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Site 3545: Douglas County, Township 45N, Range 11W, Section 8. 1952-09-06

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Deer yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3545

Name:

County:

Date:

Size of Stand:

Forest Type:

Topography:

Locality:

T: 45N R: 11W

Sec: 8

Observers:

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

In extremely wooded yard. Everything highlined or hedged. No recent cutting. Scattered, few old stumps. Windfall moderate.

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.

A₀

A₁

A₂

B

DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A₀

A₁

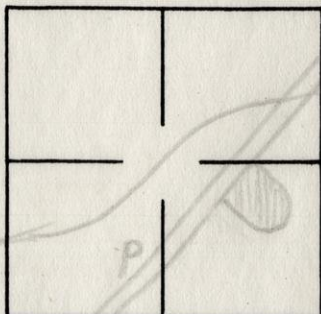
A₂

B

Parent Material:

V = browse presence

Map:



Brule River

20 pts.
20 quad.

Northern Pine-Hardwoods

Station Number: 3545

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Howland C. I.
			-80	-320	321										
Abies bals	2	2	2			37	9	11.25	30	10.0	7.14	5.00	3.20	15.34	46.02 69.03
Acer rubru															
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	13	19	19			601	16	20.00		65.0	46.43	47.50	52.03	145.96	344.90 583.84
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo															
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	13	19	18	1		517	54	67.50	35	65.0	46.43	47.50	44.76	138.69	277.38 554.76
Ulmus amer															
U. fulva															
Alnus rug							1	1.25							
Amelanchier									5						
	28	40	39	1		1155	80	100			100	100	99.99	299.99	688.30 1207.63

AVE. DIST. BTW'N TREES:

$\frac{2485}{20} = 124.3$

AVE B. A.:

28.88

TREES/ACRE:

326

DOM./ACRE:

9,415

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3575

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>				25 ✓	✓			✓		
<i>Acer rubrum</i>										
<i>A. sacchar.</i>										
<i>A. spicatum</i>										
<i>Betula lut.</i>										
<i>B. papyrif</i>										
<i>Carpinus car</i>										
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>	30	50	14	15	35	$\frac{35}{27}$		55		
<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>	19 ✓	85 ✓	13 ✓	40		$\frac{16}{27}$	13 ✓	$\frac{35}{29}$	$\frac{12}{30}$	
<i>Ulmus amer</i>										
<i>U. fulva</i>										
<i>Alnus</i>	✓	✓	✓	✓	✓	✓			✓	
<i>Lachum</i>		✓							✓	
<i>Corylus alba</i>				✓				✓		✓
Distance	7	21	11-6	9-6	23	15-6	19	9-6	10	11-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3545

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	✓	✓		12						
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau			13			40 65	50 45	13 20	25 22	25 21
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ	22 30	20 30	35	12	16 21	2	1	8		3
Ulmus amer										
U. fulva										
Larix laricina	✓									
Alnus				✓					✓	
Leoderm		✓		✓	✓					
Distance	17	6	15-6	11	3-6	12-6	9	9	16	11-6

over

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin

Stand No. 3545

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 gryposepala																							
Allium tricoccum																							
Alnus incana																							
Alnus rugosa	✓																					4	
Amphicarpa bracteata																							
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia																							
Antennaria sp.																							
Apocynum androsaemifoliu																							
Apocynum cannabinum																							
Aquilegia canadensis																							
Aralia hispida																							
Aralia nudicaulis	✓																					2	
Aralia racemosa																							
Arctostaphylos uva-ursi																							
Arisaema atrorubens																							
Asarum canadense																							
Asclepias exaltata																							
Aster cordifolius																							
Aster lateriflorus																							
Aster macrophyllus																							
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
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Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3545

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	✓																					9	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓																					4	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia																							
Cornus canadensis	✓																					16	
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 boottii																							
Dryopteris cristata																							
Dryopteris goldiana																							
Dryopteris disjuncta																							
Dryopteris phegopteris																							
Dryopteris spinulosa	✓																					1	
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense																							
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

Stand No. 3545

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 circaeazans</i>																							
<i>Galium concinnum</i>																							
<i>Galium lanceolatum</i>																							
<i>Galium triflorum</i>	✓																						✓
<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>	✓																						✓
<i>Impatiens biflora</i>																							
<i>Impatiens pallida</i>																							
<i>Isopyrum biternatum</i>																							
<i>Krigia biflora</i>																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3545

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3545

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>	✓																						3
<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	✓																						14
<i>Rubus</i> - raspberry																							
<i>Salix</i> sp.	✓																						2
<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>																							

Univ. of Wisconsin

Stand No. 3545

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3545

[illegible]

STAND NO. 3545

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3545

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3545

✓ *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

Melampyrum lineare
 Mitchellia 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:

~~Cornus stolonifera~~
 Osmunda regalis //
 Carex tri- //
 Carex long leaf //
 Cornus stolonifera //
 Calamagrostis can //
 ? Hemodorum //
 Salix //
 Vac. can //
 Rhamnus //
 Ilex //
 Rumex Britanica //
 Glycyrrhiza strata //

Lonicera villosa
 Epilobium grand.
 Aster princeps
 Iris vir.
 Epilobium angustifolium
 Vaccinium oxycoccos 14
 Habenaria bract.
 Calla palustris
 Acta simplex
 Smilacina tri //
 Nemopanthus
 Vac. macrocarpa //
 Solidago uliginosa
 Glycyrrhiza can
 Epi densa //
 Chamaedaphne
 calyculata