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Site 3612: Forest County, Township 39N, Range 14E, Section 1. 1953-08-12

[s.l.]: [s.n.], 1953-08-12

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Yard

Data Form No. 20 | Plant Ecology Research | Univ. of Wisconsin

STAND RECORD | **FORESTS** | **Stand No.** 3612

Name:
County: Forest
Date: 8-12-53
Observers: Chustensen
Locality:
T: 39N. R: 14E Sec: 1
Size of Stand:
Size of Area Sampled:
Forest Type:
Soil Type:
Topography: slightly undulating, boggy with standing water & Sphagnum with some higher areas
Slope:
Directions

Condition of Stand:
A stand with little recent cutting but old, limned stumps present. A great deal of blowdown & tip-ups. Dense browse layer.
Extreme use by deer even though the dense browse. Even the spruces are highlined & hedged. Deer tracks and droppings numerous

Open Grown Trees:
% Canopy:

Stumps:

1.	4.	7.	10.
2.	5.	8.	11.
3.	6.	9.	12.

Soil Data:

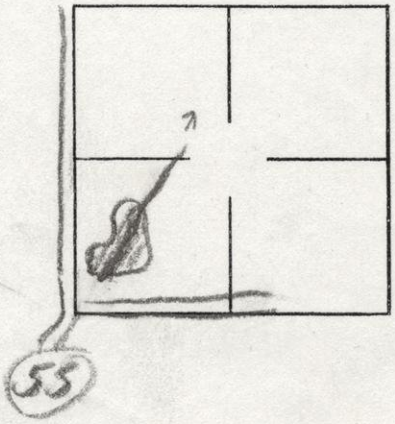
	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.		
Ao											
A_1											
A_2											
B											

	DEPTH	CHARACTERISTICS (Color, Texture, Structure, etc.)
A_0		
A_1		
A_2		
B		

Parent Material:

x = browse presence

Map:



55

56

Data Form No. 16 | Plant Ecology Research | University of Wisconsin

TREE DATA SUMMARY SHEET

Yard

Northern Pine-Hardwoods

Station Number: 36/2

TREE	# PTS	# TRS	DOM. CLASSES -80	-320	321	TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F.TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.	
Abies bals	25	52	52			1537	83	51.88	35	62.5	24.51	32.50	15.78	72.79	218.37	327.55
Acer rubru	2	3	3			186	12	7.50	20	5.0	1.96	1.88	1.91	5.75	40.25	34.50
A. sacchar							2	1.25								
A. spicatu									25							
135.09 Betula lut	27	37	12	24	1	4998	2	1.25		67.5	26.47	23.13	51.32	100.92	655.98	756.90
B. papyrif	2	3	3			94	4	2.50		5.0	1.96	1.88	0.97	4.81	21.65	24.05
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau	6	6	5	1		376	4	2.50	5	15.0	5.88	3.75	3.86	13.49	33.73	53.96
Pinus Bank																
P. resinos																
P. Strobus																
Populus ba																
P. grandid																
P. tremulo	1	1	1			13				2.5	0.98	0.63	0.13	1.74	6.09	6.09
Prunus pen																
Quercus el																
Q. rubra																
→ Prunus ser ~~Tilia amer~~							1	0.63								
Tsuga cana	8	9	9			468				20.0	7.84	5.63	4.81	18.28	137.10	155.38
Thuja occi	19	32	27	5		1503	1	0.63	5	47.5	18.63	20.00	15.43	54.06	108.12	216.24
→ Salix ~~Ulmus amer~~							2	1.25								
→ Prunus ser ~~U. fulva~~	1	1	1			13				2.5	0.98	0.63	0.13	1.74	12.18	10.44
Alnus rug							29	18.13	5							
Frax nig	5	8	6	2		411	9	5.63	5	12.5	4.90	5.00	4.22	14.12	63.54	70.60
Picea mar	6	8	8			140	11	6.88		15.0	5.88	5.00	1.44	12.32	18.48	24.64
	102	160	127	32	1	9739	160	100.03			99.99	100.03	100	300.02	1315.49	1680.35

AVE. DIST. BTW'N TREES: | AVE B. A.: 60.86 | # TREES/ACRE: | DOM./ACRE:

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TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 36/2

