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Site 3605: Douglas County, Township 45N, Range 13W, Section 12. 1953-07-26

[s.l.]: [s.n.], 1953-07-26

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Yard

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3605

Name:

County:

Date:

Size of Stand:

Forest Type:

Topography:

Locality:

T: 45N

R: 13W

Sec: 12

Observers:

Size of Area Sampled:

Soil Type:

Slope:

Directions

Condition of Stand:

No recent cutting. Some old, rotten, burned white pine (P) stumps. Tip-ups common in low spots. a heavily used yard all balsam highlines. Conifers used moderately. Maples extremely.

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.

A₀

A₁

A₂

B

DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A₀

A₁

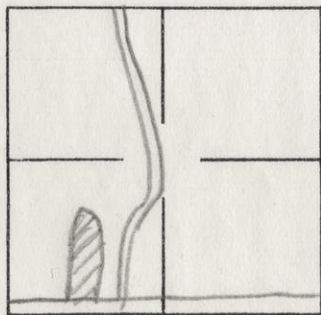
A₂

B

Parent Material:

X = browse presence

Map:



Northern Pine-Hardwoods

Station Number: 3605

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	10	15	14	1		472	43	27.22	5	25.0	11.63	9.38	5.96	26.97	80.91 121.36
Acer rubru	11	17	17			595	49	31.01	35	27.5	12.79	10.63	7.51	30.93	216.51 185.58
A. sacchar	5	7	5	2		662	13	8.23	5	12.5	5.81	7.38	8.35	18.54	185.40 185.40
A. spicatu									30						
Betula lut	1	1	1			55	2	1.27		2.5	1.16	0.63	0.69	2.48	16.12 18.60
B. papyrif	3	6	6			230			5	7.5	3.49	3.75	2.90	10.14	45.63 50.70
Carpinus c															
Fagus gran															
Ostrya vir							1	0.63							
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus	8	13	6	7		1320				20.0	9.30	8.13	16.66	34.09	102.27 136.36
Populus ba															
P. grandid															
P. tremulo	32	80	74	6		3555	5	3.16		80.0	37.21	50.00	44.86	132.07	462.24 462.24
Prunus pen															
Quercus el															
Q. rubra	1	1	1			187				2.5	1.16	0.63	2.36	4.15	35.28 29.05
Tilia amer							1	0.63							
Thuja occidentalis Tsuga cana									15						
Sorbus aucuparia Thuja occidentalis									5						
Ulmus amer	3	3	2	1		221	2	1.27	5	7.5	3.49	1.88	2.79	8.16	40.80 44.88
Amelanchier U. fulva							2	1.27							
Frag. nig	6	9	7	2		417	9	5.70		15.0	6.98	5.63	5.26	17.87	80.42 89.35
Picea mar	6	8	8			211	5	3.16		15.0	6.98	5.00	2.66	14.64	21.96 29.28
Alnus rug							26	16.46							
	86	160	141	19		7925	158	100.01			100	100.04	100	300.04	1287.54 1352.80

AVE. DIST. BTW'N TREES:

AVE B. A.:

TREES/ACRE:

DOM./ACRE:

49.53

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3605

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Abies balsam</i>	15			15	35		2	4		
<i>Acer rubrum</i>	3						2			
<i>A. sacchar.</i>										
<i>A. spicatum</i>										
<i>Betula lut.</i>										
<i>B. papyrif</i>										
<i>Carpinus car</i>										
<i>Fagus gran</i>										
<i>Ostrya virg</i>										
<i>Picea glau</i>										
<i>Pinus Bank</i>										
<i>P. resinosa</i>										
<i>P. Strobus</i>			50							
<i>Populus bals</i>										
<i>P. grand</i>										
<i>P. trem</i>	{ 25 35 28	{ 22 21 45 55	45	40 65	20	{ 13 35 30	{ 30 27 25 35	40	{ 40 27 23 45	{ 65 40 30 27
<i>Prunus pen.</i>										
<i>Quercus ell</i>										
<i>Q. rubra</i>										
<i>Tilia amer</i>										
<i>Tsuga can</i>										
<i>Thuja occ</i>										
<i>Ulmus amer</i>										
<i>U. fulva</i>										
<i>Corylus com</i>		X	X	X	X			X		
<i>Var. can</i>	X							X		
<i>Alnus inc</i>		X								
<i>Hamamelis</i>			X							
Distance										

37

over

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3605

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		12	2					25 14	4	
Acer rubrum	X	X 26	X 3	X 2	16	3 28	X 1	25	19	22 X 17 1
A. sacchar.					X 1	40 21		X 3	X	2
A. spicatum			X	X	X	19 X	X	X		X
Betula lut.									55	
B. papyrif			35		24 30					
Carpinus car										
Fagus gran										
Ostrya virg								1		
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	50	75 20 27	40 30	75 X 40 105 80		55 90	18 80 24 12	35	45 24	50 75 65
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Frax nig		45 50 13		2	15					I
Alnus nig		4	2	X	X	3		X	X	X
Corylus com			X	X	X	X		X	X	X
Distance										

32

over

Distance	1	2	3	4	5	6	7	8	9	10
<i>Pinus mon</i>		1	x							
<i>Blackberry</i>				x						
<i>Salix</i>				x	x		x			
<i>Dracopis</i>									x	
<i>Amelanchier</i>										x
<i>Cornus alt</i>										
Station No.	1	2	3	4	5	6	7	8	9	10

POINT RECORD 1862

NORTHERN PINE-HARDWOODS

Stand No.

Data Form No. 18

Plant Ecology Research

Division of Forestry

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3605

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam	X				(27)			3		105 35
Acer rubrum	(26) (20) (15) (16) (10)	X 2			(40) (21)	2	19	4	(35) (15)	X 26 3 15
A. sacchar.		230	45 55	75 150	(25) (35)				30	X 1
A. spicatum				X	(17)	X	X	X		X
Betula lut.										2
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus									180	
Populus bals										
P. grand										
P. trem	60 35	X			(575) (60) (65)	(110) (35) (95) (50)	(65) (27) (30)		65 45	
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer		1								
Tsuga can										
Thuja occ										
Ulmus amer		145	55	21	1					
U. fulva										
Corylus com	X	X	X	X	X	X	X	X	X	X
over	X		X							
Frax nigra		100 75	90	14	3					
Distance flex			X							

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3605

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	22	29	45	2	X	X		X	21	X
Acer rubrum	16	X	X	X	X	X		X	X	X
A. sacchar.										
A. spicatum		X				X				X
Betula lut.		X								
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus			75	{140 100 155}		200	35 90	80		{75 110 130}
Populus bals										
P. grand										
P. trem	22 50	19	160	X	{28 95 15 40}	{23 35 1 28}	{20 23 21}		30 26	2 45
Prunus pen.										
Quercus ell										
Q. rubra	{35 40 22 30 60}									
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus con		X				X			X	
Alnus rug		X					X			
Nac. can			X				X			
Distance		X					X			X

over

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3605
Quadrat No. 1-5

Act. rubrum 5
Act. spicatum 5
 Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 5
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus 35
 Aster sagittifolius
 Athyrium angustum 13
 Botrychium virginianum
 Brachyelytrum erectum 5
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 235
 Cornus rugosa
 Corylus americana
 Corylus cornuta 235
 Cypripedium acaule
 Diervilla lonicera 35
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa 2
 Epifagus virginiana
 Epigaea repens

Fragaria virginiana
 Galium lanceolatum
 Galium triflorum
 Gaultheria procumbens 3
 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
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum 1
 Lysimachia quadrifolia
 Maianthemum canadense 135
 Mitchella repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia 3
 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.
 Rubus parviflorus
 Rubus (blackberry) 2
 Rubus (dewberry)
 Sambucus pubens
 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 *incognita* 5
 Viola pallens
 Viola pubescens
 Waldsteinia fragarioides

✓ Calamagrostis can 1245
 ✓ Vac. can 135
 ✓ Lycopodium am 1245
 ✓ Lysimachia chrys 24
 ✓ Teo thumb 2
 ✓ Menopanthus 2

Smilacina
 angustifolia narrow elliptical monost 4
 ✓ Osmunda cinn 4
 Carex narrow 5

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3605
Quadrat No. 6-10

Thymus sp. 3
Geum sp. 34
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 345
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 245
Aster sagittifolius 2
Athyrium angustum 1
Botrychium virginianum
Brachyelytrum erectum 24
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
Corylus cornuta 235
Cypripedium acaule
Diervilla lonicera 234
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa 1
Epifagus virginiana
Epigaea repens
Aster praeceus 1
Lycopodium am 1
Vacc. can. 14
Carex trisperma 1
Lactuca can.
Carex broad 2

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
Lycopodium complanatum
Lycopodium lucidulum 5
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 25
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 234-5
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 4

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

HERB FREQUENCY

acer sacch. 1
Prunus vir. 12
 ✓ Actaea pachypoda
 Actaea rubra
 Adiantum pedatum
 Allium tricoccum
 Anemone quinquefolia
 Aquilegia canadensis
 Aralia nudicaulis 125
 Aralia racemosa
 Arisaema atrorubens
 Aster macrophyllus 14
 Aster sagittifolius
 Athyrium angustum
 Botrychium virginianum
 Brachyelytrum erectum 2
 Carex albursina
 Caulophyllum thalictroides
 Chimaphila umbellata
 Circaea alpina
 Circaea latifolia
 Clintonia borealis 1
 Coptis trifolia
 Corallorrhiza maculata
 Cornus alternifolia
 Cornus canadensis 145
 Cornus rugosa
 Corylus americana
 Corylus cornuta 345
 Cypripedium acaule
 Diervilla lonicera 1345
 Dirca palustris
 Dryopteris linnaeana
 Dryopteris phegopteris
 Dryopteris spinulosa
 Epifagus virginiana
 Epigaea repens
 Carex (10) 1
 Carex narrow 1
 ✓ Asarum 1
 Carex intum 13
 Carex broad 2
 Ilex 2

NORTHERN PINE-HARDWOODS

✓ *acer sp.* 135
 ✓ *Prunus am.* 2
 Fragaria virginiana
 Galium lanceolatum
 Galium triflorum
 Gaultheria procumbens 5
 Gaylussacia baccata
 Geranium maculatum
 Geum canadense
 Gnaphalium obtusifolium
 Helianthemum sp.
 Helianthus strumosus
 Hepatica acutiloba
 Hepatica americana 1
 Impatiens biflora
 Linnaea borealis
 Lonicera oblongifolia
 Lupinus perennis
 Lycopodium annotinum
 Lycopodium complanatum
 Lycopodium lucidulum
 Lycopodium obscurum 3
 Lysimachia quadrifolia
 Maianthemum canadense 345
 Mitchella repens
 Mitella diphylla
 Mitella nuda
 Monotropa uniflora
 Myrica asplenifolia
 Onoclea sensibilis
 Oryzopsis asperifolia 1245
 Osmorhiza claytoni
 Oxalis montana
 Phryma leptostachya
 Polygala pauciflora
 Polygonatum commutatum
 Polygonatum pubescens 35
 ✓ *var. can.* 5

Stand No. 3605
 Quadrat No. 11-15

✓ *acer rubrum* 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)
 Sambucus pubens
 Sanguinaria canadensis 2
 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 2
 Waldsteinia fragarioides

HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3605
Quadrat No. 16-20

Actaea rubra 1234
Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 1
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 13
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum 2
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 25
Coptis trifolia 14
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis 1345
Cornus rugosa
Corylus americana
Corylus cornuta 5
Cypripedium acaule
Diervilla lonicera 35
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
Vac. can 123
Carex trisperma 2
Calamagrostis can 23
Lycopus am 34
Carex broad 3

Bot. rep. 2
Abies 4
Fragaria virginiana 3
Galium lanceolatum
Galium triflorum 1
Gaultheria procumbens 4
Gaylussacia baccata
Geranium maculatum
Geum canadense
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 12345
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 135
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.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry)
Sambucus pubens 4
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus 1
Taxus canadensis
Thalictrum dioicum
Trientalis borealis 2
Trillium grandiflorum
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens 5
Waldsteinia fragarioides

