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Site 3541: Douglas County, Township 49N, Range 10W, Section 22. 1952-09-05

[s.l.]: [s.n.], 1952-09-05

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No.

3541

Name:

Locality:

County:

T:

R:

Sec:

Date:

Observers:

Size of Area Sampled:

Size of Stand:

Forest Type:

Soil Type:

Topography:

Slope: 10% Directions

Condition of Stand:

upland
Many old stumps, apparently white pine. No recent cutting. Canopy open in places and quite dense in others. Slope terraced, irregular. Vegetation of yard irregular - Moderate to heavy.

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

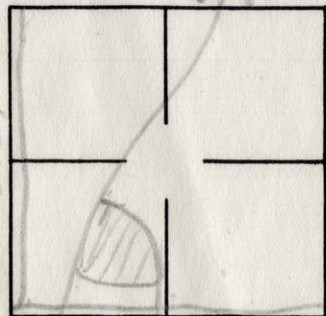
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

✓ = browse presence

Map:



Northern Pine-Hardwoods

Station Number: 3541

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	14	21	21			596	51	34.00	35	35.0	23.33	26.25	16.36	65.94	46.58 296.73
Acer rubru									5						
A. sacchar															
A. spicatu															
Betula lut															
B. papyrif	16	20	20			616	46	30.67		40.0	26.67	25.00	16.91	68.58	342.90 342.90
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	5	5	2	3		615				12.5	8.33	6.25	16.89	31.47	188.82 125.88
Pinus Bank															
P. resinosa															
P. Strobus	3	4		4		485				7.5	5.00	5.00	13.32	23.32	116.60 98.28
Populus ba	6	9	8	1		422	3	2.00		15.0	10.00	11.25	11.59	32.84	65.68 141.78
P. grandid															
P. tremulo	14	19	18	1		828	11	7.33	20	15.0	23.33	23.75	22.73	69.81	139.62 244.33
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	1	1	1			50				2.5	1.67	1.25	1.37	4.29	30.03 17.16
→ Amelanchier															
→ Ulmus amer									15						
→ Cornus rug.							1	0.67							
→ U. fulva															
Prunus vir							3	2.00	25						
check Alnus rug							33	22.00							
→ Frax nig	1	1	1			30	2	1.33		2.5	1.67	1.25	0.82	3.74	22.44 18.70
	60	80	71	9		3642	150	100			100	100	99.99	299.99	1367.6 1285.

AVE. DIST. BTW'N TREES:

 $\frac{621.5}{40} = 15.54$

AVE B. A.:

45.53

TREES/ACRE:

208

DOM./ACRE:

9.470

76

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

II
3541

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	18	45	3	3			18	19	21	3
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif	22	3	1	1	3	15			19	23
Carpinus car										55
Fagus gran										
Ostrya virg										
Picea glau					250	90				
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals		13	90	35						
P. grand										
P. trem				20						
Prunus pen. var										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ					50					
Ulmus amer										
U. fulva										
Alnus inc										
Cornus rug										
Rubus parvif										
Distance	7	13	15-6	11-6	13	20	25-6	15-6	4	17-6

over

Distance	1	2	3	4	5	6	7	8	9	10
Pines										
Traps										
1st trap										
2nd trap										
3rd trap										
4th trap										
5th trap										
6th trap										
7th trap										
8th trap										
9th trap										
10th trap										
11th trap										
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30th trap										
31st trap										
32nd trap										
33rd trap										
34th trap										
35th trap										
36th trap										
37th trap										
38th trap										
39th trap										
40th trap										
41st trap										
42nd trap										
43rd trap										
44th trap										
45th trap										
46th trap										
47th trap										
48th trap										
49th trap										
50th trap										
51st trap										
52nd trap										
53rd trap										
54th trap										
55th trap										
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62nd trap										
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69th trap										
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71st trap										
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82nd trap										
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88th trap										
89th trap										
90th trap										
91st trap										
92nd trap										
93rd trap										
94th trap										
95th trap										
96th trap										
97th trap										
98th trap										
99th trap										
100th trap										

POINT RECORD SHEET

Date Form No. 18

NORTHERN PINE-HARDWOODS

Forest Ecology Research

Sheet No.

State of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3541
II

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	45	1		2	1	50	19	3	16	35
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif		3	4	28	2	16	3	35	4	1
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals	✓ 25	45	40	80					3	
P. grand										
P. trem			✓	✓	70		60	21	✓	21
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Cornus rug	✓	✓	✓	✓	✓			✓		
Corylus cor	✓								✓	✓
Alnus	1									
Distance	10	13	17-6	15-6	15	25-6	19	45-6	11-6	14

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

II

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam	1	3			12	4	25	2		
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif	$\frac{15}{25}$	3	75	1	$\frac{30}{22}$	3		25	3	$\frac{18}{15}$
Carpinus car										2
Fagus gran										
Ostrya virg										
Picea glau					65	40		170		
Pinus Bank										
P. resinosa										
P. Strobus		85								
Populus bals										
P. grand										
P. trem			$\frac{12}{20}$				$\frac{12}{16}$			$\frac{100}{28}$
Prunus pen.				1						
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
alnus										
Cornus my										
Rosa										
Distance	9	16-6	13-6	9	11	13-6	20	12	23	20-6

