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Site 4088: Blue River, Grant County, Township 8N, Range 2W, Section 2. 1953-08-05

[s.l.]: [s.n.], 1953-08-05

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STAND RECORD

FORESTS

Stand No. 4088

Name: Blue River
 County: Grant
 Date: Aug 5, 1953
 Size of Stand: 15 A.
 Forest Type: Floodplain hardwood
 Topography: Braided with sloughs

Locality: NW: NE
 T: 8N R: 2W Sec: 2
 Observers: Ware, Anderson
 Size of Area Sampled: 15A
 Soil Type:
 Slope: Directions

Condition of Stand:

Good. No cutting nor any apparent disturbance except for evidences of grazing several years ago

Open Grown Trees:

80 % 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"	Leaves, stems, etc
A ₁	2-4"	Dark brown to black, silty
A ₂	2-4"	Brown, sandy to silty
B		Sandy

Parent Material: Sand

Map:



Town of Blue River

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer negundo</i>										
<i>A. saccharinum</i>				800			2760			
<i>A. saccharum</i>										
<i>Betula nigra</i>	90 90	185		1		40		65	2	1
<i>Carya cordiformis</i>	1			1		95			2	
<i>Celtis occident.</i>										
<i>Crataegus sp.</i>										
<i>Fraxinus americ.</i>										
<i>F. nigra</i>						2				
<i>F. pensylvanica</i>		2	3	2	2					
<i>Gleditsia triacan.</i>										
<i>Gymnocladus dioica</i>										
<i>Juglans cinerea</i>										
<i>Platanus occident.</i>										
<i>Populus deltoides</i>										
<i>P. tremuloides</i>										
<i>Prunus serotina</i>										
<i>Quercus bicolor</i>	270	2180	1		25	2	65	110	2130 40	1102
<i>Q. rubra</i>										
<i>Robinia pseudo.</i>										
<i>Salix nigra</i>										
<i>Tilia americana</i>	430			740						
<i>Ulmus americana</i>			550		540					460
<i>U. rubra</i>										
Distance	31	36	31	33	20	28	24	10	15	12

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum		2160	2900	1580	4580	2		400		
A. saccharum										
Betula nigra		290	3				370	1200	3185	2
Carya cordiformis										1
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra						1				
F. pensylvanica	60	1						1	1	
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor	190	2	150			65 2220	365	3	150	4
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana										80
Ulmus americana				620	400					410
U. rubra										
Distance	18	24	24	25	27	17	21	18	20	22

(2)

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum						1				
A. saccharum										
Betula nigra	25 15	20 ✓	2					80	170 130	95 920
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
✓ F. nigra		45 ✓				✓				
F. pensylvanica	✓		1	2						1
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor	180 ✓		35	50	265 50	218 40	120	340	3	1
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana				960			380			
Ulmus americana			230				1			
U. rubra										
Distance	21	24	21	20	21	9	25	19	27	24

(3)

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum	600						120 85	140		
A. saccharum										
Betula nigra	2	3	1	90	2	160	2		80	65
Carya cordiformis	2	1								
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra										
F. pensylvanica							1			
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor	240	65 100		220	40 90		1	30	185	130
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana			560			1360				
Ulmus americana			410					2		
U. rubra										
Distance	29	43	19	25	16	18	15	20	22	18

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4088
Quadrat No.
PRESENCE

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa tracteada
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
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
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
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:

Corya cordif.
Quercus
Cornus arund.
Dryopteris thelypt.

Muhlenbergia frondosa

Presence List
(Uncommon species)

FLOOD-PLAIN HARDWOODS

Stand No. 4088
Quadrat No.

PRESENCE

Acorus calamus
Actaea pachypoda
Actaea rubra
Agastache scrophulariaefolia
Agropyron trachycaulum
Alisma subcordatum
Alnus incana
Alnus rugosa
Ambrosia trifida
Amorpha fruticosa
Anemone quinquefolia
Anemonella thalictroides
Angelica atropurpurea
Apios americana
Aralia hispida
Aralia racemosa
Asclepias incarnata
Aster cordifolius
Aster sagittifolius
Aster shortii
Bidens connata
Bidens coronata
Bidens frondosa
Bidens vulgata
Botrychium virginianum
Bromus purgans
Calamagrostis canadensis
Carex albursina
Carex alopecoidea
Carex convoluta
Carex cristata
Carex grisea
Carex laxiflora
Carex molesta
Carex muskingumensis
Carex pensylvanica
Carex projecta
Carex stipata
Carex tribuloides
Carex typhina
Carex vesicaria
Cassia marilandica
Chaerophyllum thalictroides
Galatstrus scandens
Chaerophyllum procumbens
Chelone glabra
Cicuta bulbifera
Circaea alpina
Clematis virginiana
Clintonia borealis

Comandra umbellata
Cornus alternifolia
Cuscuta sp.
Dentaria laciniata
Desmodium nudiflorum
Dicentra cucullaria
Diervilla lonicera
Dryopteris cristata
Dryopteris spinulosa
Dryopteris thelypteris
Ellisia nyctelea
Elymus virginicus
Epilobium palustre
Equisetum arvense
Equisetum hyemale
Erigeron philadelphicus
Erigeron pulchellus
Erythronium albidum
Eupatorium perfoliatum
Eupatorium purpureum
Eupatorium rugosum
Euonymus atropurpureus
Festuca obtusa
Fragaria vesca
Galium tinctorium
Gerardia gradiflora
Geum strictum
Hackelia virginica
Helenium autumnale
Helianthus strumosus
Hepatica acutiloba
Heracleum maximum
Hydrophyllum appendiculatum
Hypericum ascyron
Hypericum pyramidatum
Hystrix patula
Impatiens pallida
Iris versicolor
Isopyrum bitematum
Juncus tenuis
Lactuca canadensis
Lilium michiganense
Lilium philadelphicum
Lilium superbum
Lippia lanceolata
Lonicera prolifera
Maianthemum canadense
Mentha arvensis
Mertensia virginica
Mimulus ringens

Mitella diphylla
Monarda fistulosa
Muhlenbergia sp.
Napaea dioica
Nepeta hederacea
Oryzopsis racemosa
Osmunda cinnamomea
Osmunda regalis
Oxalis europaea
Oxalis stricta
Parietaria pensylvanica
Phalaris arundinacea
Phlox pilosa
Physocarpus opulifolius
Pilea pumila
Poa palustris
Polygonatum biflorum
Polygonatum pubescens
Polygonum hydropiper
Polygonum sagittatum
Pteridium aquilinum
Ranunculus recurvatus
Ratibida pinnata
Rubus allegheniensis
Rubus occidentalis
Rumex altissimus
Salix amygdaloides
Salix interior
Sanicula marilandica
Saxifraga pensylvanica
Scutellaria lateriflora
Senecio aureus
Silphium perfoliatum
Sium suave
Solidago gigantea
Solidago ulmifolia
Spiraea alba
Staphylea trifolia
Stellaria longifolia
Symplocarpus foetida
Trientalis borealis
Trillium grandiflorum
Trillium recurvatum
Triosteum perfoliatum
Urtica dioica
Uvularia grandiflora
Vernonia fasciculata
Viola renifolia
Zizia aurea

Additional Species:

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4088
Quadrat No. 1-5

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis 24
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora 14, 5
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica 45
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 5
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 4
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis 12
Leersia oryzoides 345
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata 23
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis 5
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta 1
Phlox divaricata 4
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus abortivus 4
Ranunculus septentrionalis
Rhus radicans 15
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia 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:

~~Carex intumescens~~ 1345
Aster lat 145
Elymus virg 15
Viola conspersa 14
Polygonum sagittatum 2
Carex vulpinoidea 25
Galium trid 235

Carex trachin 3
Rubus villosus 5
Solidago gig 5

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4088
Quadrat No.

6.10

Adiantum 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
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica 1245
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii 5
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 5
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum
Galium triflorum
Geranium maculatum
Geum canadense 14
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis 345
Leersia oryzoides 12345
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus 3
Lysimachia ciliata 125
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis 25
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 35
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia 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:

Pilea pumila 1
Carex intumescens 15
Aster lat 13
Saxifraga 13
soft maple 1
Dryopteris thelypt 1

Carex projecta 2
Elymus 24
Carex lupulina 2
green ash 45
chris 4
soft maple 45

Scutellaria lat 4-5
Prunus virginiana 5

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4088
Quadrat No.

11-15

Adiantum pedatum
Agrimonia gryposepala
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 2345
Brachelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vulpinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata
Cirsium altissimum
Convolvulus sepium
Cornus femina
Cornus obliqua 4
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 235
Geum canadense
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides 2345
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata 1235
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis 25
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta 3
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
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tannoides
Solanum dulcamara
Stachys palustris
Teucrium canadense 23
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana
Trillium flexipes
Uvularia sessilifolia 1
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia
Zanthoxylum americanum 5

Additional species:

Athyrium ang. 1
Carex intumescens 1
Carex vulpinoidea 1
Polygonum ang. 2
Elymus 2

Aster lat. 235

elm 4
Sorbetum 4
det.

Dracopis thelyp. 2
Galium tinctorium 23
Carex projecta 4

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4088
Quadrat No.

16-20

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa tracteada
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora ✓
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica 1245
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 13
Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides 145
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata 1345
Lysimachia nummularia
Menispermum canadense
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta 34
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
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Smilax herbacea
Smilax tamnoides
Solanium 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:

Aster latifolius 12345
Caulis 13
Galium tinctorum 145

Abutilon 2
Viola conspersa 23

Carex intumescens 2
Carex vulpinoidea 2345
Myrica asperifolia 2
Black ash 3
Polygonum sag 3
Elymus 34
Green ash 4
Sedum