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Site 4103: Hebron , Jefferson County, Township 5N, Range 15E, Section 12. 1953-08-23

[s.l.]: [s.n.], 1953-08-23

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STAND RECORD

FORESTS

Stand No. 4103

Name: Hebron

County: Jefferson

Date: Aug 28, 1953

Size of Stand: 10A.

Forest Type: Bottomland hardwood

Topography: Low, flat

Locality:

T: SN

R: 15E

Sec: 12

NE: SW

Observers: Ware

Size of Area Sampled: 10A.

Soil Type:

Slope:

Directions

Condition of Stand:

Fair. Selectively cut. Many large trees left.

Woods with very good general appearance in places —

but as a whole, woods not too good.

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	_____	_____	_____	_____	_____	_____	_____	_____	_____

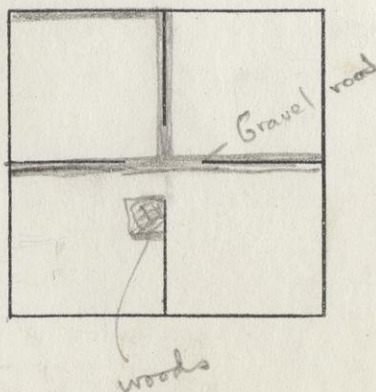
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	1-1 1/2"	Very dark litter
A ₁	2-4"	Very dark with light colored sand grains easily visible
A ₂	2-3"	Black, clay, crumbly
B		clay - crumbly

Parent Material: Black - clay - like

Map:



STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
A. saccharum			60							
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra		2	1			1	3	1		1
F. pennsylvanica	120	1	260 260	210			1	3		19
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina						1	16			
Quercus bicolor						260	390			
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana			590 110 110			220 110 110			45	1
Ulmus americana	490	55		130		440		460	45	
U. rubra										
Q. alba					130 110		2			
Camp. ovata					1					22
Distance	12	15	26	15	14	23	14	22	26	19

①

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
A. saccharum										
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra			✓			1		4	2	
F. pennsylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides									35	
Prunus serotina								20		
Quercus bicolor	110			140 410						
Q. rubra									290	
Robinia pseudo.										
Salix nigra										
Tilia americana							50	85		
Ulmus americana	14				85	770				55
U. rubra										
Q. alba		29					190			75
Q. sp.		210	65		55					
Ulmus Thunbergii			55			50				
Distance	15	24	13	17	18	22	16	35	21	32

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum										
A. saccharum									95	
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra										
F. pensylvanica	230	1							95	
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										1
Prunus serotina										
Quercus bicolor		210								
Q. rubra					85	200				
Robinia pseudo.										
Salix nigra										
Tilia americana									140 116	
Ulmus americana	30				16		1	100		1
U. rubra										
Carya ovata		80	140					45		200
Q. alba			120	85		28	240	50		
Ostrya										
Distance	9	16	27	15	21	26	7	29	11	14

Data Form No. 39
POINT RECORD TREES

Plant Ecology Research
FLOOD-PLAIN HARDWOODS

Univ. of Wisconsin
Stand No. 4103

[illegible]

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4/03
Quadrat No.

PRESENCE

Laportea over much of floor.

~~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~~
~~Begonia 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 arbortivus~~
~~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~~
~~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 virginicus
Cinna arum-fruicea
Hel. strumosum
Rubus black
Pilea pumila

Eupatorium rugosum

Presence List
(Uncommon species)

FLOOD-PLAIN HARDWOODS

Stand No. 4103
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 alopecuroides
Carex convoluta
Carex cristata
Carex grisea
Carex laxiflora
Carex molesta
Carex muskingumensis
Carex pennsylvanica
Carex projecta
Carex stipata
Carex tribuloides
Carex typhina
Carex vesicaria
Cassia marilandica
Caulophyllum thalictroides
Galatrus 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 biternatum
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. 4103
Quadrat No.

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium
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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
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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 tannoides
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:

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4/03
Quadrat No.

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium
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Aster simplex
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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:

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4103
Quadrat No.

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
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 arbortivus
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
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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:

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4102
Quadrat No.

Adiantum pedatum
Agrimonia gryposepala
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
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
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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
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Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Prenanthes alba
Ranunculus arbortivus
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: