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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3526

Name: _____ Locality: _____
County: *Pruce* T: *39N* R: *1E* Sec: *12*
Date: *8-13-52* Observers: *Christensen Ward, Ware, Bray*
Size of Stand: _____ Size of Area Sampled: _____
Forest Type: *Black ash - white cedar* Soil Type: _____
Topography: *Lowland* Slope: _____ Directions _____

Condition of Stand:
A wet stand contiguous with U. No recent cutting. Older cutting scarce. all plants heavily used, alder slightly used.

Open Grown Trees: _____ % Canopy: _____
Stumps: _____
1. _____ 4. _____ 7. _____
2. _____ 5. _____ 8. _____
3. _____ 6. _____ 9. _____
10. _____
11. _____
12. _____

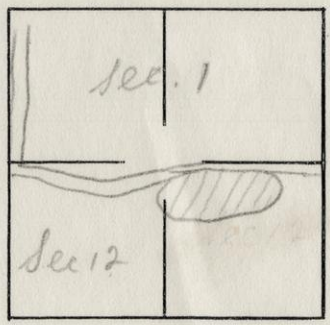
Soil Data:

	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: 3526

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	Lowland	
			-80	-320	321										C. I.	
Abies bals	14	14	14	-	-	327	36	23.85	5	35.0	21.54	17.50	12.81	51.85	155.55	233.32
Acer rubru	1	1	1	-	-	60			5	2.5	1.54	1.25	2.35	5.14	35.98	30.84
A. sacchar																
A. spicatu							2	1.32	25							
Betula lut	3	3	2	1	-	174	1	0.66		7.5	4.62	3.75	6.82	15.19	98.74	113.92
B. papyrif	3	3	2	1	-	152	1	0.66		7.5	4.62	3.75	5.95	14.32	64.44	71.60
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau	3	3	3	-	-	155	2	1.32	5	7.5	4.62	3.75	6.07	14.44	36.10	57.76
Pinus Bank																
P. resinosa																
P. Strobus																
Populus ba																
P. grandid																
P. tremulo																
Prunus pen																
Quercus el																
Q. rubra																
Tilia amer																
Tsuga cana																
Thuja occi	9	9	8	1	-	405	5	3.31		22.5	13.85	11.25	15.86	40.96	81.92	163.84
Ulmus amer							1	0.66								
U. fulva							1	0.66								
Frax. nigra	32	47	46	1	-	1280	199	65.56	5	80.0	49.23	58.75	50.14	158.12	711.54	790.60
Alnus rug							3	1.99	25							
	65	80	76	4	-	2553	151	99.99			100.02	100	100	300.02	1184.27	1461.88

AVE. DIST. BTW'N TREES:

547
70 - 13.68

AVE B. A.:

31.91

TREES/ACRE:

269

DOM./ACRE:

8584

Northern Pine-Barkwood

:383A\23367 8

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3526

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam				16 ✓				40	20	4 ✓
Acer rubrum										
A. sacchar.										
A. spicatum				✓	✓		1	✓	✓	✓
Betula lut.							1		90	1
B. papyrif										
RED BASS Carpinus car				✓			✓			
CORNUS STOLON Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
LONGLEAF CED P. trem									✓	✓
WORMLEAF Prunus pen.										✓
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ						45	35	40	70	✓
Ulmus amer								1		
U. fulva										
B. ASH	30 15	12 3	12 21	13 4	14 25	12 4	30 2	✓	✓	15 12
CORNUS	✓	✓	✓			✓	✓			
ALDER										
Distance	21 1/2	20	31 1/2	32	8	7	8	9 1/2	6 1/2	8 1/2

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3526
T

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>			280		40			20		2
<i>Acer rubrum</i>		60								
<i>A. sacchar.</i>										
<i>A. spicatum</i>			✓		✓	✓	✓			
<i>Betula lut.</i>				60						
<i>B. papyrif</i>										
RED PAPER, <i>Carpinus car</i>								✓	✓	
HAMMUS <i>Fagus gran</i>						✓				
ALDER <i>Ostrya virg</i>									✓	✓
<i>Picea glau</i>			75							
<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>						25				
<i>Ulmus amer</i>										
<i>U. fulva</i>										
B. ASH	25	90		35	12	22	15	15	30	50
CORYLUS	30	4		3	12	12	12	3	12	55
GRANUS STOLON										
Distance	14	7 1/2	7	22	9	8	20	24	19 1/2	11 1/2

