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Site 4014: Ridott, Illinois, Stephenson County. 1953-07-23

[s.l.]: [s.n.], 1953-07-23

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STAND RECORD

FORESTS

Stand No. 4014

Name: Ridott, Illinois

Locality:

County: Stephenson

T:

R:

Sec:

Date: July 23, 1953

Observers:

2mi

east of Ridott

Size of Stand:

Ware, Bray

Size of Area Sampled:

Forest Type: Flood plain hardwood

Soil Type:

Topography: old sloughs + low ridges

Slope:

Directions

Condition of Stand:

Good! Part of woods which was sampled showed no sign of recent cutting. Evidences of old cutting, however. Several fallen trees. Laportea waist high over much of woods!

Open Grown Trees:

95% 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	_____	_____	_____	_____	_____	_____	_____	_____	_____

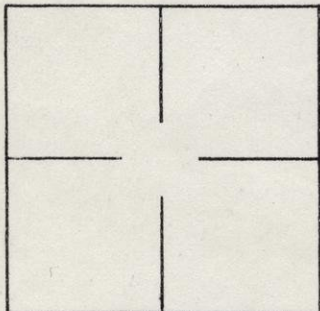
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	1/2"	Laportea stems, decaying leaves — snail activity. high
A ₁	4-8"	very black clay to silt
A ₂	2-6"	changes to a clay-like soil with a lighter color
B	_____	_____

Parent Material:

Map:



STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
A. saccharum	20	1 40 3	2		600	940		1 15	130	
Betula nigra										
Carya cordiformis										
Celtis occident.		50	100	50 25		680	30			
Crataegus sp.										
Fraxinus americ.										
F. nigra						2				
F. pensylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana			1000 2		150 4			160 2180	2 65	
Ulmus americana	780						390	380		2360
U. rubra										
Distance	10	13	34	9	32	29	12	9	24	27

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
A. saccharum		3					150 15	30 2	12 2	520
Betula nigra										
Carya cordiformis					70	20				
Celtis occident.		120	180	35		90				580
Crataegus sp.										
Fraxinus americ.										
F. nigra	1									
F. pensylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea	210									
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana					170	3				
Ulmus americana	350	500	180	540				100		180
U. rubra										
Distance	34	9	24	17	15	25	33	13	7	15

21-30

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
A. saccharum	12	12 12	2 190	12		580	360 390	2 204	4520	3
Betula nigra										
Carya cordiformis										
Celtis occident.					250					
Crataegus sp.										
Fraxinus americ.										
F. nigra										
F. pensylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana			35	2						100
Ulmus americana	320			180	170	410		360	160 370	1
U. rubra										
Distance	10	6	18	6	16	24	13	18	29	34

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
A. saccharum		1	3	1	2	30	18	✓	9	4-6.4
Betula nigra										
Carya cordiformis										
Celtis occident.	800	30	2	15	20	1	30	70	80	1
Crataegus sp.									15	270
Fraxinus americ.									19	
F. nigra										
F. pensylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana	35	✓	1	700	170	1	70	1	249	
Ulmus americana		80		20					270	
U. rubra										
Distance	12	22	27	24	16	10	9	23	16	15

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4014
Quadrat No.

PRESENCE

~~Anilantum pedatum~~
Agrimonia grypsosepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
~~Arenaria lateriflora~~
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrum filix-femina
Athyrum thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum
Dioscorea villosa
~~Echinocystis lobata~~
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
~~Impatiens capensis~~
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
~~Osmorhiza claytoni~~
Osmorhiza longistylis
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
~~Ribes missouriense~~
Rorippa islandica
~~Budbeckia laciniata~~
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
~~Tovara virginiana~~
~~Trillium flexipes~~
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia
Zanthoxylum americanum

Additional species:

Elymus virg.
Lobelia spicata
Ambrosia trifida

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4014
Quadrat No. 1-5

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium
Asarum canadense 3
Aster lateriflorus
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis 2, 4
Desmodium glutinosum
Dioscorea villosa
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense
Glyceria striata
Hydrophyllum virginianum 1, 4
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis 1, 2, 3, 4, 5
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 1, 4
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata 3, 5
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia
Zanthoxylum americanum

Additional species:

Viola 1, 2, 3, 4, 5 *cucullata*
Celtis 4, 5
elm 5

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4014
Quadrat No. 6-10

~~Adiantum~~ pedatum
Agrimonia grypsosepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora 2
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum
Dioscorea villosa
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta 4
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum 4
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis 3
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia
Zanthoxylum americanum

Additional species:

Ambrosia trifida 1
elm 1
Viola 5 cucullata
Aster 5 latiflorus 5

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4014
Quadrat No. 11-15

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium 4
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boenneria cylindrica
Brachelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis 4
Desmodium glutinosum
Dioscorea villosa
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense
Glyceria striata
Hydrophyllum virginianum 5
Ilex verticillata
Impatiens capensis 4
Iris virginica
Lactuca biennis
Laportea canadensis 12, 345
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta 1
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans 1
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata 1
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia 1, 4
Zanthoxylum americanum