TREE	# PTS	# TRS	DOM. CLASSES -60	-320	321	TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F.TR.	D. % TRS.	DOMN TRS.	ORD INDEX	C. I.
Abies bals	25	59	52			1537	83	5.28	35	12.5	34.51	30.50	15.16	72.74	318.37
Acer rubru	2	3	5			108	12	4.50	20	5.0	1.46	1.88	1.41	5.25	34.50
A. saccher							2	1.25							
A. spicatu									5						
Betula lut	27	37	12	24	1	1148	2	1.25		12.5	21.47	23.19	51.32	100.42	155.46
B. papyrif	2	3	3			94	4	2.50		50	1.46	1.88	0.42	4.81	31.65
Carpinus c															
Fagus gran															
Ostrya vir															
Picea glau	6	6	5	1		374	4	2.50	5	15.0	5.88	2.25	3.86	12.49	33.23
Pinus Bank															
P. resinos															
P. Strobus															
Populus be															
P. grandid															
P. tremulo	1	1	1			13			2.5	0.08	0.29	0.13	1.74	2.04	5.04
Prunus pen															
Quercus el															
Q. rubra															
~~Tilia amer~~							1	0.13							
Tsuga cana	8	7	4			468				30.0	7.94	5.43	4.81	18.38	123.10
Thuja occi	17	32	27	5		1523	1	0.13	5	42.5	16.23	20.00	5.20	41.43	216.24
Ulmus amer							3	1.25							
U. rubra	1	1	1			13			2.5	0.08	0.23	0.13	1.74	12.18	10.44
							24	16.13	5						
	5	8	6	2		411	4	5.13	5	42.5	4.40	5.00	7.22	14.12	63.54
	6	8	8			140	11	6.88		15.0	5.88	5.00	1.44	12.32	18.46
	103	167	127	32	1	2734	160	100.03		272.5	100.03	100	300.00	1350.34	1150.55

Thuja 46.97

AVE. DIST. BTW'N TREES: — AVE B. A.: — # TREES/ACRE: — BOM./ACRE:

Data Form No. 19 | Plant Ecology Research | Univ. of Wisconsin

POINT RECORD TREES | NORTHERN PINE-HARDWOODS | Stand No. 3612

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	X	4 6		X X 2	9		4 5 5 5 X 4	6 6 X 4	6 7 4 3	2
Acer rubrum				X 2						
A. sacchar.										
A. spicatum	X	X		X	X	X	X	X	X	X
Betula lut.			7		12 14	14		12		
B. papyrif					14				X	
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										4 1
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can	8	5			8					
Thuja occ	6		7 6 12	12 13 7					8	6 5 7 1
Ulmus amer										
U. fulva										
Fraxinus nigra	12 6 X	5 X 4		6	3	4 7 7 5 X	X			
Alnus rug	4			2	1	4				
Ribes lac		X								
Distance Rasp	X		X	X		X			X	

Diameter	1	2	3	4	5	6	7	8	9	10
Salix			X 1							
Picea mariana			1					4		
Ribes ~~glob.~~ hudson					X		X		X	

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

POINT RECORD TREES NORTHERN PINE-HARDWOODS Stand No. 3612

STATION NO.	1		2		3		4		5		6		7		8		9		10	
Abies balsam			5 4	X 2		X 4	7 5				4 4	3				X 4	6	X 4		X 4
Acer rubrum		X				X				X										
A. sacchar.																				
A. spicatum		X				X		X		X		X		X		X		X		X
Betula lut.	18 8		10		9 10		20		12		18				12		7 15		12	
B. papyrif											6			2						
Carpinus car																				
Fagus gran																				
Ostrya virg																				
Picea glau									14											
Pinus Bank																				
P. resinosa																				
P. Strobus																				
Populus bals																				
P. grand																				
P. trem																				
Prunus pen.																				
Quercus ell																				
Q. rubra																				
Tilia amer																				
Tsuga can													10				8			
Thuja occ			5		7 6		7		6 9				7		5 7				4 10 6	
Ulmus amer																				
U. fulva																				
Fraxinus nigra										1		1	12							
Picea mar	5 5	X 4		2									4	X	6					
alnus	4			X				4		3				X 2						
Ribes lac										X						X				
Distance																				

Distance	1	2	3	4	5	6	7	8	9	10
Ribes hudson							X	X		
Rhamnus							X			
Salix								X		

