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Site 3602: Burnett County, Township 39N, Range 19W, Section 2; Township 40N, Range 19W, Section 35. 1953-07-24

[s.l.]: [s.n.], 1953-07-24

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Yard

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

STAND RECORD | FORESTS | Stand No. 3602

Name:
County: Burnett
Date: 7-24-53
Size of Stand:
Forest Type:
Topography: sloping, rolling, with springs essentially upland.

Locality: T 39N R19W 2
T: 40N R: 19W Sec: 35
Observers: Christensen
Size of Area Sampled:
Soil Type:
Slope: Directions

Condition of Stand:
Excellent condition. No cutting. No stumps. Deer usage heavy along middle of slope. All balsams highlined. Acer speciatum appears moderately used. Yard slopes to St. Croix River. Above slope is a Jack Pine - Black oak area also part of the yard.

Open Grown Trees: % Canopy:

Stumps:

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

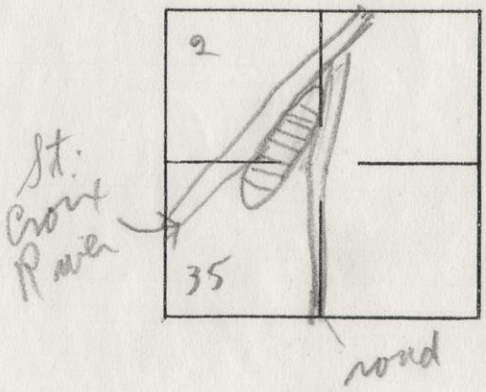
Soil Data:

	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:

Map:



The area sampled had springs intermittently, especially in Nos. 20-40. The black oak apparently seeds in from adjacent stands. The Fraxinus species were difficult to separate on either bark or leaves.

X = browse presence

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

Yard

TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3602

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	Upland C. I.	
Abies bals	9	12	12			243	35	25.18	10	22.5	8.57	7.50	2.23	18.30	128.10	82.35
Acer rubru	13	21	21			745	31	29.30	20	32.5	12.38	13.13	6.83	32.34	194.04	194.04
A. sacchar	2	3	3			86	3	2.16		5.0	1.90	1.88	0.79	4.57	45.70	45.70
A. spicatu							5	3.60	40							
Betula lut	10	18	5	13		2853	4	2.88		25.0	9.52	11.25	26.17	46.94	375.52	352.05
B. papyrif	11	14	12	2		1252				27.5	10.48	8.75	11.48	30.71	153.55	153.55
Carpinus c							1	0.72								
Fagus gran																
Ostrya vir	1	1	1			12	21	15.11	5	2.5	0.95	0.63	0.11	1.69	15.21	16.05
Picea glau	1	1	1			20				2.5	0.95	0.63	0.18	1.76	10.56	7.04
Pinus Bank	3	3	2	1		197	1	0.72		7.5	2.86	1.88	1.81	6.55	6.55	19.65
P. resinos	1	1		1		154				2.5	0.95	0.63	1.41	2.99	8.97	10.46
P. Strobus																
Populus ba																
P. grandid	4	6	1	5		831				10.0	3.81	3.75	7.62	15.18	30.36	75.90
P. tremulo																
Prunus pen																
Quercus el	18	32	25	7		1915	8	5.76	45	45.0	17.14	20.00	17.56	54.70	109.40	109.40
Q. rubra	2	2	1	1		239				5.0	1.90	1.25	2.19	5.34	32.04	37.38
Tilia amer	8	11	8	3		815	9	6.48	5	20.0	7.62	6.88	7.48	21.98	175.84	186.83
→ ~~Tsuga cana~~ Amelanchier							3	2.16								
→ ~~Thuja occi~~ Carya cord.							1	0.72								
Ulmus amer	4	5	4	1		312	1	0.72	10	10.0	3.81	3.13	2.86	9.80	78.40	53.90
~~U. fulva~~ Prunus vir.							1	0.72								
Fraxinus	9	17	15	2		796	9	6.48	50	22.5	8.57	10.63	7.30	26.50	212.00	185.50
Quercus alba	4	5	5			144	1	0.72		10.0	3.81	3.13	1.32	8.26	33.04	33.04
Fraxinus	5	8	8			289	5	3.60		12.5	4.76	5.00	2.65	12.41	74.40	62.05
	105	160	124	36		10,903	139	100.03			99.98	100.05	99.99	300.02	1683.68	1624.89