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

II

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	40 45	18 35	4		4		23	3	4	215
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif					30	55	1		16	1
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobilus		130 140			130					
Populus bals										
P. grand										
P. trem			80 85			20	4	28	30 35 65	30
Prunus pen.	1									50
Quercus ell		2								
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Amelanchier										
Corylus										
Rosa										
Distance	22-6	13-6	22	10	14-6	20	11	12	11-6	7-6

over

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3541

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	✓																						1
Adenocaulon bicolor																							
Adiantum pedatum																							
Agrimonia gryposepala																							
Allium tricoccum																							
Alnus incana																							
Alnus rugosa	✓																						
Amphicarpa bracteata																							
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia																							
Antennaria sp.																							
Apocynum androsaemifolium	✓																						
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	✓																						18
Aster prenanthoides																							
Aster sagittifolius	✓																						
Aster shortii																							
Aster umbellatus	✓																						1
Athyrium filix-femina	✓																						
Athyrium thelypteroides																							
Boehmeria cylindrica																							
Botrychium lanceolatum																							
Botrychium matricariaefolium																							
Botrychium virginianum																							
Brachyelytrum erectum																							
Bromus purgans	✓																						10
Campanula americana																							
Campanula rotundifolia																							
Cardamine pensylvanica																							
Carex albursina																							
Carex pensylvanica																							
Carex plantaginea																							
Caulophyllum thalictroides																							
Ceanothus ovatus																							
Celastrus scandens																							
Chimaphilia umbellata																							
Cicuta maculata																							
Circaea alpina																							
Circaea quadrisulcata																							

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3541

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																							
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica																							
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia																							
Cornus canadensis	✓																					3	
Cornus foemina																							
Cornus rugosa	✓																					6	
Corydalis sp.																							
Corylus americana																							
Corylus cornuta	✓																					3	
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	✓																					3	
Dirca palustris																							
Dryopteris bootii																							
Dryopteris cristata																							
Dryopteris goldiana																							
Dryopteris disjuncta	✓																					1	
Dryopteris phegopteris																							
Dryopteris spinulosa																							
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense	✓																					2	
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana	✓																					16	

Stand No. 3541

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3541

[illegible]

NORTHERN PINE-HARDWOODS

[illegible]

Data Form No. 23

Plant Ecology Research

Univ. of Wisconsin

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3541

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3541

[illegible]

STAND NO. 3541

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3541

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. II
3541

✓ *Abies balsamea* III
 ✓ *Acer rubrum* I
 ✓ *Acer saccharum*
 ✓ *Acer spicatum*
 ✓ *Amelanchier* sp. III
Betula lutea
Betula papyrifera
Caprinus caroliniana
Carya cordiformis
 ✓ *Crataegus* 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* III
Prunus pennsylvanica
Prunus serotina

✓ *Prunus virginiana* III
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* I
Adiantum pedatum
Agrimonia gryposepala
Allium tricoccum
Alnus rugosa
Amphicarpa bracteata
Anemone canadensis
Anemone quinquefolia
Antennaria sp.
 ✓ *Apocynum androsaemifolium*
Apocynum cannabinum
Aquilegia canadensis
 ✓ *Aralia nudicaulis* II
Aralia racemosa
Arctostaphylos uva-ursi
Arisaema atrorubens
Asarum canadense
Asclepias phytolaccoides
Aster cordifolius
 ✓ *Aster lateriflorus*
Aster macrophyllus III
Aster prenanthoides
 ✓ *Aster sagittifolius*
Aster shortii
Aster umbellatus I
 ✓ *Athyrium angustum*
Aureolaria pedicularia
Boehmeria cylindrica
Botrychium virginianum
Brachyelytrum erectum
 ✓ *Bromus purgans* III
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 II
Cornus femina
Cornus rugosa III
Corylus americana
Corylus cornuta II
Cryptotaenia canadensis
Cypripedium acaule
Cypripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
 ✓ *Diervilla lonicera* III
Dirca palustris
Dryopteris linneana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
 ✓ *Equisetum arvense* II
Erythronium americanum
Fragaria virginiana III
Galium aparine
Galium boreale
Galium circaezans
Galium concinnum

Galium lanceolatum
Galium triflorum III
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Goodyera pubescens
Goodyera repens
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus II
 ✓ *Hepatica acutiloba*
 ✓ *Hepatica americana* I
Hieracium canadense
Hydrophyllum virginianum
 ✓ *Hystrix patula*
Impatiens biflora
Lactuca canadensis II
Laportea canadensis
Lappula virginica
 ✓ *Lathyrus ochroleucus* II
Ledum groenlandicum
Linnaea borealis II
 ✓ *Lonicera canadensis* I
Lonicera hirsuta
Lonicera oblongifolia I
Lonicera prolifera
Luzula multiflora
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lycopodium tristachyum
Lycopus americanus
Lycopus uniflora
Lysimachia quadrifolia
Maianthemum canadense III

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
 Phytolacca leptostachya
 No ✓ ~~Podophyllum peltatum~~ |
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens
 Potentilla simplex ~~///~~
 Prenanthes alba ~~///~~
 Pteris 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:

? Carex prostrata ~~///~~
 Carex spp. |
 Rosa ~~///~~

? Carex intumescens |
 Cinna
 Phleum ~~///~~

? Agrostis alba |

Calamagrostis canadensis ~~///~~
 Solidago ~~canadensis~~ ~~///~~

Anaphalis

Carex crumata

✓ Petasites palmatus

Salix

Salix |

Clover |

Columbine |

? Hairy rosette |

Taraxacum ~~///~~

yellow

Salix