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

POINT RECORD TREES NORTHERN PINE-HARDWOODS Stand No. 3612

STATION NO.	21	2	3	4	5	6	7	none 8	9	10
Abies balsam	7 ~~8~~ 2	6 ~~X~~ 1	7 7 7 3	5 ~~4~~ 5 4	10 ~~X~~ 3	5 ~~X~~ 3	6 3		~~X~~ 4	~~X~~ 2
Acer rubrum	~~X~~ 1	3	7		~~X~~ 1	~~X~~	1	~~X~~ 1		
A. sacchar.								2		
A. spicatum		~~X~~	~~X~~	~~X~~						~~X~~
Betula lut.	16	14 9			24 2 10 14	7	9 11 14	12 14	18 13	10
B. papyrif										7 6 2
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau	1	10				4	1	7		
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can	9			7 10						
Thuja occ	5		6					6	5 8	
Ulmus amer										
U. fulva										
over Frax. nigra										
Picea mar			1			4				5 ~~X~~
Prunus ser								1		
Distance Rasp	~~X~~	~~X~~	~~X~~					~~X~~	~~X~~	

	1	2	3	4	5	6	7	8	9	10
Cornus con	X									
Ribes lac									X	
Alnus									#	

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POINT RECORD TREES | NORTHERN PINE-HARDWOODS | Stand No. 36/2

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	10, 6 / 2	/ 1	5, 4 / X, 3	5, 4 / 3	6, 7 / 1	5, 6 / X, 4	6 / X, 2	11, 6 / 2	6, 5 /	5, 6 / X, 4
Acer rubrum	10, 10	6 / X, 2	7, 6 / X	7 / X	6 /	6, 7 /	/ X	/ 1	/	/
A. sacchar.	/	/ X	/	/	/	/	/	/	/	/
A. spicatum	/	/ X	/ X	/	/	/ X	/ X	/ X	/ X	/
Betula lut.	/	14 /	/	7 /	7 /	/	6 / 1	14 /	12 /	/
B. papyrif	/	/	/	/	/	/	/	/	/	/
Carpinus car	/	/	/	/	/	/	/	/	/	/
Fagus gran	/	/	/	/	/	/	/	/	/	/
Ostrya virg	/	/	/	/	/	/	/	/	/	/
Picea glau	/	10 /	/	/	/	/	/ 1	/	/	/
Pinus Bank	/	/	/	/	/	/	/	/	/	/
P. resinosa	/	/	/	/	/	/	/	/	/	/
P. Strobus	/	/	/	/	/	/	/	/	/	/
Populus bals	/	/	/	/	/	/	/	/	/	/
P. grand	/	/	/	/	/	/	/	/	/	/
P. trem	/	/	/	/	/	/	/	/	4 /	/
Prunus pen.	/	/	/	/	/	/	/	/	/	/
Quercus ell	/	/	/	/	/	/	/	/	/	/
Q. rubra	/	/	/	/	/	/	/	/	/	/
Tilia amer	/	/	/	/	/	/	/	/	/	/
Tsuga can	/	/	/	/	/	/	/	/	/	7 /
Thuja occ	/	6 /	/	/	/	/	12, 7 /	13 /	/	/
Ulmus amer	/	/	/	/	/	/	/	/	/	/
U. fulva	/	/	/	/	/	/	/	/	/	/
Picea mar	2 /	/ X	/	/	/	/	/	/	/	/
Ribes lac	X /	/	/	/	X /	X /	/	/	/	/
Salix	/	/	/ 1	/	/	/	/	/	/	/
Distance Alnus				1	3	X		X / 1	X / 1	

over

	1	2	3	4	5	6	7	8	9	10
Corylus com	X									
Nemopanthus		X								
Rosa					X					
Amelanchier						X	X			
Lon. can							X			
Prunus ser										4

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HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 36/2
Quadrat No. 1-5

✓ Acer rubrum 1
✓ Fraxinus nigra 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
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina 3
Circaea latifolia
Clintonia borealis 5
Coptis trifolia 5
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 45
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 135
Epifagus virginiana
Epigaea repens

✓ Acer saccharum 34
✓ Abies 4

Fragaria virginiana
Galium lanceolatum
Galium triflorum 3
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 12
Linnaea borealis 5
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda 1
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
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
Rosa sp. 3 hudson
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 35
Sambucus pubens 25
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 23
Viola pubescens
Waldsteinia fragarioides