check

check

AVE. DIST. BTW'N TREES: 8.3 | AVE B. A.: 68.1 | # TREES/ACRE: 631 | DOM./ACRE: 42,971

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

POINT RECORD TREES | NORTHERN PINE-HARDWOODS | Stand No. 3602

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

over

	1	2	3	4	5	6	7	8	9	10
Amelanchier				X		X	X	X		X
Blackberry						X	X			
Vac. can						X				X
Corylus alt							X			

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

POINT RECORD TREES | NORTHERN PINE-HARDWOODS | Stand No. 3602

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	2	4 1	3	2						
Acer rubrum	5 X 2	X 1		X	3	7 4 5	4 1	2		
A. sacchar.										
A. spicatum		X			X				X 4	X
Betula lut.									13 14	20 12 8
B. papyrif				7 8 6	10 3 X	10 10	12 7		14 8	
Carpinus car					9 7 6 5 4					
Fagus gran										
Ostrya virg	X	2				3	X 3			
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand			15				10 14	12 14	14	
P. trem										
Prunus pen.										
Quercus ell	12 14 14	10 5	7 7		7 4 1	14		9 6		
Q. rubra										
Tilia amer				4 4 2		1				
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus am	X	X	X		X			X		
Quercus alba		7	5							
Amelanchier		X	1			X	X	2		
Prunus vir		X		X			X	X		
Distance										

	1	2	3	4	5	6	7	8	9	10
Diervilla	X									
Lon car	X	X			X			X		
Cornus alt			X	X		X				
Fraxam			X	X						9 4
Vib lentago				X						
Cornus femina										
Diervilla							X			
Rosa								X		

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POINT RECORD TREES | NORTHERN PINE-HARDWOODS | Stand No. 3608

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	1	6 2								X 1
Acer rubrum	1	1						5 X	2	5 5 3
A. sacchar.										X
A. spicatum	X	X	X	X 1	X	X	X	X	X	
Betula lut.			16 5		14 11		18 16	14 10	9	
B. papyrif										
Carpinus car		X								
Fagus gran										
Ostrya virg	1	X		1				X	X	X
Picea glau									5	
Pinus Bank									11	
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.	11 8									
Quercus ell				16				7 X		5 9 5 13
Q. rubra	13 8								16	
Tilia amer	8 9	13 1	5 1				9 1			
Tsuga can										
Thuja occ										
Ulmus amer	13	9								
U. fulva										
Fraxinus nigra	X 1	6 X	8 X 3	6 6 4	9 6	8				
Prunus vir										
Corylus cornuta		X						X		X
Distance										

Distance	1	2	3	4	5	6	7	8	9	10
Fraxam					2	7, 9, 6	1 13	6		
Lon. can									X	X
Quercus alb.										
Q. rubra										
Tilia amer.										
Tilia cord.										
Ulmus amer.										
Acer saccharum										
A. saccharin.										
A. rubrum										
Betula lut.										
B. papyrif.										
Carpinus car.										
Fagus grand.										
Ostrya virg.										
Picea glau.										
Pinus banks.										
P. resinosa										
P. strobus										
Populus grand.										
P. tremu.										
Fraxinus pen.										
Quercus ell.										
Q. macro.										
Tilia amer.										
Tilia cord.										
Ulmus amer.										
STATION NO.	1	2	3	4	5	6	7	8	9	10

POINT RECORD TREES — NORTHERN PINE-HARDWOODS — SERAL NO.

DATA FORM NO. 18 — Pinus Ecology Research — Univ. of Wisconsin

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

POINT RECORD TREES | NORTHERN PINE-HARDWOODS | Stand No. 3602

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam		1	X/2		2	2		5	(2) 1	5 5 6 X
Acer rubrum	1				4	4			4 3	(5 X 1
A. sacchar.						7 5 X/2	6		6	
A. spicatum			X	X	X			X		X
Betula lut.						(10/7)	22/4 3	14		
B. papyrif				11						
Carpinus car			1							
Fagus gran										
Ostrya virg	X/2	1		1	1					
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell	7		X							10 X 1
Q. rubra									7	
Tilia amer	7 1	8	(8/5) 1							
Tsuga can										
Thuja occ										
Ulmus amer		50 8 7	X/1 4							
U. fulva										
Corylus am			X						X	X
Prunus sp	X								X	
Quercus alba	7/5	6						1		
Fraxinus nigra		1								
Distance										

Distance	1	2	3	4	5	6	7	8	9	10
Ribes lac			4							
Crataegus			4							
Frax am			7, 6	7, 8, 7	1 7, 5, 7		12	1 6, 4		
Comm alt								4	4	
Diervilla										4
Carya cord										1
STATION NO.	1	2	3	4	5	6	7	8	9	10

POINT RECORD TREES — NORTHERN PINE-HARDWOODS — STAND NO. 3203

DATA FORM NO. 13 — Final Ecology Research — Univ. of Wisconsin

Data Form No. 18 | Plant Ecology Research | Univ. of Wisconsin

HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 3602
Quadrat No. 1-5

✓Quercus ell 15
✓Acer spicatum 3
✓Acer rubrum 45
✓abies 4
✓Frax am 5
✓Tilia 5

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 135
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 124
Aster sagittifolius
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata 5
Circaea alpina
Circaea latifolia
Clintonia borealis
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia 1
Cornus canadensis
Cornus rugosa
Corylus americana 1235
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
Carex nanow 245
✓Osmunda cinn 3
✓Vac can 45
✓Calamagrostis can 5

Fragaria virginiana
Galium lanceolatum 5
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum 12
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba 2
Hepatica americana
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 34
Mitchella repens
Mitella diphylla
Mitella nuda
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni 12
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 3

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 12
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry) 4
Rubus (dewberry) 1
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa 4
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus 3
Taxus canadensis
Thalictrum dioicum 24
Trientalis borealis 1
Trillium grandiflorum
Uvularia grandiflora cernuum 3
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Data Form No. 18 | Plant Ecology Research | Univ. of Wisconsin

HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 3602
Quadrat No. 6-10

Quercus ell 123 | Abies 2
Frax am 1235 | Acer rubrum 25 | Acer spic 3

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 3
Aralia racemosa 5
Arisaema atrorubens
Aster macrophyllus 1234
Aster sagittifolius
Athyrium angustum 2
Botrychium virginianum
Brachyelytrum erectum
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina
Circaea latifolia
Clintonia borealis 1
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia 12
Cornus canadensis
Cornus rugosa
Corylus americana 13
Corylus cornuta
Cypripedium acaule
Diervilla lonicera 14
Dirca palustris
Dryopteris linnaeana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
✓ Cornus florida 3
✓ Thor. can 3
Amelanchier 4
✓ Equisetum 4
✓ Osmunda cinn 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 14
Impatiens biflora
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense
Mitchella repens
Mitella diphylla
Mitella nuda 5
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 25
✓ Skunk cabbage 5

Potentilla simplex
Ulmus am 5
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda
Ranunculus recurvatus
Rhus radicans 2
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry) 2
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus 25
Taxus canadensis
Thalictrum dioicum
Trientalis borealis
Trillium grandiflorum
" cernuum 5
Uvularia grandiflora
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens
Viola pubescens
Waldsteinia fragarioides

Data Form No. 18 | Plant Ecology Research | Univ. of Wisconsin

HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 3602
Quadrat No. 11-15

~~Acer spicatum~~ 1234 ~~5~~ ~~Fraxinus am~~ 234
Ulmus am 2 ~~Quercus ell.~~ 35 ~~Osmunda~~ 5