Additional species:

Evonymus atro. 1
Viola cucullata 15
Caltha 3, 4, 5
Glycyrrhiza 4
elm 4

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4014
Quadrat No. 1620

~~Adiantum pedatum~~
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora 5
Arisaema atrorubens
Arisaema dracontium
Asarum canadense ✓
Aster lateriflorus
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii - 4
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis /
Desmodium glutinosum
Dioscorea villosa
Echinocystis lobata
Fragaria virginiana
Galium aparine 5
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense
Glyceria striata
Hydrophyllum virginianum 14, 5
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis 123, 4, 5
Leersia oryzpides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta
Phlox divaricata 5
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 1, 5
Smilacina racemosa 1, 5
Smilacina stellata
Smilax ecirrhata 4
Smilax herbacea
Smilax tamnoides
Solanum dulcamara
Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia
Zanthoxylum americanum

Additional species:

Viola pubescens
Celtis 3, 4

elm 4

Hydrophyllum virginianum 2, 5

I Hardwood Survey

Presence & Station Record

Stand No.:

57 trees counted (4" DBH+) in general bottom, not in maple-basswood climax portions

Tree	BA	S	Tree	BA	S	Tree	BA	S
------	----	---	------	----	---	------	----	---

② ✓ Acer negundo	11		Fagus grandif.			Prunus virgin.		
A. rubrum			① Fraxinus amer.			Quercus alba		
⑬ ✓ A. saccharinum	1111		F. nigra			Q. bicolor		
✓ A. saccharum			⑦ ✓ F. pennsylvan.	1111	11	Q. ellipsoid.		
Amelanchier sp.			✓ Juglans cinere			Q. macrocarpa		
Betula lutea			② ✓ J. nigra	11		Q. rubra		
B. nigra			Ostrya virgin.			Q. velutina		
B. papyrifera			Populus deltoid			Robinia pseudo		
Carpinus carol			P. grandident.			Sorbus americ.		
✓ Carya cordifor			P. tremuloides			✓ Tilia american		
C. ovata			Prunus americ.			②⑨ ✓ Ulmus american	1111	1111
③ ✓ Celtis occiden	111		P. pennsylvan.			U. fulva		
✓ Crataegus sp.			P. serotina			Salix nigra		

Distance:

Actaea sp.			Shrubs & Herbs			Polygonatum commut.		
Adiantum pedat.			✓ Eupatorium purpur.			✓ Polygonatum pubesc.		
Agrimonia gryp.			✓ Eupatorium rugosum			✓ Polygonum virgin.		
✓ Allium tricocc.			Festuca obtusa			Potentilla simpl.		
✓ Amphicarpa brac.			✓ Fragaria virgin. vesca			Prenanthes alba		
Anemone quinque.			✓ Galium aparine			Pteridium aquil.		
A. virginiana			G. circaeazans			Pyrola elliptica		
Anemonella thal.			G. concinnum			✓ Ranunculus abort.		
Antennaria sp.			G. lanceolatum			R. recurvatus		
Aplectrum hiem.			✓ G. triflorum			✓ R. septentrion.		
Apocynum andros.			Geranium macul.			✓ Rhus radicans		
Aquilegia canad.			✓ Geum canadense			Ribes americanum		
Aralia nudicaul.			Goodyera pubesc.			✓ R. cynosbati		
A. racemosa			Habenaria bract.			R. missouriense		
Arenaria later.			Hamamelis virg.			Rosa sp.		
✓ Arisaema atror.			Helianthus strum.			Rubus alleghen.		
✓ Asarum canad.			Hepatica acutil.			R. occidentalis		
Aster macrophyll.			Heuchera richard.			R. strigosus		
A. sagittifolius			Hydrastis canad.			✓ Sambucus canad.		
A. shortii			✓ Hydrophyllum virg.			✓ Sanguinaria can.		
Athyrium angust.			Hystrix patula			✓ Sanicula gregaria		
Aureolaria grandif.			✓ Impatiens biflora			✓ S. marilandica		
Botrychium vir.			I. pallida			Smilacina racemosa		
Brachyelytrum			✓ Isopyrum bitern.			S. stellata		
✓ Campanula amer.			Lactuca spicata			✓ Smilax ecirrhata		
Carex albursina			✓ Laportea canad.			✓ S. herbacea		
C. pennsylvan.			Lappula virgin.			✓ S. hispida		
Caulophyllum thal.			Lathyrus ochrol.			Solidago altissima		
Celastrus scan.			Lonicera prolif.			S. latifolia		
Circaea latif.			Lysimachia quadr.			S. ulmifolia		
Claytonia virg.			Maianthemum can.			Thalictrum dioicum		
Cornus altern.			Menispermum can.			Trillium cernuum		
C. femina			Mitella diphylla			T. flexipes		
C. rugosa			Monarda fistulosa			T. grandiflorum		
Corylus americana			Orchis spectab.			✓ T. recurvatum		
✓ Cryptotaenia canad.			✓ Cryzopsis racem.			Triosteum perfoliatum		
Cypripedium pubesc.			✓ Osmorhiza clayton.			Uvularia grandiflora		
Cystopteris frag.			✓ O. longistylis			Veronicastrum virg.		
Dentaria laciniata			Osmunda clayton.			Viburnum acerifolium		
Desmodium acumin.			Panax quinquef.			V. affine		
D. nudiflorum			Panicum latifolium			✓ Viola cucullata		
Dicentra cucullaria			Parietaria pennsylv.			V. pubescens		
Dodecatheon meadia			✓ Parthenocissus vit.			Vitis aestivalis		
Dryopteris spinulosa			✓ Phlox divaricata			V. riparia		
Erigeron pulchellus			✓ Phryma leptostachya			✓ Zanthoxylum americ.		
✓ Erythronium albidum			✓ Podophyllum pelt.			Zizia aurea		
			✓ Polemonium reptans					