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3526
T

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	✓	22-2			27	24-2		✓	✓	✓
Acer rubrum										
A. sacchar.										
A. spicatum	✓	✓		✓	✓	✓		✓		✓
Betula lut.										
B. papyrif								85		45
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					35					
Ulmus amer	✓								✓	
U. fulva										
Frax. nigra	23-3	30-1	21-2	13-4	✓	27-2	40-4	25-2	16-2	40-2
Raspberries	✓									
Cornus	✓									
Distance	14	19	7	9-6	19	16	7	72	11	20-6

alder

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3526
T

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	✓	✓		✓	21	✓	14	16	19	18
Acer rubrum										
A. sacchar.										
A. spicatum	✓	✓	✓		✓	✓	✓		✓	
Betula lut.			24							
B. papyrif									22	
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau						50	30	2		
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ		100	3	20		35	✓			
Ulmus amer										
U. fulva										
Taxus nigra	60	✓	35	✓	30	✓	✓	13	✓	23
Alder	30	3		3	40	2	3	1	2	
Rashberry										
Distance	7	12-6	4	6-6	18	20	14	17	4-6	13-6

HERB FREQUENCY

✓ RED MAPLE 1
 ✓ BIRCH 1

Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus
 Aster sagittifolius
 Athyrium angustum
 Botrychium virginianum
 CAREX PROJECTA IIII
 Brachelytrum erectum
 CAREX TRISPHERMA IIII
 Carex albursina
 CAREX INTUMESCENS I
 Caulophyllum thalictroides

Chimaphila umbellata
 Circaea alpina IIII
 Circaea latifolia
 Clintonia borealis IIII
 Coptis trifolia II
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis II
 Cornus rugosa
 Corylus americana
 Corylus cornuta
 Cyripedium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa IIII
 Epifagus virginiana
 Epigaea repens

EUPATORIUM MACULATUM IIII
 CARAMEGROSTIS ^{can} IIII
 CALTHA PALUSTRIS IIII
 CORNUS STOLON II

NORTHERN PINE-HARDWOODS

✓ ALDER III

Fragaria virginiana IIII
 Galium lanceolatum
 Galium triflorum IIII
 GAULThERIA TRIFLORA IIII
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana
 Impatiens biflora IIII
 Linnaea borealis I
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 LYCOPUS americanus IIII
 Lysimachia quadrifolia
 Maianthemum canadense I
 Mitchella repens
 Mitella diphylla
 Mitella nuda IIII
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis I
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Oxalis montana I
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens

GLYCERIA IIII
 SCUTELLARIA I
 AGROSTIS ALBA I

acta umbellata

Stand No.
 Quadrat No.

T 3526

✓ ACER SPICATUM IIII
 ✓ FIR 1

Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 Rosa sp.
 Rubus parviflorus
 RUBUS (RED RASB) II
 Rubus (blackberry)
 Rubus (dewberry) IIII
 RIBES LACINIOSUM I
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata
 Solidago ulmifolia
 Streptopus roseus
 Taxus canadensis
 Thalictrum dioicum
 Trientalis borealis I
 Trillium grandiflorum
 Uvularia grandiflora
 Uvularia sessilifolia
 Vaccinium angustifolium
 Vaccinium pennsylvanicum
 Viburnum acerifolium
 VIOLA MACULATA IIII
 Viola canadensis
 Viola cucullata
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

Polygonum sagittatum IIII

Lonicera-like I
 (BLUE ASTER)
 LARGE (umb) IIII
 acta. form.
 SP
 SOLIDAGO Baw. I

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3526

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Stand No. 3526

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	✓																					5	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓																					3	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia	✓																						
Cornus canadensis	✓																					3	
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 bootii																							
Dryopteris cristata	✓																						
Dryopteris goldiana																							
Dryopteris disjuncta	✓																					2	
Dryopteris phegopteris	✓																					2	
Dryopteris spinulosa	✓																					8	
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense																							
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicus																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana	✓																					8	

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3526

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3526

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>	✓																						8
<i>Lycopus uniflorus</i>																							
<i>Lysimachia ciliata</i>																							
<i>Lysimachia quadrifolia</i>																							
<i>Maianthemum canadense</i>	✓																						1
<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>	✓																						7
<i>Monarda fistulosa</i>																							
<i>Moneses uniflora</i>																							
<i>Monotropa hypopithys</i>																							
<i>Monotropa uniflora</i>																							
<i>Nemopanthus mucronata</i>	✓																						
<i>Onoclea sensibilis</i>	✓																						2
<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>	✓																						2
<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>Phyrma 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>																							

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3526

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3526

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3526

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3526

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. T
3526

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 phytolepis
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 circaeans
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
Pteretis nodulosa	Smilacina stellata	Waldsteinia fragarioides
Pteridium aquilinum	Smilax ecirrhata	Zanthoxylum americanum

Additional Species:

*Chelone glabra**Glyceria striata* IIII*Eupatorium mac* I*Agrostis* IIII*Aster perun* IIII*Cornus stolon* I*Caltha**Dryopteris cristata**Onoclea**Calamagrostis can* IIII*Epilobium mac* I*Polygonum sp.* IIII*Cinna* I*Carex misperum* III*Ilex* II*Carex intum* I*Epilobium glandulosum* II*Var. can.**Rhamnus**Epilobium densa* I