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 1
Aralia racemosa
Arisaema atrorubens 13
Aster macrophyllus 15
Aster sagittifolius
Athyrium angustum 134
Botrychium virginianum
Brachyelytrum erectum 1
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina 23
Circaea latifolia
Clintonia borealis 35
Coptis trifolia 5
Corallorrhiza maculata
Cornus alternifolia
Cornus canadensis
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana 34
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Fragaria virginiana
Galium lanceolatum
Galium triflorum 14
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana 5
Impatiens biflora 2
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis 5 " can
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 25
Mitchella repens
Mitella diphylla 134
Mitella nuda 2
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 13
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) 234
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus 35
Taxus canadensis
Thalictrum dioicum 15
Trientalis borealis 35
Trillium grandiflorum
Uvularia grandiflora 1 " cernuum 4
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens 34 " incognita
Viola pubescens
Waldsteinia fragarioides

asarum 1
Skunk cabbage
Violet 2 incognita
Carex broad 4
~~Grass~~, broad 4 Anna
Solidago flexicaulis 1

Data Form No. 18 | Plant Ecology Research | Univ. of Wisconsin

HERB FREQUENCY | NORTHERN PINE-HARDWOODS | Stand No. 3602
Quadrat No. 16-20

✓ Fraxam 13
✓ Quercus ell. 1 ⟷ ✓ Quercus ell. 3 ✓ acer spic 3

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Allium tricoccum
Anemone quinquefolia
Aquilegia canadensis
Aralia nudicaulis 4
Aralia racemosa
Arisaema atrorubens
Aster macrophyllus 135
~~Aster sagittifolius 2~~
Athyrium angustum
Botrychium virginianum
Brachyelytrum erectum 24
Carex albursina
Caulophyllum thalictroides
Chimaphila umbellata
Circaea alpina 34
Circaea latifolia
Clintonia borealis +
Coptis trifolia
Corallorrhiza maculata
Cornus alternifolia 34
Cornus canadensis
Cornus rugosa
Corylus americana
Corylus cornuta
Cypripedium acaule
Diervilla lonicera
Dirca palustris
Dryopteris linnaeana +
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens

Fragaria virginiana
Galium lanceolatum
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum 2
Geum canadense
Gnaphalium obtusifolium
Helianthemum sp.
Helianthus strumosus
Hepatica acutiloba
Hepatica americana 1
Impatiens biflora 5
Linnaea borealis
Lonicera oblongifolia
Lupinus perennis
Lycopodium annotinum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lysimachia quadrifolia
Maianthemum canadense 4
Mitchella repens
Mitella diphylla 23
Mitella nuda 3
Monotropa uniflora
Myrica asplenifolia
Onoclea sensibilis
Oryzopsis asperifolia 12
Osmorhiza claytoni
Oxalis montana
Phryma leptostachya
Polygala pauciflora
Polygonatum commutatum
Polygonatum pubescens 14

Potentilla simplex
Prenanthes alba
Pteridium aquilinum
Pyrola elliptica
Pyrola rotundifolia
Pyrola secunda 1
Ranunculus recurvatus
Rhus radicans
Ribes americanum
Rosa sp.
Rubus parviflorus
Rubus (blackberry)
Rubus (dewberry)
Sambucus pubens
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Solidago ulmifolia
Streptopus roseus +
Taxus canadensis
Thalictrum dioicum 24
Trientalis borealis 4
Trillium grandiflorum
Uvularia grandiflora 1
Uvularia sessilifolia
Vaccinium angustifolium
Vaccinium pennsylvanicum
Viburnum acerifolium
Viola canadensis
Viola cucullata
Viola pallens / ✓ Viola incognita 123
Viola pubescens
Waldsteinia fragarioides

✓ Vib affine 1
✓ Lathyrus 1
✓ Desmodium 12
✓ Parthenocissus 2
✓ Hydrophyllum 2
✓ Amphicarpa 2

