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Site 3595: Washburn County, Township 42N, Range 11W, Section 36. 1953-07-19

[s.l.]: [s.n.], 1953-07-19

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STAND RECORD

FORESTS

Stand No. 3595

Name:

County: *Washburn*Date: *7-19-53*

Size of Stand:

Forest Type:

Topography: *Flat, lowland, boggy-swampy*

Locality:

T: *42N* R: *11W* Sec: *36*Observers: *Christensen*

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

A stand with much broken and rotten timber. Has not been cut for long time, but from number of rotten stumps was probably cut severely once.
An extremely used yard. Although there are many browse plants, all are browsed severely.

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

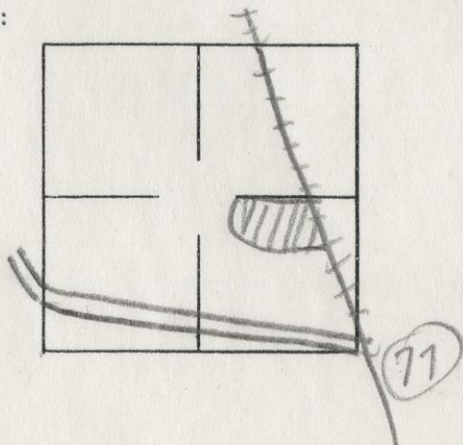
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

X = browse presence

Map:



Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

Northern Pine-Hardwoods

Station Number: 3595

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	24	56	56			1386	37	23.72	15	60.0	31.17	35.00	28.94	95.11	285.33	427.09
Acer rubru	2	2	2			217	1	0.64	10	5.0	2.60	1.25	4.53	8.38	58.66	50.28
A. sacchar																
A. spicatu									25							
Betula lut																
B. papyrif	4	5	5			144	4	2.56	25	10.0	5.19	3.13	3.01	11.33	50.99	56.65
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau	2	3	3			94			5	5.0	2.60	1.88	1.96	6.44	16.10	25.76
Pinus Bank																
P. resinosa																
P. Strobus																
Populus ba																
P. grandid																
P. tremulo	11	24	22	2		867	3	1.92	5	27.5	14.29	15.00	18.10	47.39	165.87	165.87
Prunus pen																
Quercus el																
Q. rubra																
→ Tilia amer							1	0.64	5							
→ Tsuga cana	2	3	3			89	3	1.92		5.0	2.60	1.88	1.86	6.34	6.34	6.34
Thuja occi	20	48	48			1633	25	16.03	5	50.0	25.97	30.00	34.10	90.07	180.14	360.28
Ulmus amer	2	2	2			48	1	0.64		5.0	2.60	1.25	1.00	4.85	24.25	26.67
→ U. fulva	2	2	2			26	6	3.85		5.0	2.60	1.25	0.54	4.39	6.59	8.78
Salix							5	3.21	10							
Alnus inc							31	19.87	15							
Frax inc	8	15	15			285	39	25.00	55	20.0	10.39	9.38	5.95	25.72	115.74	128.60
	77	160	158	2		4789	156	100			100.01	100.02	99.99	300.02	910.01	1257.22

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

29.93

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3595

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>		X							5	7 X
<i>Acer rubrum</i>	X		X				X		5	5 7
<i>A. sacchar.</i>										
<i>A. spicatum</i>							X		X	
<i>Betula lut.</i>										
<i>B. papyrif</i>	X			X	X	X	X			
<i>Carpinus car</i>										
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>				X						
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobus</i>										
<i>Populus bals</i>										
<i>P. grand</i>										
<i>P. trem</i>			6	{ 5 6 5 7	1 { 7 4 6 5	{ 5 7 7 4	2 { 7 8 4 6	7		
<i>Prunus pen.</i>										
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										
<i>Tsuga can</i>										
<i>Thuja occ</i>	{ 5 7 7 5	{ 7 7 5	1						8	4 7
<i>Ulmus amer</i>								6		
<i>U. fulva</i>										
<i>Lon. obl.</i>	X		X					X		
<i>Lon can</i>	X			X			X			
<i>Cornus stolon</i>	X		X	X	X	X		X		X
<i>Frax mya</i>						X	X	5 4	5	X
Distance	1					1		4	3	3