Chorizanthe
Stellaria
R. verticillata

Dicentra
Thalictrum
Hepatica
Anemone
Antennaria

Agrostis
Elymus
Alliaria

V. canadensis
Sium suave
Lycopus
Rud. tanacetum

Phlox shows many
color phases

II Hardwood Survey

Presence & Station Record

Stand No.:

✓ *Agastache scrophul.*
 ✓ *Allium canadense*
Amorpha canesc.
Anaphalis marg.
Anemone cylindrica
Arabis canadensis
A. laevigata
A. lyrata
A. perstellata
Aralia hispida
 ✓ *Arisaema dracont.*
Asclepias ovalif.
A. phytolaccoides
Aster azureus
A. paniculatus
A. prenanthoides
Athyrium thelypter.
Besseyia bullii
Boehmeria cylindr.
Botrychium multif.
Bromus pürgans
Camptosorus rhizop.
Carex convoluta
Ceanothus americ.
Chimaphila umbell.
Cirsium altissim.
Clematis virgin.
Clintonia boreal.
Comandra umbellata
Conopholis americ.
Corallorrhiza mac.
Corydalis semperv.
Cynoglossum offic.
Cystopteris bulbif.
Desmodium bracteos.
D. canadense
Dicentra canad.
Diervilla lonicera
Dioscorea villosa
Dirca palustris
Elymus villosus
Epifagus virgin.

Erigeron philadel.
Erythronium americ.
Evonymus atropur.
Floerkea prosperp.
Fragaria vesca
Galium boreale
Gaultheria procumb.
Gaylussacia baccata
Gentiana quinquef.
Geum virginianum
Hedeoma hispida
Hepatica americana
Heracleum lanatum
Hieracium canad.
H. scabrum
Hydrophyllum append.
Hypoxis hirsuta
Ilex verticillata
Juncus tenuis
Juniperus communis
J. virginiana
Krigia biflora
Lathyrus venosus
Lilium philadel.
Liparis liliifolia
Lobelia cardinalis
Lonicera dioica
L. hirsuta
Luzula acuminata
L. Multiflora
Milium effusum
Mitchella repens
Monotropa uniflora
Onoclea sensibilis
Oryzopsis asperif.
Osmunda cinnamomea
Oxalis violacea
Panax trifolium
Paronychia canad.
Pedicularis canad.
Physocarpus opul.
Phytolacca decand.

Pilea pumila
Polymnia canad.
Polypodium vulgare
Prunella vulgaris
Pteretis nodulosa
Pyrus coronaria
P. icensis
Ranunculus fascicul.
R. rhomboideus
Rhus glabra
R. typhina
Rubus hispidus
R. pubescens
Rudbeckia laciniata
Salix sp.
Sambucus pubens
Saxifraga pennsylv.
Scrophularia lan.
S. marilandica
Senecio balsamitae
Silene stellata
Solanum nigrum
Solidago speciosa
Staphylea trifolia
 ✓ *Steironema ciliatum*
S. lanceolatum
Streptopus roseus
Symplocarpus foet.
Taenidia integerr.
Taxus canadensis
 ✓ *Thalictrum dasycarp.*
Thaspium aureum
Tradescantia ohio.
Uvularia sessilif.
Vaccinium canad.
Veronica serpyllif.
Viburnum lentago
V. trilobum
Vicia americana
 ✓ *Viola conspersa*
V. incognita

Additional Species:

✓ *Cheirophyllum*
 ✓ *Rumex verticillata*
 ✓ *Bidens coronata*
 ✓ *Elymus virginicus*
 ✓ *Mertensia*
 ✓ *Ambrosia trifida*
 ✓ *Ellisia*
 ✓ *Sium suave*
 ✓ *Lycopus uniflorus*
 ✓ *Rudbeckia laciniata*

Stand shows several tenaces
which have long been stable & have
reached maple-basswood-hackberry climax