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Site 3502: Laurence Town Yard, Rusk County, Township 34N, Range 4W, Section 34. 1951-07-11

[s.l.]: [s.n.], 1951-07-11

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Deerfoot

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 3502

Name: Lawrence Town Yard

Locality:

County: Rush

T: 34 N R: 4 W

Sec: 34 SE

Date: 7-11-51

Observers: Christensen and Keener

Size of Stand:

Size of Area Sampled:

Forest Type: conifer bog

Soil Type:

Topography: Flat, standing water.

Slope:

Directions

Condition of Stand:

Evidence of continued cutting. Hemlock and balsam were cut somewhat in the last 2 or 3 years as shown by the fresh slash & stumps. Herbs very dense.

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									

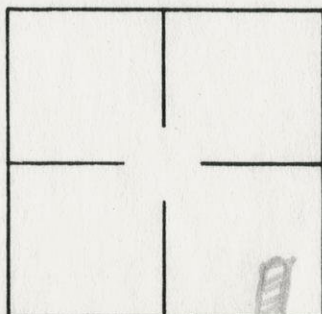
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	
A ₁	
A ₂	
B	

Parent Material:

Map:



Plant Ecology Research
TREE DATA SUMMARY SHEET

University of Wisconsin

Lawrence
Yard
(cut)

Northern Pine-Hardwoods

Station Number: 3502

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	1	1	1			12	14	14		4.0	2.86	2.00	0.39	5.25	15.75 23.62
Acer rubru	5	6	5	1		412	12	12		20.0	14.29	12.00	13.25	39.54	276.28 237.24
A. sacchar	8	11	11			372	8	8		32.0	22.86	22.00	11.97	56.83	568.30 568.30
A. spicatu															
Betula lut	3	5	2	1	2	995	4	4		12.0	8.57	10.00	32.00	50.57	328.71 379.27
B. papyrif															
Carpinus c							4	4	no data						
Fagus gran															
Ostrya vir															
Picea glau															
Pinus Bank															
P. resinosa															
P. Strobus															
Populus ba															
P. grandid															
P. tremulo	1	1	1			16				4.0	2.86	2.00	0.51	5.37	18.80 18.79
Prunus pen															
Quercus el															
Q. rubra															
Tilia amer	2	2	2			64	17	17		8.0	5.71	4.00	2.06	11.77	82.39 100.04
Tsuga cana	3	4	2	2		294				12.0	8.57	8.00	9.46	26.03	195.23 221.25
Thuja occi															
Ulmus amer	2	3	2	1		122	2	2		8.0	5.71	6.00	3.92	15.63	78.15 85.96
U. fulva															
Frax. nig	10	17	14	3		822	37	37		40.0	28.57	34.00	26.44	89.01	400.55 445.05
Alnus nig							2	2							
	35	50	40	8	2	3109	100	100			100	100	100	300	1964.66 2079.31

AVE. DIST. BTW'N TREES:

$$\frac{495.5}{25} = 19.82$$

AVE. B. A.:

62.18

TREES/ACRE:

128

DOM./ACRE:

7,959

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3502

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	1	1	2	1	1	1	2	12	2	
Acer rubrum										
A. sacchar.										
A. ^{rubrum} spicatum					16		36	2	4	120
Betula lut.	1	2			1			19	104	12
B. papyrif										
Carpinus car										
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										4
Tsuga can								35		
Thuja occ										
Ulmus amer										
U. fulva										
F. nigra	120	110	65	20	25	30				
	80	60	60	20	3	16				
Alnus						2				
Distance	9	15	20.5	15.5	10	9.5	27	29	15	33

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3502

STATION NO.	1	2	3	4	5	6	7	8	9	10
Abies balsam	1						1			2
Acer rubrum				14		2				70 2
A. sacchar.	32	31 36	25 40	75	2 15	1	16	17		
A. spicatum										
Betula lut.									460	400
B. papyrif										
Carpinus car	1			1		1				
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem	16									
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer		2	4		37 3		21 2	1		
Tsuga can										
Thuja occ						85				
Ulmus amer	1					23 1	1		14	
U. fulva										
<i>Fragaria</i>	1							13 3	4	
Distance	16	18	17	23.5	12	36	9	19.6	28	47