18
50911
351

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3595

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

28
75922
73413
402

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3595

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam	7	2	6	2	5	5	5	5	4	4
Acer rubrum										
A. sacchar.										
A. spicatum	X									
Betula lut.										
B. papyrif				4	5				7	1
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau									7	66
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem					7					11
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can			9							
Thuja occ	7	7	5	6	1	5	1		1	X
Ulmus amer										
U. fulva										
Frax nigra	X	4	X	X	X	X	X	X	X	X
Rasp	X									
Cornus altern	X	X		X	X	X	X	X	X	X
Ribes	X				X					
Distance										

50
134124
86719
628

over

holson

	1	2	3	4	5	6	7	8	9	10
Alnus	X	X	XX	X	3	XX		X	XX	XX
Lon. obl.	1	X			X	X	X		X	XX
Salix		1								1
Corylus com										
Alex										
Lon. can								X		
Rhamnus								X	X	
Q. larix										
Quercus ell										
Pinus stro										
P. stro										
P. stro										
Robinia pelt										
P. scopul										
P. scopul										
Pinus stro										
Pinus stro										
Quercus ell										
Pinus stro										
Calocedrus cal										
P. scopul										
Robinia pelt										
P. scopul										
P. scopul										
Robinia pelt										
Station No.	1	2	3	4	5	6	7	8	9	10

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

Data Form No. 18

Plant Ecology Research

Univ. of Wisconsin

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3595

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam		6	4	5			X	6		
Acer rubrum		X		X		1		X		
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif		1			5	X	X	1		
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau				X	X					
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can	(7					(5	(6	(8		
Thuja occ	{5 6	5	7	{7 5	6	{7 2	{6 2	{7 9	{5 5	4
Ulmus amer	{4			{8	9	{9	{8	{7		5
U. fulva										
Alnus	X	1	1			1				3
Rasp	X									
Cornus stolon	X	X		X	X		X	X	X	
Con. obl.	X	X			X	X	X	X	X	X
Distance										