✓ Carex nigrum 1234
✓ Glyceria striata 13
✓ Dryopteris cristata 2
✓ Epilobium leptophyllum 2
✓ Aster simplex 2
✓ Prunella vulgaris 2

✓ Carex trisperma 5
Carex laxiflora 135

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HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 3612 Quadrat No. 6-10

✓Picea glauca 1
✓Abies 2 5
✓Acer spicatum 3 4 5
✓Acer rubrum 3

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
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina 5
Circaea latifolia
Clintonia borealis 1 2 3 4 5
Coptis trifolia 3 5
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 1 3 5
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana 2
Dryopteris phegopteris 3 4
Dryopteris spinulosa 2 4
Epifagus virginiana
Epigaea repens
✓Carex trisperma 1 2
✓Ribes triste 2
Dryopteris cristata 2
✓Epilobium narrow
✓Ribes hudsonia 4
✓Alnus 4

Fragaria virginiana
Galium lanceolatum
Galium triflorum 5
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis 3 5
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda 4
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 2 3 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
" lac. 3
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 1 2 4 5
Sambucus pubens rath 4
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
" incognita 1 5
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Carex narrow 5
✓Vac can 5
Carex broad 2 3 5

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HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 36/2
Quadrat No. 11-15

✓Abies 13
✓Acer spicatum 2
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
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 134
Coptis trifolia 13
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 15
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 2
Epifagus virginiana
Epigaea repens
✓Epilobium narrow 2
✓Carex ~~trisperma~~ 2
✓Solidago patula 2
✓Rubus hudson. 2
Carex narrow 34

✓Acer rubrum 7
✓Thuja 5
Fragaria virginiana
Galium lanceolatum
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum 3
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 13
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
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
Rosa sp. lac 25
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 2
Sambucus pubens 2
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 1
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Carex broad 2

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HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 3612
Quadrat No. 16-20

✓ abies 34 | ✓ acer saccharum 4

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
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 125
Coptis trifolia 234
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 12345
Cornus rugosa
Corylus americana
Corylus cornuta 1
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 35
Epifagus virginiana
Epigaea repens
✓ Glyceria striata 1
✓ Calamagrostis can 135
✓ Carex trisperma 245

Fragaria virginiana
Galium lanceolatum
Galium triflorum 4
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora
Linnaea borealis 124
Lonicera oblongifolia
Lupinus perennis can 4
Lycopodium annotinum 2
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 1
Mitchella repens
Mitella diphylla
Mitella nuda 4
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana 3
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
Rosa sp. lac 1
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 2345
Sambucus pubens pub 3
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 1
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens incognita 5
Viola pubescens
Waldsteinia fragarioides

Carex lacust 24

Data Form No. 23 | Plant Ecology Research | Univ. of Wisconsin

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3612

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 grypsosepala																							
Allium tricoccum																							
Alnus incana																							
Alnus rugosa	✓																						
Amphicarpa bracteata																							
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia																							
Antennaria sp.																							
Apocynum androsaemifoliu																							
Apocynum cannabinum																							
Aquilegia canadensis																							
Aralia hispida																							
Aralia nudicaulis	✓																						
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	✓				✓	✓																1	
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	✓			✓						✓												2	
Circaea quadrisulcata																							

Data Form No. 23 | Plant Ecology Research | Univ. of Wisconsin

TABULATION FORM — NORTHERN PINE-HARDWOODS — Stand No. 3612

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	✓					✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓			✓	12	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓					✓			✓		✓	✓		✓				✓	✓	✓		8	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia	✓																						
Cornus canadensis	✓				✓	✓	✓		✓		✓	✓				✓	✓	✓	✓	✓	✓	12	
Cornus foemina																							
Cornus rugosa																							
Corydalis sp.																							
Corylus americana																							
Corylus cornuta	✓																✓					1	
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	✓		✓					✓														2	
Dryopteris goldiana																							
Dryopteris disjuncta	✓							✓														1	
Dryopteris phegopteris	✓								✓	✓												2	
Dryopteris spinulosa	✓	✓		✓		✓		✓		✓			✓						✓		✓	8	
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense	✓																						
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicum																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana																							

