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## Site 3587: Price County, Township 34N, Range 1E, Section 24. 1953-07-14

[s.l.]: [s.n.], 1953-07-14

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STAND RECORD

FORESTS

Stand No. 3587

Name: *Prill*  
County:  
Date: *7-14-53*  
Size of Stand:  
Forest Type:  
Topography: *Flat, Transitional between lowland and upland.*

Locality:  
T: *34N* R: *1E* Sec: *24*  
Observers: *Christensen*  
Size of Area Sampled:

Soil Type:  
Slope: Directions

Condition of Stand:

*Excellent. No evidence of cutting, although there is some broken timber. Some evidence of deer browsing on cornus alternifolia, and some rabbit damage. Surrounded by agricultural lands.*

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 <sub>0</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
A <sub>1</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
A <sub>2</sub>	_____	_____	_____	_____	_____	_____	_____	_____	_____
B	_____	_____	_____	_____	_____	_____	_____	_____	_____

DEPTH

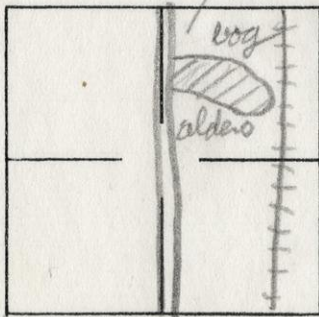
CHARACTERISTICS (Color, Texture, Structure, etc.)

A <sub>0</sub>	-----
A <sub>1</sub>	-----
A <sub>2</sub>	-----
B	-----

Parent Material:

Map:

*X = browse presence*



(13)



Plant Ecology Research  
TREE DATA SUMMARY SHEET

Northern Pine-Hardwoods

Station Number: 3587

Est.

Lowland

TREE	# PTS	# TRS	DOM. CLASSES			TOT. DOM.	# SAP	D. % SAP	F. % SDL.	F. % TRS.	% SUM F. TR.	D. % TRS.	DOM% TRS.	DFD INDEX	C. I.	
			-80	-320	321											
Abies bals	22	33	33			1113	65	42.21	15	55.0	23.91	20.63	11.48	56.02	168.06	252.09
Acer rubru	16	26	24	2		1544	57	37.01	50	40.0	17.39	16.25	15.93	49.57	346.99	297.42
A. sacchar	2	2	2			129	4	2.60		5.0	2.17	1.25	1.33	4.75	47.50	47.50
A. spicatu									15							
Betula lut	1	1	1			79				2.5	1.09	0.63	0.81	2.53	16.45	18.97
B. papyrif	9	12	8	4		1226	5	3.25		22.5	9.78	7.50	12.65	29.93	134.69	149.65
Carpinus c																
Fagus gran																
Ostrya vir																
Picea glau																
Pinus Bank																
P. resinosa																
P. Strobus																
Populus ba																
P. grandid																
P. tremulo	34	76	56	20		5257			15	85.0	36.96	47.50	54.23	138.69	485.42	485.42
→ Prunus <sup>cer</sup> pen							1	0.65								
Quercus el																
Q. rubra																
→ Memopanthus Tilia amer							2	1.30								
→ Alnus Tsuga cana							4	2.60								
→ Picea ma Thuja occi	1	1	1			13	2	1.30		2.5	1.09	0.63	0.13	1.85	27.8	3.70
→ Larix Ulmus amer	3	4	4			121	3	1.95		7.5	3.26	2.50	1.25	7.01	7.01	7.01
→ Frax nig U. fulva	2	2	2			33	3	1.95		5.0	2.17	1.25	0.34	3.76	16.92	18.80
Amelanchie									5							
Frax am	2	3	2	1		179	8	5.19	10	5.0	2.17	1.88	1.85	5.90	32.45	41.30
Prunus vir									5							
	92	160	133	27		9674	154	100.01			99.99	100.02	100	300.01	1258.27	1321.80

AVE. DIST. BTW'N TREES:

AVE B. A.:

# TREES/ACRE:

DOM./ACRE:

60.59







Distance	1	2	3	4	5	6	7	8	9	10
Ilex				X						
Alnus				1		X		X	X	
Blackberry						X				
Nemopanthes						X	X			
Larix						{ 4 8	8			
Val. Can								X		
Quercus								X	X	X
Picea mariana								1		
Station No.	1	2	3	4	5	6	7	8	9	10