56
138C48
1637

over

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3595
Quadrat No. 1-5

<i>Frax. nigra</i> 2	<i>V. thuya</i> 3	<i>Bet. p. pap.</i> 45
<i>Aber. rubrum</i> 3	<i>Picea glauca</i> 4	<i>Potentilla simplex</i>
<i>Actaea pachypoda</i>	<i>Fragaria virginiana</i> 1235	<i>Prenanthes alba</i>
<i>Actaea rubra</i>	<i>Galium lanceolatum</i>	<i>Pteridium aquilinum</i>
<i>Adiantum pedatum</i>	<i>Galium triflorum</i> 25	<i>Pyrola elliptica</i>
<i>Allium tricoccum</i>	<i>Gaultheria procumbens</i> 1	<i>Pyrola rotundifolia</i>
<i>Anemone quinquefolia</i>	<i>Gaylussacia baccata</i>	<i>Pyrola secunda</i>
<i>Aquilegia canadensis</i>	<i>Geranium maculatum</i>	<i>Ranunculus recurvatus</i>
<i>Aralia nudicaulis</i>	<i>Geum canadense</i>	<i>Rhus radicans</i>
<i>Aralia racemosa</i>	<i>Gnaphalium obtusifolium</i>	<i>Ribes americanum</i>
<i>Arisaema atrorubens</i>	<i>Helianthemum sp.</i>	<i>Rosa glab. 4 hudson</i>
<i>Aster macrophyllus</i> 123	<i>Helianthus strumosus</i>	<i>Rosa sp.</i>
<i>Aster sagittifolius</i>	<i>Hepatica acutiloba</i>	<i>Rubus parviflorus</i>
<i>Athyrium angustum</i>	<i>Hepatica americana</i>	<i>Rubus (blackberry)</i>
<i>Botrychium virginianum</i>	<i>Impatiens biflora</i>	<i>Rubus (dewberry)</i> 123/45
<i>Brachyelytrum erectum</i>	<i>Linnaea borealis</i>	<i>Sambucus pubens</i> 123/45
<i>Carex albursina</i>	<i>Lonicera oblongifolia</i> 1	<i>Sanguinaria canadensis</i>
<i>Caulophyllum thalictroides</i>	<i>Lupinus perennis</i>	<i>Sanicula gregaria</i>
<i>Chimaphila umbellata</i>	<i>Lycopodium annotinum</i>	<i>Smilacina racemosa</i>
<i>Circaea alpina</i>	<i>Lycopodium complanatum</i>	<i>Smilacina stellata</i>
<i>Circaea latifolia</i>	<i>Lycopodium lucidulum</i>	<i>Smilax ecirrhata</i>
<i>Clintonia borealis</i>	<i>Lycopodium obscurum</i>	<i>Solidago ulmifolia</i>
<i>Coptis trifolia</i> 3	<i>Lysimachia quadrifolia</i>	<i>Streptopus roseus</i>
<i>Corallorrhiza maculata</i>	<i>Maianthemum canadense</i> 3	<i>Taxus canadensis</i>
<i>Cornus alternifolia</i>	<i>Mitchella repens</i>	<i>Thalictrum dioicum</i>
<i>Cornus canadensis</i> 23	<i>Mitella diphylla</i>	<i>Trientalis borealis</i>
<i>Cornus rugosa</i>	<i>Mitella nuda</i> 2	<i>Trillium grandiflorum</i>
<i>Corylus americana</i> 45	<i>Monotropa uniflora</i>	<i>Uvularia grandiflora</i>
<i>Corylus cornuta</i> 2	<i>Myrica asplenifolia</i>	<i>Uvularia sessilifolia</i>
<i>Cypripedium acaule</i>	<i>Onoclea sensibilis</i>	<i>Vaccinium angustifolium</i>
<i>Diervilla lonicera</i>	<i>Oryzopsis asperifolia</i>	<i>Vaccinium pennsylvanicum</i>
<i>Dirca palustris</i>	<i>Osmorhiza claytoni</i>	<i>Viburnum acerifolium</i>
<i>Dryopteris linnaeana</i>	<i>Oxalis montana</i>	<i>Viola canadensis</i>
<i>Dryopteris phegopteris</i>	<i>Phryma leptostachya</i>	<i>Viola cucullata</i>
<i>Dryopteris spinulosa</i> 2	<i>Polygala pauciflora</i>	<i>Viola sp. ang. 2</i>
<i>Epifagus virginiana</i>	<i>Polygonatum commutatum</i>	<i>Viola pallens</i>
<i>Epigaea repens</i>	<i>Polygonatum pubescens</i>	<i>Viola pubescens</i>
<i>Spunk cabbage</i> 1234	<i>Tea Thumb</i> 12	<i>Waldsteinia fragarioides</i>
<i>Rumex</i> 13	<i>Calamagrostis</i> 12345	<i>Aster sp. 2</i>
<i>Scit. lat.</i> 1	<i>Campanula aparinoides</i>	<i>Anna</i> 2
<i>Scirpus am.</i> 12	<i>Caltha palustris</i> 1	<i>Epilobium</i>
<i>Carex triperma</i> 12	<i>Carex nanora</i> 1	<i>Epilobium ang.</i> 3
<i>Broad rosette</i> 1	<i>Eup. mac.</i> 14	<i>Yarrow</i> 3
<i>Slyena</i> 1	<i>Osmunda cinn.</i> 123	<i>Dryopteris</i> 4

