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Site 3503: Vilas County, Township 40N, Range 7E, Section 25. 1951-07-21

[s.l.]: [s.n.], 1951-07-21

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STAND RECORD

FORESTS

Stand No.

D-282
3503

Name:

County:

Date:

Size of Stand:

Forest Type:

Topography:

Locality:

T: 40-N R: 7-E

Sec: 25

Observers:

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

Well utilized, all broad-leaf species, *P. strobus* & *P. banksiana* over $\frac{1}{2}$ inches highland to about 5 feet. *Salix* + *Amelanchia* hedged to 3 ft. *Corylus* mostly untouched. Much windbreak of large pines. Light cutting recently. Very heavy cutting many years ago. Greatest use in a couleey with little jack pine, black spruce, and occasional tamarack. This is a heavy bedding area. *Vaccinium* is hedged in this area.

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									

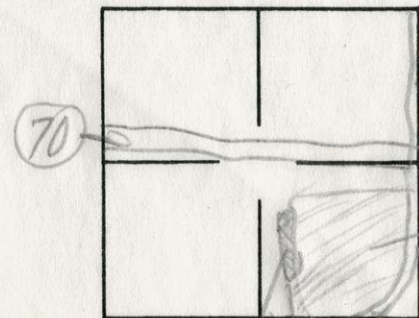
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



Yard covers 2 or 3 sections (36, 25, 22)

area sampled

30 points

protected moist
gulley

N = numerous
 O = occasional
 { seedlings
 No O.
 1-4 inches

transsect 1" - 4" incl DBH (under)
 transsect 1 1/2" - 4" incl DBH

~~D-282~~
 3503

Data Form No. 19 *closely* Plant Ecology Research Univ. of Wisconsin

POINT RECORD TREES NORTHERN PINE-HARDWOODS Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum				1	3			1		
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif			21					1		
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank	15	70 65 3			45	35 35	16 45	60	25 37	40 18
P. resinosa	220	1								
P. Strobus			2	0			0	0	1	
Populus bals										
P. grand										
P. trem			35	18 12 3	35	1		26		4 1
Prunus ^{serotina} pen.									1	
Quercus ell										
Q. rubra					1	2	4		2	
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Salix										
Cornus										
Blackberry										
Distance	16.5	6.5	23.5	11	26	12.5	16	24.5	9.5	14.5

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3503

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum				2		2				
A. sacchar.										
A. spicatum										
Betula lutea						1				
B. papyrifera										
Carpinus caroliniana										
Fagus grandifolia										
Ostrya virginica										
Picea canadensis										
Pinus Banksiana	33 55/1			70		52 40	30/0 75	120 75	50 18/1	85 180
P. resinosa										
P. strobus	0 1				37					
Populus balsamifera										
P. grandidentata										
P. tremula	2	35 37/4	62 95/4	35 2	65/3			4	5 1	1
Prunus pennsylvanica							1		2	
Quercus ellipsoides										
Q. rubra					1	1	3			
Tilia americana										
Tsuga canadensis										
Thuja occidentalis										
Ulmus americana										
U. fulva										
Corylus americana										
Juglans nigra										
Amelanchier canadensis									1	2
Distance	7.5	36.5	34	22.5	23.5	24.5	12	38.5	23	35.5

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. D282

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam										
Acer rubrum								2 31		3
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif					1				23	1
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank	75 55	80 65	35 40	30 60	90	25 70	35 45	1 454	1	45
P. resinosa	1									
P. Strobus										
Populus bals										
P. grand										
P. trem	2	3	3	2	10 16	2	4	130	2 11	01 11
Prunus pen. <i>serotina</i>			1	4						
Quercus ell										
Q. rubra		1		0		2	0		30	35
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus	✓	✓		✓		✓			✓	
Amelanchier	2									
Solid						✓	✓		✓	
Distance	45	18.5	7	25.5	9	74	41	25.5	46	17.5

Plant Ecology Research
TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3503

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															
Acer rubru							15	13.76							
A. sacchar															
A. spicatu															
Betula lut							1	0.92							
B. papyrif	2	2	2			44	2	1.83		6.7	5.00	3.33	1.47	9.80	49.00
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank	24	41	37	4		2144	5	4.59		80.0	60.00	48.33	71.85	200.18	600.54
P. resinosa	1	1		1		220	2	1.83		3.3	2.50	1.67	7.37	11.54	40.37
P. Strobus	1	1	1			37	4	3.67		3.3	2.50	1.67	1.24	5.41	27.05
Populus ba															
P. grandid															
P. tremulo	10	13	12	1		474	45	41.28		33.3	25.00	21.67	15.88	62.55	281.47
Prunus pen															
Quercus el															
Q. rubra	2	2	2			65	17	15.60		6.7	5.00	3.33	2.18	10.51	73.57
Tilia amer															
Tsuga cana															
Thuja occi															
Ulmus amer															
U. fulva															
Prunus ser.							9	8.26							
Amelanchier							9	8.26							
	40	60	54	6		2984	109	100			100	100	99.99	999.99	499.01

AVE. DIST. BTW'N TREES:

727
30 = 24.23

AVE B. A.:

49.73

TREES/ACRE:

86

DOM./ACRE:

4,277

TABULATION FORM

Univ. of Wisconsin

Stand No. 3503

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3503

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																							
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	✓																						
Epifagus virginiana																							
Epigaea repens	✓																						
Equisetum arvense																							
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

Stand No. 3507

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3503

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

NORTHERN PINE-HARDWOODS

[illegible]

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. *D-282*
3503

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 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 ✓

D282
3503

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:

Kregia biflora