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Site 3582: Price County, Township 36N, Range 1W, Section 15. 1953-07-09

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yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3582

Name: Price Co.
County: Price Co.

Locality: T: 36N R: 1W Sec: 15

Date: 7-9-53

Observers: Christensen & R. Dorney

Size of Stand:

Size of Area Sampled:

Forest Type: Cedar-Alder

Soil Type:

Topography: lowland, swamps to bogs

Slope:

Directions

Condition of Stand:

A good stand. Some old cutting and a few new trees removed, but for much part little disturbed. Extreme blow down, Varies from alder swamp to cedar with sphagnum floor. Rather heavy and uniform use of cornus, Menopanthus, cedar, Abies, etc.

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

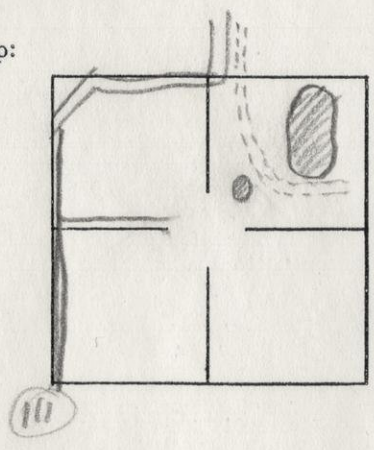
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

X = browse presence

Map:



Northern Pine-Hardwoods

Station Number: 3582

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	17	26	26			519	37	24.83	15	42.5	34.00	32.50	24.69	91.19	273.57 410.35
Acer rubru															
A. sacchar															
A. spicatu									5						
Betula lut	1	1		1		100				2.50	2.00	1.25	4.76	8.01	52.07 80.07
B. papyrif															
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau									5						
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo									5						
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer															
Tsuga cana															
Thuja occi	31	52	52			1469	54	36.24	50	77.5	62.00	65.00	69.89	196.89	393.78 787.56
Ulmus amer															
U. fulva															
Frax. nig	1	1	1			14	5	3.36	2.00	2.5	2.00	1.25	0.67	3.92	17.64 19.60
Alnus rug							47	31.54	30						
Salix							6	4.03	15						
	50	80	79	1		2102	149	100			100.00	100	100.01	300.01	737.06 1297.58

AVE. DIST. BTW'N TREES:

 $\frac{545.5}{40} = 13.64$

AVE B. A.:

26.28

TREES/ACRE:

270

DOM./ACRE:

7096

Thuya

28.25 175.5 4,960

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3582

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		X		27 12 X	12 X	16 X	14 X	14 X		19 X
Acer rubrum		X		27 12	12	16	14			23 3
A. sacchar.										
A. spicatum						X	X	X		
Betula lut.		100					X			X
B. papyrif										
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	40	29	14 30					45	13 25 2	1
Ulmus amer										
U. fulva										
Frax nig		X		X			X			X
Alnus inc	X	X	4		X	2		X		2
Ribes	X									
Distance	17.	11	3.5	19	11-5	12.5	10	10	9-5	21-5

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3582

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	1			1			13	14	12	14
Acer rubrum		X					4	12	45	19
A. sacchar.										
A. spicatum									X	X
Betula lut.									X	
B. papyrif										
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	12 65	16 12	17 35	50 27	15 30	X 26	2			
Ulmus amer										
U. fulva										
Alnus	2			X	X	X	X	X	X	X
Cornus stolon	X	X		X	X	X	X	X	X	X
Hamamelis				X						
Distance	8-5	9-5	7-5	11	13	8	9	20-5	21	16-5

over

DISTANCE	1	2	3	4	5	6	7	8	9	10
<i>Corylus corn</i>		X			X					
<i>Cornus alt</i>			X		X			X		
<i>Salix</i>				X	X			2	1	
<i>Ribes frute</i>				X						
<i>Ilex</i>				X					X	
<i>Amelanchier</i>				X				X		
<i>Lonicera</i>										
<i>Corylus corn</i>										
<i>Ribes lac.</i>							X			X
<i>Frax nigra</i>								X	1	1
<i>Spiraea alba</i>								X		
<i>Rasp.</i>								X	X	X
Station No.	31	3	3	4	2	2	1	2	2	10

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

STATION NO. 31

DATE 1903

PLANT ECOLOGY SECTION

UNIV. OF WISCONSIN

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3582

STATION NO.	21	2	3	4	5	6	7	8	9	10	
Abies balsam	13		X		250		X	X		X	
Acer rubrum											
A. sacchar.											
A. spicatum											
Betula lut.								X			
B. papyrif											
Carpinus car											
Fagus gran											
Ostrya virg											
Picea glau					X						
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	12 16	23 17	22 13	X 4	14 27	250 4	13 19	17 12	18 15	40 340
Ulmus amer											
U. fulva											
Frax repa											
Cornus stolon	X		X	X			X	X	X	X	
Alnus	2									4	
Distance	10	7	8	7	15	11	9-5	10	8	14-5	

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3382

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		19	7	2		24		13	45	14
Acer rubrum										
A. sacchar.										
A. spicatum										
Betula lutea										
B. papyrif										
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	55 30	55	12 55	14 30	23 30	21	14 13	65	50	50
Ulmus amer										
U. fulva										
Frax. nigra		x								
Cornus stolon	x	x		x	x	x	x	x	x	x
Cornus alt	x									
Distance	7	18	32	25.5	28	18	32	10	17.5	7.5

Distance	1	2	3	4	5	6	7	8	9	10
<i>Prunus vir</i>	✓									
<i>Alnus</i>			2	2	4	4	4	4	2	2
<i>Salix</i>			1	1	1	1	1	1	1	1
<i>Lox. can</i>					X					
<i>Rasp</i>						X		X		
<i>Ribes lac</i>								X		
<i>Andr. can</i>										
<i>11110 0001</i>										
<i>5" 0001</i>										
<i>00000 011</i>										
<i>00000 000</i>										
<i>5" 0000</i>										
<i>5" 0000</i>										
<i>00000 000</i>										
<i>5" 00000</i>										
<i>5" 000000</i>										
<i>0000 000</i>										
<i>0000 000</i>										
<i>0000 000</i>										
<i>00000 001</i>										
<i>5" 00000</i>										
<i>0000 000</i>										
<i>00 000000</i>										
<i>5" 00000</i>										
<i>0000 000</i>										
<i>00 00000</i>										
<i>5" 00000</i>										
<i>000 00000</i>										
<i>0000 0000</i>										
<i>0000 0000</i>										
STATION NO.	1	2	3	4	5	6	7	8	9	10

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

STATION NO.

Data Form No. 10

Forest Ecology Research

Date of Collection

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3582
Quadrat No. 155

Alnus 13
Salix 3
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius 3
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 45
Cornus rugosa
Corylus americana 5
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana 4
Dryopteris phegopteris
Dryopteris spinulosa 1
Epifagus virginiana
Epigaea repens

Aster pumilus 1
Lycopus am 12
Ribes hudson 1
Tea Thumb 123
Carex lasiocarpa 135
Lysimachia thers 2

Vaccinium 4
Thyris 5
Fragaria virginiana 3
Galium lanceolatum
Galium triflorum 35
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 1
Linnaea borealis 4
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda 45
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Scutellaria lat. 1
Calamagrostis can 2
Carex (2)
Epilobium ang. 34
Eupatorium 3
Carex intumescens 4
Carex narrow 4

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica 5
Pyrola rotundifolia
Pyrola secunda 5
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp. 3
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 1345
Sambucus pubens 4
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 4
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens 12
Viola pubescens
Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No. 6-10

Alnus 345
Salix 3
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 1
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina 5
Circaea latifolia
Clintonia borealis
Coptis trifolia 13
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 13
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana 1
Dryopteris phegopteris 5
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Fragaria virginiana 4
Galium lanceolatum
Galium triflorum 3
Gaultheria procumbens 4
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 4
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis 3
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 1
Mitchella repens
Mitella diphylla
Mitella nuda 15
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis 25
Oryzopsis asperifolia 1
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Potentilla simplex
Prenanthes alba 4
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 5
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 135
Sambucus pubens 234
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens 3
Waldsteinia fragarioides

Carex trisperma 15
Aster umbellatus 13
Pteridium nodulosum 3
Rumex 3
Scut. lat 3
Eup. mac 34

Carex trisperma 3
Calamagrostis can 34
Aster princeps 3
Tea thumb 34
Chickweed 4
Stellaria cal
Senecio

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No. 11-15

Prunella glauca 3
Actaea pachypoda

Salix 4
Pop. tremuloides 4
Fragaria virginiana

Thymus 4
Potentilla simplex

Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides

Galium lanceolatum
Galium triflorum 15
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis 4
Lonicera oblongifolia
Lupinus perennis

Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 2
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry) 12345
Rubus (dewberry) 7
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria

Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia 14
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 5

Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda 1245

Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 45

Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana 5
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium 3
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens 4
Viola pubescens
Waldsteinia fragarioides

Colamagrostis can 123
Osmunda cinn 1
Hedera 123
Thar thum 14
Chickweed 1
Carex triperma 14
Betula pum. 3

Osmunda cinn 3
Glyceria 5
Poa-like
Nemophila 5
Chorizanthe 5
Carex (2)

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No.
Quadrat No. 16-20

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus
" lobatifolius
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina 2
Circaea latifolia
Clintonia borealis
Coptis trifolia 5
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 1-4 5
" stolonifera 2 3 4 5
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dicentra palustris
Dryopteris linnaeana 2 4
Dryopteris phegopteris
Dryopteris spinulosa 3
Epifagus virginiana
Epigaea repens

Fragaria virginiana 1 3 5
Galium lanceolatum
Galium triflorum 1 2 3 4 5
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 3
Linnaea borealis
Lonicera oblongifolia
" can 4
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 4
Mitchella repens
Mitella diphylla
Mitella nuda 4
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis 4
Oryzopsis asperifolia 5
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum 1
" hirta 2
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 1 3 4 5
" rubra 2 3 5
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 4
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
" integrifolia 1
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Calamagrostis 1 2 3
Epi. angustifolium 1
Osmunda cinn 1
Dryopteris cristata 3
Cory. lasperma 3 5
Eup. mac. 3 4

Tam. ulmifolia 3 5
Ilex 5

TABULATION FORM

Stand No. 3582

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	✓																			✓		/	
Amphicarpa bracteata																							
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia																							
Antennaria sp.																							
Apocynum androsaemifolium																							
Apocynum cannabinum																							
Aquilegia canadensis																							
Aralia hispida																							
Aralia nudicaulis	✓						✓															/	
Aralia racemosa																							
Arctostaphylos uva-ursi																							
Arisaema atrorubens																							
Asarum canadense																							
Asclepias exaltata																							
Aster cordifolius																							
Aster lateriflorus	✓			✓								✓					✓					3	
Aster macrophyllus																							
Aster prenanthoides																							
Aster sagittifolius	✓																						
Aster shortii																							
Aster umbellatus	✓																						
Athyrium filix-femina																							
Athyrium thelypteroides																							
Boehmeria cylindrica																							
Botrychium lanceolatum																							
Botrychium matricariaefol																							
Botrychium virginianum	✓																						
Brachelytrum 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	✓										✓							✓				2	
Circaea quadrisulcata																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

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STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
<i>Cirsium altissimum</i>																							
<i>Claytonia caroliniana</i>																							
<i>Claytonia virginica</i>																							
<i>Clematis verticillaris</i>																							
<i>Clintonia borealis</i>																							
<i>Comandra richardsiana</i>																							
<i>Comptonia peregrina</i>																							
<i>Convolvulus spithameus</i>																							
<i>Coptis groenlandica</i>	✓					✓		✓			✓				✓						✓	5	
<i>Corallorhiza maculata</i>																							
<i>Corallorhiza striata</i>																							
<i>Corallorhiza trifida</i>																							
<i>Coreopsis palmata</i>																							
<i>Cornus alternifolia</i>	✓																						
<i>Cornus canadensis</i>	✓				✓	✓	✓		✓							✓	✓			✓	✓	8	
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis sp.</i>																							
<i>Corylus americana</i>																							
<i>Corylus cornuta</i>	✓																						
<i>Cryptotaenia canadensis</i>																							
<i>Cynoglossum boreale</i>																							
<i>Cypripedium acaule</i>																							
<i>Cypripedium parviflorum</i>																							
<i>Cypripedium pubescens</i>																							
<i>Cystopteris fragillilis</i>																							
<i>Danthonia spicata</i>																							
<i>Dentaria diphylla</i>																							
<i>Desmodium glutinosum</i>																							
<i>Desmodium nudiflorum</i>																							
<i>Dicentra canadensis</i>																							
<i>Dicentra cucullaria</i>																							
<i>Diervilla lonicera</i>																							
<i>Dirca palustris</i>																							
<i>Dryopteris boottii</i>																							
<i>Dryopteris cristata</i>	✓																		✓			1	
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>	✓				✓		✓									✓		✓		✓		5	
<i>Dryopteris phegopteris</i>	✓										✓											1	
<i>Dryopteris spinulosa</i>	✓	✓																	✓			1	
<i>Epifagus virginiana</i>																							
<i>Epigaea repens</i>																							
<i>Equisetum arvense</i>																							
<i>Equisetum hyemale</i>	✓																						
<i>Equisetum sylvaticum</i>																							
<i>Erigeron philadelphicus</i>																							
<i>Erythronium albidum</i>																							
<i>Erythronium americanum</i>																							
<i>Eupatorium rugosum</i>																							
<i>Festuca obtusa</i>																							
<i>Fragaria virginiana</i>	✓				✓					✓							✓		✓		✓	5	

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[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3582

[illegible]

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research

NORTHERN PINE-HARDWOODS

Univ. of Wisconsin

Stand No. 3582

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3582

[illegible]

STAND NO. 3582

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3582

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

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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 seedling
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 seedling
✓ 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
Cyripedium acaule
Cyripedium 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 Tawney
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
 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:

Lysimachia thyris
Carex intumescens
 skunk cabbage
Dryopteris cristata
Rumex Britanica
Ilex vert.
Caltha palustris
 rosette broad *Saxifraga pennsylvanica*
Thistle *Cirsium nuticum*
 sea. spir. *Scutellaria epilobifolia*
 Nettle stipule *Urtica dioica*
Bidens
Betula pumila
Calla palustris
Rhamnus alnifolia
~~*As. virginiana*~~

Typha latifolia