Data Form No. 23 Plant Ecology Research Univ. of Wisconsin

TABULATION FORM NORTHERN PINE-HARDWOODS Stand No. 36/2

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Fragaria vesca																							
Galium aparine	✓		✓																			1	
Galium boreale																							
Galium circaezans																							
Galium concinnum																							
Galium lanceolatum																							
Galium triflorum	✓			✓							✓									✓		3	
Gaultheria hispidula																							
Gaylussacia baccata																							
Geranium maculatum																							
Gerardia pedicularia																							
Geum canadense																							
Geum rivale																							
Gnaphalium obtusifolium																							
Goodyera oblongifolia																							
Goodyera pubescens																							
Goodyera repens																							
Habenaria bracteata																							
Habenaria orbiculata																							
Hackelia virginiana																							
Halenia deflexa																							
Hamamelis virginiana																							
Helianthus strumosus																							
Hepatica acutiloba																							
Hepatica americana																							
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum																							
Hystrix patula																							
Ilex verticillata																							
Impatiens biflora	✓	✓	✓																			2	
Impatiens pallida																							
Isopyrum biternatum																							
Krigia biflora																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus																							
Lathyrus venosus																							
Ledum groenlandicum																							
Lilium michiganense																							
Linnaea borealis	✓					✓			✓		✓						✓	✓		✓		6	
Lithospermum canescens	✓																						
Lobelia inflata																							
Lonicera canadensis	✓																			✓		1	
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

Data Form No. 23 | Plant Ecology Research | Univ. of Wisconsin

TABULATION FORM | NORTHERN PINE-HARDWOODS | Stand No. 3612

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

Data Form No. 23 | Plant Ecology Research | Univ. of Wisconsin

TABULATION FORM — NORTHERN PINE-HARDWOODS — Stand No. 3612

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Prenanthes alba																							
Prunella vulgaris	✓		✓																			1	
Pteretis pensylvanica																							
Pteridium aquilinum																							
Pyrola asarifolia																							
Pyrola elliptica																							
Pyrola minor																							
Pyrola rotundifolia																							
Pyrola secunda																							
Pyrola virens																							
Ranunculus abortivus																							
Ranunculus recurvatus																							
Ranunculus septentrional																							
Rhus radicans																							
Rhus typhina																							
Ribes americanum																							
Ribes cynosbati																							
Ribes lacustre	✓								✓				✓			✓	✓					4	
Ribes triste	✓							✓														1	
Rosa sp.																							
Rubus idaeus																							
Rubus parviflorus																							
Rubus hispidus																							
Rubus - blackberry																							
Rubus - dewberry	✓			✓		✓	✓	✓		✓	✓		✓					✓	✓	✓	✓	11	
Rubus - raspberry	✓		✓			✓				✓			✓						✓			5	
Salix sp.	✓																						
Sambucus canadensis																							
Sambucus pubens																							
Sanguinaria canadensis																							
Sanicula gregaria																							
Sanicula marilandica																							
Schizachne purpurascens																							
Scutellaria lateriflora																							
Senecio aureus																							
Shepherdia canadensis																							
Smilacina racemosa																							
Smilacina stellata																							
Smilax ecirrhata																							
Smilax herbacea																							
Smilax hispida																							
Solidago canadensis																							
Solidago flexicaulis																							
Solidago ulmifolia																							
Spiraea alba																							
Stellaria longifolia																							
Streptopus amplexifolius																							
Streptopus roseus																							
Symphoricarpos albus																							
Taxus canadensis	✓																						
Thalictrum dioicum																							

Data Form No. 23 | Plant Ecology Research | Univ. of Wisconsin

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3612

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Trientalis borealis	✓				✓							✓					✓					4	
Trillium cernuum																							
Trillium grandiflorum																							
Uvularia grandiflora																							
Uvularia sessilifolia																							
Vaccinium angustifolium	✓										✓											1	
Vaccinium myrtilloides																							
Veronicastrum virginicum																							
Viburnum acerifolium																							
Viburnum rafinesquianum																							
Viburnum lentago																							
Viola adunca																							
Viola blanda																							
Viola canadensis																							
Viola conspersa																							
Viola cucullata																							
Viola pensylvanica																							
Viola incognita	✓		✓	✓			✓				✓		✓								✓	6	
Viola pallens																							
Viola pubescens																							
Viola renifolia																							
Vitis aestivalis																							
Vitis riparia																							
Waldsteinia fragarioides																							
Xanthoxylum americanum																							
Zizia aurea																							
Additional species:																							