POINT RECORD SHEET

GOODMAN-PINE-HARDWOODS

STATION NO. 3282



POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3589

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	7 5/3	8	6	6 1/3		5 7/5	7 7/3	5 8/1	7	8
Acer rubrum	7		6	8 7/3		4 4/4	7 3/3	3 3/3	4	6 6/4
A. sacchar.			1	7 5/1	8		1			
A. spicatum		X								
Betula lut.										
B. papyrif	10	12		14	12 10 10					
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus <sup>trem</sup> <del>alba</del>		18 9	6		7 12	10	7 12	14 8	8 14 8	8 12
P. grand										
P. trem				X						
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus com			X		X	X	X			X
Lonicera ca	X									
Frax am		X		X						
Prunus ser.		3								
Distance		1								

over







POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3587

STATION NO.	21	2	3	4	5	6	7	8	9	10
Abies balsam	7 5 X 2	X 3	X 3	X 4	4 X 4	7 X 3	3	3	4 X 3	
Acer rubrum	7 X 7	5 8 1	(7) 7	7 6 5 4	5 6 8 6	9	(12) 1		7	1
A. sacchar.		(6) 6					10			
A. spicatum				X		X		X		
Betula lut.							10			
B. papyrif	1	(7) 7						12 8	1	
Carpinus car			(10) 8 8							
Fagus gran			10							
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	6 8				6	8 12	6	13	9 9	10
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Corylus cor	X		X	X		X				
Prunella	X									
Amelanchier	X									
Vacc. Can	X									
Distance										

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POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No.

3587

STATION NO.	31	2	3	4	5	6	7	8	9	10
Abies balsam	6	7	7	X	X				1	X
Acer rubrum	X	68		X	7	X	X	5	2	2
A. sacchar.										
A. spicatum										
Betula lut.										
B. papyrif		2					5	X		
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	{ 8 14 12	7	11 10	{ 9 6 7	10 6	{ 7 6 9 6	7 7	8 5	{ 10 10 6 8	{ 13 14 8 6
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can										
Thuja occ										
Ulmus amer										
U. fulva										
Frax am	X		X		X					
Vac. can	X			X		X	X	X		
Corylus com		X	X		X					
Diosvilla	X									
Distance										

over







HERB FREQUENCY

NORTHERN PINE-HARDWOODS

Stand No. 3589  
 Quadrat No. 1-10

- ✓ *Acer rubrum* 189
- ✓ *Abies* 8
- Actaea pachypoda*
- Actaea rubra*
- Adiantum pedatum*
- Allium tricoccum*
- Anemone quinquefolia* 3
- Aquilegia canadensis*
- Aralia nudicaulis* 1289
- Aralia racemosa*
- Arisaema atrorubens*
- Aster macrophyllus* 189(10)
- Aster sagittifolius*
- " *umbellatus* 5
- Athyrium angustum*
- Botrychium virginianum*
- Brachyelytrum erectum* 8
- Carex albursina*
- Caulophyllum thalictroides*
- Chimaphila umbellata*
- Circaea alpina*
- Circaea latifolia*
- Clintonia borealis* 25(10)
- Coptis trifolia* (10)
- Corallorrhiza maculata*
- Cornus alternifolia*
- Cornus canadensis* 578(10)
- Cornus rugosa*
- Corylus americana*
- Corylus cornuta* 1
- Cypripedium acaule*
- Diervilla lonicera* 89(10)
- Dirca palustris*
- Dryopteris linnaeana*
- Dryopteris phegopteris*
- Dryopteris spinulosa* 24(10)
- Epifagus virginiana*
- Epigaea repens*