Nemophanthus 4
Calla palustris 4

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3605

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>	✓										✓							✓		✓		3	
<i>Comandra richardsoniana</i>																							
<i>Comptonia peregrina</i>																							
<i>Convolvulus spithameus</i>																							
<i>Coptis groenlandica</i>	✓																✓			✓		2	
<i>Corallorhiza maculata</i>																							
<i>Corallorhiza striata</i>																							
<i>Corallorhiza trifida</i>																							
<i>Coreopsis palmata</i>																							
<i>Cornus alternifolia</i>	✓																						
<i>Cornus canadensis</i>	✓		✓	✓	✓					✓	✓	✓			✓	✓	✓		✓	✓	✓	12	
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis sp.</i>																							
<i>Corylus americana</i>																							
<i>Corylus cornuta</i>	✓		✓	✓	✓			✓	✓	✓	✓			✓	✓	✓				✓		10	
<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>	✓		✓		✓			✓	✓	✓	✓	✓		✓	✓	✓			✓		✓	11	
<i>Dirca palustris</i>																							
<i>Dryopteris boottii</i>																							
<i>Dryopteris cristata</i>																							
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>	✓																						
<i>Dryopteris phegopteris</i>	✓																						
<i>Dryopteris spinulosa</i>	✓		✓			✓																2	
<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>	✓																		✓			1	

Stand No. 3605

[illegible]

Data Form No. 23
TABULATION FORM

Plant Ecology Research
NORTHERN PINE-HARDWOODS

Univ. of Wisconsin
Stand No. 3605

[illegible]

NORTHERN PINE-HARDWOODS

[illegible]

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3605

[illegible]

STAND NO. 3605

[illegible]

STAND NO. 3605

[illegible]

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3605

~~Abies balsamea~~
~~Acer rubrum~~
~~Acer saccharum~~
~~Acer spicatum~~
 Amelanchier sp.
~~Betula lutea~~
 Betula papyrifera
 Caprinus caroliniana
 Carya cordiformis
 Crataegus sp.
 Fagus grandiflora
 Fraxinus americana
 Fraxinus nigra

Fraxinus pennsylvanica
 Juglans cinerea
 Larix laricina
 Ostrya virginiana
~~Picea glauca seedlings~~
 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 seedling~~
 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 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
 Lycopodium americanus
 Lycopodium uniflora
 Lysimachia quadrifolia
 Maianthemum canadense

Melampyrum lineare	Pyrola elliptica	Smilax herbacea
Mitchella repens	Pyrola rotundifolia	Smilax hispida
Mitella diphylla	Pyrola secunda	Solidago latifolia
Mitella nuda	Ranunculus abortivus	Solidago ulmifolia
Monarda fistulosa	Ranunculus recurvatus	Streptopus amplexifolius
Moneses uniflora	Ranunculus septentrionalis	Streptopus roseus
Monotropa uniflora	Rhus radicans	Taxus canadensis
Myrica asplenifolia	Rhus typhina	Thalictrum dioicum
✓ Onoclea sensibilis	Ribes americanum	Tiarella cordifolia
✓ Oryzopsis asperifolia	Ribes cynosbati	✓ Trientalis borealis
✓ Osmorhiza claytoni	✓ Ribes lacustre	✓ Trillium cernuum
✓ Osmunda cinnamomea	Ribes triste	Trillium grandiflorum
✓ Osmunda claytoniana	Rubus idaeus	Uvularia grandiflora
Oxalis montana	Rubus parviflorus	Uvularia sessilifolia
Panax quinquefolia	Rubus hispidus	Vaccinium angustifolium
Parietaria pennsylvanica	✓ Rubus - blackberry	Vaccinium pennsylvanicum
Parthenocissus vitacea	Rubus - dewberry	Viburnum acerifolium
Pedicularis lanceolata	✓ Rubus - raspberry	Viburnum affine
Phytolacca leptostachya	✓ Sambucus canadensis	Viburnum lentago
Podophyllum peltatum	Sambucus pubens	Viola canadensis
Polemonium reptans	✓ Sanguinaria canadensis	Viola cucullata
Polygala pauciflora	Sanicula gregaria	✓ Viola incognita
Polygonatum commutatum	Schizachne purpurascens	Viola pallens
✓ Polygonatum pubescens	Scutellaria lateriflora	✓ Viola pubescens
Potentilla simplex	Shepherdia canadensis	Vitis aestivalis
✓ Prenanthes alba	Smilacina racemosa	Vitis riparia
✓ Pteretis nodulosa	Smilacina stellata	Waldsteinia fragarioides
✓ Pteridium aquilinum	Smilax ecirrhata	Zanthoxylum americanum

Additional Species:

Smilax
Ribes hudsonianum
Aster pumilus
Carex intumescens
Carex trisperma
Slycena striata
Agrastis perennans
Slycena canadensis
Thistle Cirsium muticum
del. l. l. l.
Scut. epilobifolia