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3595
Quadrat No. 5-10

✓ Bet pop. 1
 ✓ Frax nigra 134
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 2
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus
 " latifolius 134
 Aster sagittifolius
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis
 Coptis trifolia 45
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 1245
 Cornus rugosa
 " stolon 134
 Corylus americana
 Corylus cornuta
 Cyripedium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana 5
 Dryopteris phegopteris 5
 Dryopteris spinulosa 234
 Epifagus virginiana
 Epigaea repens
 ✓ Calamagrostis 1234
 ✓ Ascle. pun 2
 ✓ Porthenocissus 2
 ✓ Lycopodium 2
 ✓ Carex lasiocarpa 35
 Osmunda cinn
 Lactuca cany
 Carex narrow 5

✓ Frax nigra 2
 ✓ alnus 3
 Fragaria virginiana 23
 Galium lanceolatum
 Galium triflorum 245
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense 4
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana
 Impatiens biflora
 Linnaea borealis 2
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense 5
 Mitchellia repens
 Mitella diphylla
 Mitella nuda 2345
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens

✓ Acer sp. 4 *
 Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry)
 Rubus (dewberry) 234
 " rugos 24
 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
 Viola cucullata
 " incognita 2345
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides
 ✓ Acer rubrum 5

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3595

Quadrat No. 11-15

✓ *Fragaria* 145
 ✓ *Alnus*
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 2
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus
 " *lateriflorus* 5
 Aster sagittifolius
 " *umbellatus* 4
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina 4
 Circaea latifolia
 Clintonia borealis
 Coptis trifolia 3
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 23
 Cornus rugosa
 " *stolon*
 Corylus americana
 Corylus cornuta
 Cypripedium acaule
 Diervilla lonicera
 Dirca palustris
 Dryopteris linnaeana 234
 Dryopteris phegopteris
 Dryopteris spinulosa 3
 Epifagus virginiana
 Epigaea repens
 ✓ *Carex trispennis* 123
 ✓ *Lycopodium* am 13
 ✓ *Salix* 1
 ✓ *Aster princeps* 123
 ✓ *Calamagrostis* can 2
 ✓ *Parthenocissus* 3

✓ *Fragaria* am 4
 ✓ *Acer spic* 45
 Fragaria virginiana 12
 Galium lanceolatum
 Galium triflorum 125
 Gaultheria procumbens
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana
 Impatiens biflora 1
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis 3
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum
 Lysimachia quadrifolia
 Maianthemum canadense
 Mitchella repens
 Mitella diphylla
 Mitella nuda 1245
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis 4
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens 4

✓ *Carex marian* 45
 ✓ *Lactuca* 5

✓ *Adiantum*
 ✓ *Bot. pap* 4
 Potentilla simplex
 Prenanthes alba
 Pteridium aquilinum
 Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus recurvatus
 Rhus radicans
 Ribes americanum
 Rosa sp.
 Rubus parviflorus
 Rubus (blackberry) 1235
 Rubus (dewberry) 12
 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
 " *maculata* 124
 Viola cucullata
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3595

Quadrat No. 16-20

✓ *Asar. sp.* 14
 ✓ *Salix* 2
Actaea pachypoda
Actaea rubra 2
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 1345
Aralia racemosa
Arisaema atrorubens
 " *latifolium* 12
Aster macrophyllus 3
Aster sagittifolius
Athyrium angustum 2
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 24
Coptis trifolia 4
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 245
Cornus rugosa
Corylus americana 35
Corylus cornuta
Cypripedium acaule
Diervilla lonicera 34
Dirca palustris
Dryopteris linnaeana 2
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Carex nanow 134
 " *W-leaf nut* 12
 ✓ *Carex triperma* 15
 ✓ *Aster pauciflorus* 135
 ✓ *Equisetum ar.* 24
 ✓ *Epilobium ang.* 2
 ✓ *Calamagrostis* 235

✓ *Frag. virginiana* 135
Galium lanceolatum
Galium triflorum 12
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Impatiens biflora 1
Linnaea borealis
Lonicera oblongifolia
 " *can.* 2
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum 4
Lysimachia quadrifolia
Maianthemum canadense 4
Mitchella repens
Mitella diphylla
Mitella nuda 25
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis 5
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens

✓ *Osmunda cinn.* 45
Aster bar. 5
Alnus 5
Solidago uliginosa

✓ *Pop. trem.* 3
Potentilla simplex
Prenanthes alba
Pteridium aquilinum 34
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 12345
 " *raip* 124
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 5
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
 " *macrocarpa* 235
Viola pallens
Viola pubescens
Waldsteinia fragarioides

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3595

STATION NO.	P.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
HERBS:																							
Actaea pachypoda																							
Actaea rubra	✓																	✓				1	
Adenocaulon bicolor																							
Adiantum pedatum																							
Agrimonia gryposepala																							
Allium tricoccum																							
Alnus incana																							
Alnus rugosa	✓								✓		✓											✓ 3	
Amphicarpa bracteata																							
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia																							
Antennaria sp.																							
Apocynum androsaemifolium																							
Apocynum cannabinum																							
Aquilegia canadensis																							
Aralia hispida																							
Aralia nudicaulis	✓							✓				✓					✓	✓	✓	✓	✓	6	
Aralia racemosa	✓																						
Arctostaphylos uva-ursi																							
Arisaema atrorubens	✓																						
Asarum canadense																							
Asclepias exaltata																							
Aster cordifolius																							
Aster lateriflorus	✓	✓	✓	✓					✓	✓						✓	✓	✓				8	
Aster macrophyllus	✓																✓		✓			1	
Aster prenanthoides																							
Aster sagittifolius																							
Aster shortii																							
Aster umbellatus	✓														✓							1	
Athyrium filix-femina	✓																	✓				1	
Athyrium thelypteroides																							
Boehmeria cylindrica																							
Botrychium lanceolatum																							
Botrychium matricariaefolium																							
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	✓														✓							1	
Circaea quadrisulcata																							

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3595

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>	✓																	✓	✓		2		
<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>	✓		✓	✓									✓	✓				✓		✓	✓	7	
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis</i> sp.																							
<i>Corylus americana</i>																							
<i>Corylus cornuta</i>	✓		✓																			1	
<i>Cryptotaenia canadensis</i>																							
<i>Cynoglossum boreale</i>																							
<i>Cypripedium acaule</i>																							
<i>Cypripedium parviflorum</i>																							
<i>Cypripedium pubescens</i>																							
<i>Cystopteris fragilis</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>	✓																		✓	✓		2	
<i>Dirca palustris</i>																							
<i>Dryopteris bootii</i>																							
<i>Dryopteris cristata</i>	✓				✓																	1	
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>	✓										✓		✓	✓	✓			✓				5	
<i>Dryopteris phegopteris</i>	✓										✓											1	
<i>Dryopteris spinulosa</i>	✓		✓					✓	✓	✓				✓								5	
<i>Epifagus virginiana</i>																							
<i>Epigaea repens</i>																							
<i>Equisetum arvense</i>	✓																	✓		✓		2	
<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>	✓	✓	✓	✓		✓		✓	✓			✓	✓				✓		✓		✓	11	

Data Form No. 23

Plant Ecology Research

Univ. of Wisconsin

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3595

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	✓		✓			✓		✓		✓	✓	✓	✓			✓	✓	✓					10
Gaultheria hispidula																							
Gaylussacia baccata																							
Geranium maculatum																							
Gerardia pedicularia																							
Geum canadense	✓									✓													1
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 bitermum																							
Krigia biflora																							
Lactuca canadensis	✓									✓							✓						2
Laportea canadensis																							
Lathyrus ochroleucus																							
Lathyrus venosus																							
Ledum groenlandicum	✓																						
Lilium michiganense																							
Linnaea borealis	✓							✓															1
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis	✓													✓				✓					2
Lonicera hirsuta																							
Lonicera oblongifolia	✓	✓																					1
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3595