✓ Carex trisperma 2
Grass 3
✓ skunk cabbage 35
✓ Carex brood 3
Cattha palustris 3
✓ Cornustum 5

Carex intum 45
✓ Solidago flexicaulis 2

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TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3602

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	✓																	✓				1	
Anemone canadensis																							
Anemone cylindrica																							
Anemone quinquefolia	✓																						
Antennaria sp.																							
Apocynum androsaemifoliu	✓																						
Apocynum cannabinum																							
Aquilegia canadensis																							
Aralia hispida																							
Aralia nudicaulis	✓	✓		✓		✓			✓			✓								✓		6	
Aralia racemosa	✓										✓											1	
Arctostaphylos uva-ursi																							
Arisaema atrorubens	✓											✓		✓								2	
Asarum canadense	✓											✓										1	
Asclepias exaltata																							
Aster cordifolius																							
Aster lateriflorus																							
Aster macrophyllus	✓	✓	✓		✓		✓	✓	✓	✓		✓		✓			✓		✓		✓	12	
Aster prenanthoides																							
Aster sagittifolius																							
Aster shortii																							
Aster umbellatus	✓																						
Athyrium filix-femina	✓							✓				✓		✓	✓							4	
Athyrium thelypteroides																							
Boehmeria cylindrica																							
Botrychium lanceolatum																							
Botrychium matricariaefol																							
Botrychium virginianum																							
Brachyelytrum erectum	✓											✓						✓		✓		3	
Bromus purgans																							
Campanula americana																							
Campanula rotundifolia																							
Cardamine pensylvanica																							
Carex albursina																							
Carex pensylvanica																							
Carex plantaginea																							
Caulophyllum thalictroid																							
Ceanothus ovatus																							
Celastrus scandens																							
Chimaphilia umbellata	✓					✓																1	
Cicuta maculata																							
Circaea alpina	✓												✓	✓					✓	✓		4	
Circaea quadrisulcata																							

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TABULATION FORM — NORTHERN PINE-HARDWOODS — Stand No. 3602

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	✓						✓							✓		✓				✓		4	
Comandra richardsiana																							
Comptonia peregrina																							
Convolvulus spithameus																							
Coptis groenlandica	✓															✓						1	
Corallorhiza maculata																							
Corallorhiza striata																							
Corallorhiza trifida																							
Coreopsis palmata																							
Cornus alternifolia	✓	✓					✓	✓											✓	✓		5	
Cornus canadensis																							
Cornus foemina	✓								✓													1	
Cornus rugosa																							
Corydalis sp.																							
Corylus americana	✓	✓	✓	✓		✓	✓		✓													6	
Corylus cornuta																							
Cryptotaenia canadensis																							
Cynoglossum boreale																							
Cypripedium acaule																							
Cypripedium parviflorum																							
Cypripedium pubescens																							
Cystopteris fragillis																							
Danthonia spicata																							
Dentaria diphylla																							
Desmodium glutinosum	✓																✓	✓				2	
Desmodium nudiflorum																							
Dicentra canadensis																							
Dicentra cucullaria																							
Diervilla lonicera	✓						✓			✓												2	
Dirca palustris																							
Dryopteris boottii																							
Dryopteris cristata																							
Dryopteris goldiana																							
Dryopteris disjuncta	✓													✓	✓					✓		3	
Dryopteris phegopteris																							
Dryopteris spinulosa	✓																						
Epifagus virginiana																							
Epigaea repens																							
Equisetum arvense	✓									✓											✓	2	
Equisetum hyemale																							
Equisetum sylvaticum																							
Erigeron philadelphicum																							
Erythronium albidum																							
Erythronium americanum																							
Eupatorium rugosum																							
Festuca obtusa																							
Fragaria virginiana	✓																						

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TABULATION FORM NORTHERN PINE-HARDWOODS Stand No. 3602

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																							
Galium boreale																							
Galium circaezans																							
Galium concinnum																							
Galium lanceolatum	✓					✓																1	
Galium triflorum	✓											✓			✓							2	
Gaultheria hispidula																							
Gaylussacia baccata																							
Geranium maculatum	✓	✓	✓															✓				3	
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	✓		✓																			1	
Hepatica americana	✓						✓			✓						✓	✓					4	
Heuchera richardsonii																							
Hieracium canadense																							
Hieracium scabrum																							
Hydrophyllum virginianum	✓																	✓				1	
Hystrix patula	✓																						
Ilex verticillata	✓																						
Impatiens biflora	✓												✓								✓	2	
Impatiens pallida																							
Isopyrum biternatum																							
Krigia biflora																							
Lactuca canadensis																							
Laportea canadensis																							
Lathyrus ochroleucus	✓																✓					1	
Lathyrus venosus																							
Ledum groenlandicum																							
Lilium michiganense																							
Linnaea borealis																							
Lithospermum canescens																							
Lobelia inflata																							
Lonicera canadensis	✓								✓							✓						2	
Lonicera hirsuta																							
Lonicera oblongifolia																							
Lonicera prolifera																							
Lupinus perennis																							
Luzula acuminata																							
Luzula multiflora																							

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TABULATION FORM NORTHERN PINE-HARDWOODS Stand No. 3602

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																							
Lycopodium clavatum																							
Lycopodium complanatum																							
Lycopodium lucidulum																							
Lycopodium obscurum																							
Lycopodium tristachyum																							
Lycopus americanus	✓																						
Lycopus uniflorus																							
Lysimachia ciliata																							
Lysimachia quadrifolia																							
Maianthemum canadense	✓			✓	✓								✓			✓				✓		5	
Malaxis unifolia																							
Medeola virginiana																							
Melampyrum lineare																							
Menispermum canadense																							
Milium effusum																							
Mitchella repens																							
Mitella diphylla	✓											✓		✓	✓			✓	✓			5	
Mitella nuda	✓										✓		✓						✓			3	
Monarda fistulosa																							
Moneses uniflora																							
Monotropa hypopithys																							
Monotropa uniflora																							
Nemopanthus mucronata																							
Onoclea sensibilis	✓																						
Orchis spectabilis																							
Oryzopsis asperifolia	✓											✓		✓			✓	✓				4	
Oryzopsis racemosa																							
Osmorhiza claytoni	✓	✓	✓																			2	
Osmunda claytoniana																							
Osmunda cinnamomea	✓			✓							✓											2	
Osmunda regalis																							
Oxalis montana																							
Panax quinquefolius																							
Panax trifolius																							
Panicum latifolium																							
Parietaria pensylvanica																							
Parthenocissus inserta	✓																	✓				1	
Pedicularis lanceolata																							
Phlox divaricata																							
Phlox pilosa																							
Phyrma leptostachya																							
Pilea pumila																							
Podophyllum peltatum																							
Polemonium reptans																							
Polygala paucifolia																							
Polygonatum canaliculatu																							
Polygonatum pubescens	✓			✓				✓			✓						✓			✓		5	
Polypodium virginianum																							
Potentilla arguta																							
Potentilla simplex																							

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TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3602

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																							
Pteretis pensylvanica	✓																						
Pteridium aquilinum	✓																						
Pyrola asarifolia																							
Pyrola elliptica																							
Pyrola minor																							
Pyrola rotundifolia																							
Pyrola secunda	✓	✓	✓														✓					3	
Pyrola virens																							
Ranunculus abortivus																							
Ranunculus recurvatus																							
Ranunculus septentrional																							
Rhus radicans	✓							✓														1	
Rhus typhina																							
Ribes americanum																							
Ribes cynosbati																							
Ribes lacustre	✓																						
Ribes triste																							
Rosa sp.	✓																						
Rubus idaeus																							
Rubus parviflorus																							
Rubus hispidus																							
Rubus - blackberry	✓				✓																	1	
Rubus - dewberry	✓	✓						✓					✓	✓	✓							5	
Rubus - raspberry																							
Salix sp.	✓																						
Sambucus canadensis																							
Sambucus pubens																							
Sanguinaria canadensis																							
Sanicula gregaria																							
Sanicula marilandica	✓																						
Schizachne purpurascens																							
Scutellaria lateriflora																							
Senecio aureus																							
Shepherdia canadensis																							
Smilacina racemosa	✓				✓																	1	
Smilacina stellata																							
Smilax ecirrhata																							
Smilax herbacea																							
Smilax hispida																							
Solidago canadensis																							
Solidago flexicaulis	✓											✓						✓				2	
Solidago ulmifolia																							
Spiraea alba																							
Stellaria longifolia																							
Streptopus amplexifolius																							
Streptopus roseus	✓			✓				✓			✓			✓		✓				✓		6	
Symphoricarpos albus																							
Taxus canadensis																							
Thalictrum dioicum	✓		✓		✓							✓				✓		✓		✓		6	