TAPULATION FORM NORTHERN LOWLANDS STAND NO. 36/2

Station No.	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Herbs																							
Agrostis alba																							
Agrostis perennans																							
Anaphalis margaritacea																							
Andromeda glaucophylla																							
Aquilegia canadensis																							
Arabis canadensis																							
Aster junciformis																							
Aster puniceus																							
Aster simplex	✓		✓																			1	
Betula pumila																							
Bidens cernua																							
Bidens frondosa																							
Calamagrostis canadensis	✓																✓		✓		✓	3	
Calla palustris																							
Caltha palustris																							
Campanula aparinoides																							
Cardamine pensylvanica																							
Carex spp.	✓																						
Carex trisperma	✓					✓	✓	✓					✓					✓		✓	✓	7	
Chamaedaphne calyculata																							
Chelone glabra																							
Chrysosplenium americanum																							
Cicuta bulbifera																							
Cinna arundinacea																							
Cirsium arvense																							
Cirsium muticum																							
Clematis virginiana																							
Cornus racemosa																							
Cornus stolonifera																							
Cynoglossum boreale																							
Drosera rotundifolia																							
Dryopteus linnaeana																							
Echinocystis lobata																							
Epilobium angustifolium	✓																						
Epilobium glandulosum																							
Epilobium leptophyllum	✓		✓										✓									2	

TABULATION FORM NORTHERN LOWLANDS STAND NO. 3612

Station No.	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Herbs																							
Eriophorum spp.																							
Eupatorium maculatum	✓																						
Eupatorium perfoliatum																							
Galium trifida																							
Gaultheria procumbens																							
Geum aleppicum																							
Geum laciniatum																							
Glyceria canadensis																							
Glyceria striata	✓	✓		✓													✓					3	
Habenaria clavellata																							
Helianthus tuberosa																							
Heracleum maximum																							
Humulus lupulus																							
Hypericum virginicum																							
Iris virginica	✓																						
Lychnis alba																							
Lysimachia terrestris																							
Lysimachia thyrsifolia																							
Mentha arvensis																							
Muhlenbergia mexicana																							
Oenothera biensis																							
Pedicularis canadensis																							
Phleum pratense																							
Poa palustris																							
Poa pratensis																							
Polygonum arifolium																							
Polygonum cilinode	✓																						
Polygonum sagitatum																							
Potentilla norvegica																							
Potentilla palustris																							
Ranunculus acris																							
Ranunculus flabellaris																							
Ranunculus repens																							
Ranunculus sclereratus																							
Rhamnus olnifolia	✓																						
Rhus vernix																							

TABULATION FORM NORTHERN LOWLANDS STAND NO. 3612

Station No.	P	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Herbs:																							
Ribes hirtellum																							
Ribes hudsonianum	✓			✓						✓			✓									3	
Rudbeckia laciniata																							
Rumex acetosella																							
Rumex Britanica																							
Saxifraga pensylvanica																							
Scirpus atrovivens																							
Scirpus cyperinus	✓																						
Scirpus lineatus																							
Scrophularia marilandica																							
Scutellaria epilobiifolia	✓																						
Sium suave																							
Smilacina trifolia																							
Solanum nigrum																							
Solidago altissima																							
Solidago gigantea																							
Solidago graminifolia																							
Solidago patula	✓												✓									1	
Solidago uliginosa																							
Stachys polustris																							
Stellania calycantha																							
Symplocarpus foetidus																							
Taraxacum officinale																							
Trifollium repens																							
Typha latifolia																							
Urtica dioica	✓																						
Vaccinium oxycoccus																							
Viola eriocarpa																							

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PRESENCE LIST | NORTHERN PINE-HARDWOODS | STAND NO. 36/2

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
Sorbus decora
Thuja occidentalis
Tilia americana
Tsuga canadensis
Ulmus americana seedling
Ulmus fulva
Picea mariana

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia grypsosepala
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

Data Form No. 17 (P.2)

3612

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:

Ribes hudsonianum
~~Thistle~~ Cirsium muticum
~~Nettle stipules~~ Urtica dioica
Scutellaria epi.
Carex ~~trisperma~~
Epilobium angustifolium
Var. can
Polygonum cilinode
Eupatorium mac
Dryopteris