[illegible]

Data Form No. 23
TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3595

[illegible]

NORTHERN PINE-HARDWOODS

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3595

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3595

[illegible]

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3595

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3595

Abies balsamea
Acer rubrum
Acer saccharum
✓ Acer spicatum
✓ Amelanchier sp. (seedling)
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 (seedling)
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 phyto-laccoides
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
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 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
 Mitchella repens
 Mitella diphylla
 Mitella nuda
 Monarda fistulosa
 ✓ Moneses uniflora
 Monotropa uniflora
 Myrica asplenifolia
 ✓ Onoclea sensibilis
 Oryzopsis asperifolia
 Osmorhiza claytoni
 ✓ Osmunda cinnamomea
 ✓ Osmunda claytoniana
 Oxalis montana
 Panax quinquefolia
 Parietaria pennsylvanica
 Parthenocissus vitacea
 Pedicularis lanceolata
 Phytolacca leptostachya
 Podophyllum peltatum
 Polemonium reptans
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens
 Potentilla simplex
 Prenanthes alba
 Pteris nodulosa
 ✓ Pteridium aquilinum

Pyrola elliptica
 Pyrola rotundifolia
 Pyrola secunda
 Ranunculus abortivus
 Ranunculus recurvatus
 Ranunculus septentrionalis
 Rhus radicans
 Rhus typhina
 Ribes americanum
 Ribes cynosbati
 Ribes lacustre
 ✓ Ribes triste
 Rubus idaeus
 Rubus parviflorus
 Rubus hispidus
 Rubus - blackberry
 Rubus - dewberry
 Rubus - raspberry
 Sambucus canadensis
 Sambucus pubens
 Sanguinaria canadensis
 Sanicula gregaria
 Schizachne purpurascens
 ✓ Scutellaria lateriflora
 Shepherdia canadensis
 Smilacina racemosa
 Smilacina stellata
 Smilax ecirrhata

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 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:

Canna arundinacea
 Aster paniculatus
 Ilex vert. leptophyllum
 Epilobium ~~nauseosum~~
 Nemophila
 Prunella vulgaris
 Sagittaria. Heracleum maximum
 Aster ~~basal~~ Solidago uliginosa
 Iris virg.
 Big drooping Carex
 Rhamnus
 Bromus pumilus
 Scutellaria epilobifolia
 Carex ontariensis
 Sparganium alba
 Orchid (Palmeria bracteata)?
 ? Potentilla alba

Aster simplex
 Calla palustris
 Caltha palustris

Washington

7-21-52

Date Form No. 17

Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO.

✓ *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

742 N
R 11 W
S36

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
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
Hystris 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*

Cor

Melampyrum lineare
 ✓ Mitchellia repens
 Mitella diphylla
 Mitella nuda
 Monarda fistulosa
 Moneses uniflora
 Monotropa uniflora
 Myrica asplenifolia
 ✓ Onoclea sensibilis
 Oryzopsis asperifolia
 Osmorhiza claytoni
 Osmunda cinnamomea
 ✓ Osmunda claytoniana
 Oxalis montana
 Panax quinquefolia
 Parietaria pennsylvanica
 Parthenocissus vitacea
 Pedicularis lanceolata
 Phytolacca leptostachya
 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

T42N
 R11W
 536

Additional Species:

~~Muhl. rac.~~ { Calamagrostis canadensis

~~Sagittate fern~~ { Dryopteris phegopteris

Cornus stolon

[Wet, heavily used yard]

Rumex

Frag. like Rubus dewberry

Eupatorium maculatum

~~Harry Corp.~~

Rhamnus

~~Small sag. broadleaf~~

Ilex

Caltha palustris

Scut?

Aster puniceus

Ilex verticillata

Polygonum sagittatum

? Hemipentstemon

Prunella vulgaris

Carex trisperma

Campanula aparinoides