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TABULATION FORM NORTHERN PINE-HARDWOODS Stand No. 3602

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	✓			✓							✓				✓							3	
Trillium grandiflorum																							
Uvularia grandiflora	✓											✓					✓					2	
Uvularia sessilifolia																							
Vaccinium angustifolium	✓				✓	✓																2	
Vaccinium myrtilloides																							
Veronicastrum virginicum																							
Viburnum acerifolium																							
Viburnum rafinesquianum	✓																✓					1	
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:																							

TABULATION FORM NORTHERN LOWLANDS STAND NO. 3602

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																							
Betula pumila																							
Bidens cernua																							
Bidens frondosa																							
Calamagrostis canadensis	✓					✓																1	
Calla palustris																							
Caltha palustris	✓																		✓			1	
Campanula aparinoides																							
Cardamine pensylvanica																							
Carex spp.	✓																						
Carex trisperma	✓																	✓				1	
Chamaedaphne calyculata																							
Chelone glabra	✓																						
Chrysosplenium americanum																							
Cicuta bulbifera																							
Cinna arundinacea	✓														✓				✓			2	
Cirsium arvense																							
Cirsium muticum																							
Clematis virginiana																							
Cornus racemosa																							
Cornus stolonifera																							
Cynoglossum boreale																							
Drosera rotundifolia																							
Dryopteus linnaeana																							
Echinocystis lobata																							
Epilobium angustifolium																							
Epilobium glandulosum																							
Epilobium leptophyllum																							

TABULATION FORM NORTHERN LOWLANDS STAND NO. 3602

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	L																						
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. 3602

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																							
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																							
Solidago uliginosa																							
Stachys polustris																							
Stellania calycantha																							
Symplocarpus foetidus	✓										✓		✓						✓		✓	4	
Taraxacum officinale																							
Trifollium repens																							
Typha latifolia																							
Urtica dioica																							
Vaccinium oxycoccus																							
Viola eriocarpa																							

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PRESENCE LIST | NORTHERN PINE-HARDWOODS | STAND NO. 3602

Abies balsamea
Acer rubrum
Acer saccharum
Acer spicatum
Amelanchier sp.
Betula lutea
Betula papyrifera
Caprinus caroliniana
Carya cordiformis
Crategeus sp.
Fagus grandiflora
Fraxinus americana
Fraxinus nigra
Fraxinus pennsylvanica
Juglans cinerea
Larix laricina
Ostrya virginiana
Picea glauca
Pinus banksiana
Pinus resinosa
Pinus strobus
Populus balsamifera
Populus grandidentata
Populus tremuloides
Prunus pennsylvanica
Prunus serotina
Prunus virginiana
Quercus alba
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Sorbus decora
Thuja occidentalis
Tilia americana
Tsuga canadensis
Ulmus americana
Ulmus fulva

HERBS AND SHRUBS

Actaea pachypoda
Actaea rubra
Adiantum pedatum
Agrimonia 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

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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:

? Var. car
Skunk cabbage
Lycopus sp.
Carex ~~trisperma~~
Ilex
Salix
Sanicula marilandica
Carex intumescens
~~Broad rosette~~ Saxifraga pensylvanica
Glyceria ~~canadensis~~ Striata
Chelone