Rhamnus
Calamagrostis can	Vaccinium oxycoccos
✓ Carex intem.	
Cinna arundinacea	
Ilex verticillata	
Euprepedium shaggy regional	