POINT RECORD TREES

NORTHERN PINE-HARDWOODS

Stand No. 3502

STATION NO.	21	22	23	24	25	6	7	8	9	10
Abies balsam										
Acer rubrum			205							
A. sacchar.					152					
A. spicatum										
Betula lut.										
B. papyrif										
Carpinus car					1					
Fagus gran										
Ostrya virg										
Picea glau										
Pinus Bank										
P. resinosa										
P. Strobus										
Populus bals										
P. grand										
P. trem										
Prunus pen.										
Quercus ell										
Q. rubra										
Tilia amer										
Tsuga can				40 84	135					
Thuja occ										
Ulmus amer										
U. fulva										
T. nigra	85 43	4	30	4	21	4				
Distance	7	21	16.5	17	24.5					

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3502

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3502

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

Data Form No. 23

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No.

3502

[illegible]

TABULATION FORM

NORTHERN PINE-HARDWOODS

Stand No. 3507

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

[illegible]

3507

[illegible]

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3502

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

TABULATION FORM

NORTHERN LOWLANDS

STAND NO. 3502

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																							
Cean aleppicum																							
Cean laciniatum																							
Glyceria canadensis																							
Glyceria striata																							
Habenaria clavellata																							
Helianthus tuberosa																							
Heracleum maximum																							
Fumulus 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 ciliode																							
Polygonum sagittatum																							
Potentilla norvegica																							
Potentilla palustris																							
Ranunculus acris																							
Ranunculus flabellaris																							
Ranunculus repens																							
Ranunculus sclereratus	✓																						
Rhamnus olnifolia																							
Rhus vernix																							

TABULATION FORM

NORTHERN LOWLANDS:

STAND NO. 3502

[illegible]

D-Lawrence

Date Form No. 17

Plant Ecology Research

Univ. of Wisconsin

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3502

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
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 grypsossepala
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 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 ✓ racemosa
Cornus rugosa
Corylus americana ✓
Corylus cornuta ✓
Cryptotaenia canadensis
Cypripedium acaule
Cypripedium pubescens
Cystopteris fragilis
Danthonia spicata
Dentaria diphylla
Desmodium glutinosum
Desmodium nudiflorum
Dicentra canadensis
Dicentra cucullaria
Diervilla lonicera
Dirca palustris
Dryopteris linneana
Dryopteris phegopteris
Dryopteris spinulosa
Epifagus virginiana
Epigaea repens
Equisetum arvense
Erythronium americanum
Fragaria virginiana ✓
Galium aparine
Galium boreale
Galium circaezans
Galium concinnum

Galium lanceolatum
Galium triflorum
Gaultheria procumbens
Gaylussacia baccata
Geranium maculatum
Geum canadense
Gnaphalium obtusifolium
Goodyera pubescens
Goodyera repens
Habenaria bracteata
Hamamelis virginiana
Helianthus strumosus
Hepatica acutiloba
Hepatica americana
Hieracium canadense
Hydrophyllum virginianum
Hystrix patula
Impatiens biflora
Lactuca canadensis
Laportea canadensis
Lappula virginica
Lathyrus ochroleucus
Ledum groenlandicum
Linnaea borealis
Lonicera canadensis
Lonicera hirsuta
Lonicera oblongifolia
Lonicera prolifera
Luzula multiflora
Lycopodium annotinum
Lycopodium clavatum
Lycopodium complanatum
Lycopodium lucidulum
Lycopodium obscurum
Lycopodium tristachyum
Lycopus americanus
Lycopus uniflora
Lysimachia quadrifolia
Maianthemum canadense

Data Form No. 17 (P.2)

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:

Hemipentstemon mucronata
Spiraea alba

PRESENCE LIST

NORTHERN PINE-HARDWOODS

STAND NO. 3502

- ✓ *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* (Solidago?)
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	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	7 ✓ 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:

Medium to heavy usage last year. Considerable cutting of balsam especially last winter. Slash on the ground. All evergreens highlined. Broadleaves grazed last winter. Much young black(?) ash coming in as well young hick.