- ✓ *Acer spicatum* (10)
- Fragaria virginiana* 8(10)
- Galium lanceolatum*
- Galium triflorum* 138(10)
- Gaultheria procumbens* 8
- Gaylussacia baccata*
- Geranium maculatum*
- Geum canadense*
- Gnaphalium obtusifolium*
- Helianthemum* sp.
- Helianthus strumosus*
- Hepatica acutiloba*
- Hepatica americana*
- Impatiens biflora* 34
- Linnaea borealis* 8
- Lonicera oblongifolia*
- Lupinus perennis*
- Lycopodium annotinum*
- Lycopodium complanatum*
- Lycopodium lucidulum*
- Lycopodium obscurum* 8
- Lysimachia quadrifolia*
- Maianthemum canadense* 2589
- Mitchella repens*
- Mitella diphylla*
- Mitella nuda*
- Monotropa uniflora*
- Myrica asplenifolia*
- Onoclea sensibilis*
- Oryzopsis asperifolia* 19(10)
- Osmorhiza claytoni*
- Oxalis montana*
- Phryma leptostachya*
- Polygala pauciflora*
- Polygonatum commutatum*
- Polygonatum pubescens*

- Potentilla simplex*
- Prenanthes alba*
- Pteridium aquilinum* 89
- Pyrola elliptica*
- Pyrola rotundifolia*
- Pyrola secunda* 1(10)
- Ranunculus recurvatus*
- Rhus radicans*
- Ribes americanum*
- " *Hudson* 45
- Rosa* sp.
- Rubus parviflorus*
- Rubus* (blackberry) 6
- Rubus* (dewberry) 13(10)
- Sambucus pubens* 3
- Sanguinaria canadensis*
- Sanicula gregaria*
- Smilacina racemosa*
- Smilacina stellata*
- Smilax ecirrhata*
- Solidago ulmifolia*
- Streptopus roseus* (10)
- Taxus canadensis*
- Thalictrum dioicum*
- Trientalis borealis* 2
- Trillium grandiflorum*
- Uvularia grandiflora*
- Uvularia sessilifolia*
- Vaccinium angustifolium*
- Vaccinium pennsylvanicum*
- Viburnum acerifolium*
- Viola canadensis*
- Viola cucullata*
- " *incognita* 12(10)
- Viola pallens*
- Viola pubescens*
- Waldsteinia fragarioides*

- Carex* (1) 4
- ✓ *Aster paniculatus*
- ✓ *Ranunculus*
- ✓ *Senecio aureus*
- ✓ *Alex* 2
- ✓ *Lycopodium americanum* 346

*Carex* (2) 8

- ✓ *Calamagrostis canadensis* 3467
- ✓ *Equisetum arvense* 45
- ✓ *Tear thumb* 45
- ✓ *Vaccinium cap.* 689
- ✓ *Memphanthus* 7
- Carex narrow* 7(10)



## HERB FREQUENCY

## NORTHERN PINE-HARDWOODS

Stand No. 3587  
Quadrat No. 11-20

<i>Amelanchier</i> 1	<i>Acer spicatum</i> 24	<i>Abies</i> 25
<i>Acer rubrum</i> 123569 (10)	<i>Frax americana</i> 4	Potentilla simplex
Actaea pachypoda	Fragaria virginiana 69	Prenanthes alba
Actaea rubra	Galium lanceolatum	Pteridium aquilinum 5
Adiantum pedatum	Galium triflorum 36	Pyrola elliptica
Allium tricoccum	Gaultheria procumbens 1 (10)	Pyrola rotundifolia
Anemone quinquefolia	Gaylussacia baccata	Pyrola secunda 49
Aquilegia canadensis	Geranium maculatum	Ranunculus recurvatus
Aralia nudicaulis 1457	Geum canadense	Rhus radicans
Aralia racemosa	Gnaphalium obtusifolium	Ribes americanum
Arisaema atrorubens	Helianthemum sp.	Rosa sp.
Aster macrophyllus 123457 (10)	Helianthus strumosus	Rubus parviflorus
Aster <i>patens</i> 69	Hepatica acutiloba	Rubus (blackberry)
Aster sagittifolius	Hepatica americana	Rubus (dewberry) 19
Athyrium angustum	Impatiens biflora	Sambucus pubens
Botrychium virginianum	Linnaea borealis	Sanguinaria canadensis 6
Brachyelytrum erectum 6	Lonicera oblongifolia	Sanicula gregaria
Carex albursina	Lupinus perennis	Smilacina racemosa
Caulophyllum thalictroides	Lycopodium annotinum 1	Smilacina stellata
Chimaphila umbellata	Lycopodium complanatum	Smilax ecirrhata
Circaea alpina	Lycopodium lucidulum	Solidago ulmifolia
Circaea latifolia	Lycopodium obscurum 1247	Streptopus roseus 4
Clintonia borealis 47 (10)	Lysimachia quadrifolia	Taxus canadensis
Coptis trifolia 1	Maianthemum canadense 125677 (10)	Thalictrum dioicum
Corallorrhiza maculata	Mitchella repens	Trientalis borealis 19
Cornus alternifolia 347	Mitella diphylla	Trillium grandiflorum
Cornus canadensis 1259 (10)	Mitella nuda	Uvularia grandiflora
Cornus rugosa	Monotropa uniflora	Uvularia sessilifolia
Corylus americana	Myrica asplenifolia	Vaccinium angustifolium
Corylus cornuta 4 (10)	Onoclea sensibilis 6	Vaccinium pennsylvanicum
Cypripedium acaule	Oryzopsis asperifolia 5	Viburnum acerifolium
Diervilla lonicera 12367	Osmorhiza claytoni	Viola canadensis 4
Dirca palustris	Oxalis montana	Viola cucullata
Dryopteris linnaeana	Phryma leptostachya	Viola <i>incognita</i> 146
Dryopteris phegopteris	Polygala pauciflora	Viola pallens
Dryopteris spinulosa 2569	Polygonatum commutatum	Viola pubescens 34
Epifagus virginiana	Polygonatum pubescens	Waldsteinia fragarioides
Epigaea repens		✓ <i>X Prunus am.</i> 4
<i>Carex</i> (8) 4		✓ <i>* Pop. trem.</i> 46 (10)
✓ <i>Vac. can.</i> 5798 (10)		✓ <i>Calamagrostis can.</i> 8
✓ <i>Prunella vulgaris</i> 6		✓ <i>Lycopus am.</i> 8
<i>Carex</i> (1) 6		
✓ <i>Ilex</i> 9		
<i>Amelanchier</i> 9		







Data Form No. 23  
 TABULATION FORM

Plant Ecology Research  
 NORTHERN PINE-HARDWOODS

Univ. of Wisconsin  
 Stand No. 3587

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>	✓		✓			✓					✓				✓		✓			✓		6	
<i>Comandra richardiana</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>	✓													✓	✓			✓				3	
<i>Cornus canadensis</i>	✓					✓		✓	✓		✓	✓	✓			✓				✓	✓	9	
<i>Cornus foemina</i>																							
<i>Cornus rugosa</i>																							
<i>Corydalis sp.</i>																							
<i>Corylus americana</i>	✓																						
<i>Corylus cornuta</i>	✓	✓													✓						✓	3	
<i>Cryptotaenia canadensis</i>																							
<i>Cynoglossum boreale</i>																							
<i>Cypripedium acaule</i>																							
<i>Cypripedium parviflorum</i>																							
<i>Cypripedium pubescens</i>																							
<i>Cystopteris fragillis</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>	✓									✓	✓	✓	✓	✓			✓	✓				8	
<i>Dirca palustris</i>																							
<i>Dryopteris bootii</i>																							
<i>Dryopteris cristata</i>	✓																						
<i>Dryopteris goldiana</i>																							
<i>Dryopteris disjuncta</i>																							
<i>Dryopteris phegopteris</i>	✓																						
<i>Dryopteris spinulosa</i>	✓		✓		✓						✓	✓				✓	✓			✓		7	
<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>	✓									✓	✓						✓			✓		4	































## PRESENCE LIST

## NORTHERN PINE-HARDWOODS

STAND NO. 3587

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 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 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  
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



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  
 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

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Additional Species:

✓ Aster punceus  
 ✓ Carex intumescens  
 ✓ Spiraea alba  
 ✓ Eupatorium maculatum  
 ✓ Calamagrostis canadensis  
 ✓ Ribes hudsonianum  
 ✓ Dryopteris cristata  
 ✓ Vaccinium can.  
 ✓ Nemophanthus  
 ✓ Iris vir.  
 ✓ Aster basal ros. Solidago uliginosa  
 ✓ Large violet basal  
 ✓ Viola pubescens canadensis  
 ✓ Bidens