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Site 4111: Spring Green Bridge, Iowa County, Township 8N, Range 4E, Section 17. 1954-04-08

[s.l.]: [s.n.], 1954-04-08

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STAND RECORD

FORESTS

Stand No. 4111

Name: Spring Green Bridge

County: Iowa

Date: April 8, 1954

Size of Stand: 20 A

Forest Type: Flood plain hardwoods

Topography: Ridges and sloughs

Locality:

T: 8N

R: 4E

Sec: 17

SE:SE

Observers: Ware

Size of Area Sampled: 10 A

Soil Type:

Slope:

Directions

Condition of Stand:

Ragged in appearance — points were taken only along ridges. Sloughs were avoided. All saplings of and most of Fraxinus nigra trees were of obvious sprout origin. Fire scars common. Ground cover with considerable grass — Elymus virginicus, Leersia virginica.

Open Grown Trees:

75% 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	_____	_____	_____	_____	_____	_____	_____	_____	_____

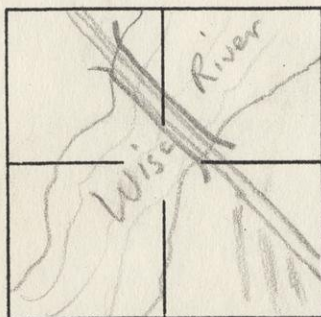
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	_____	Mat of black roots in places; sand in most places
A ₁	2-4"	Darkened sand
A ₂	_____	_____
B	_____	_____

Parent Material: Sand

Map:



Ridges Sampled

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum								48		
A. saccharum										
Betula nigra	280	1								
Carya cordiformis									12	1
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra	2	1	14	4	17	1	2	1	2	40
F. pensylvanica			stump sprouts							
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor	110	1	65	65	150	90	130	50	30	70
Q. rubra		230			120	95	45	20		
Robinia pseudo.										
Salix nigra										
Tilia americana										
Ulmus americana							1	1	2	
U. rubra										
Distance	16	26	45	21	28	32	25	27	22	13

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum	1	1		2	2			940		
A. saccharum								910		
Betula nigra			1	21						
Carya cordiformis	1									
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra			45		1	1	130		110	55
F. pensylvanica	60		35					220		
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides					130					
Prunus serotina										
Quercus bicolor		50	90	18	2	160	200	160	230	85
Q. rubra										310
Robinia pseudo.										
Salix nigra										
Tilia americana										
Ulmus americana		24	3							
U. rubra										
Distance	11	16	20	20	24	35	24	25	27	25

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4111
Quadrat No.

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa tracteata
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 vulpinoidea
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 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:

Solidago gig 13

Blue

Osmunda reg 28

Solidago gig 28 9 10

Rubus idaeus 3

Silver maple 4

Kalmia latifolia 49

Elm 510

Sent 59

Lat.

Elymus vir 517

SWO 8

Black ash 9

Polygonum punctatum 9

Sent 2

Marsh corex 10

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4111
Quadrat No.

11-20
Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa tracteada
Anemone canadensis 45
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium
Asarum canadense
Aster lateriflorus 12356910
Aster simplex
Athyrium filix-femina
Athyrium thelypteroides
Boehmeria cylindrica 3679
Brachyelytrum erectum
Caltha palustris
Campanula americana
Carex crinita
Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
Cephalanthus occidentalis
Cicuta maculata
Circaea quadrisulcata 168
Cirsium altissimum
Convolvulus sepium
Cornus femina 7910
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
Cryptotaenia canadensis 125678
Desmodium glutinosum
Dioscorea villosa 235678910
Echinocystis lobata
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum 12345678910
Galium triflorum
Geranium maculatum
Geum canadense 10
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 14567810
Osmorhiza claytoni
Osmorhiza longistylis
Parthenocissus inserta 68
Phlox divaricata
Phryma leptostachya
Physostegia virginiana
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum pub 6
Prenanthes alba
Ranunculus abortivus 10
Ranunculus septentrionalis
Rhus radicans 19
Ribes americanum 310
Ribes cynosbati
Ribes missouriense
Rorippa islandica
Rudbeckia laciniata
Rumex verticillatus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
Smilacina racemosa
Smilacina stellata
Smilax ecirrhata
Smilax herbacea 48
Smilax tamnoides
Solanum dulcamara
Stachys palustris 789
Teucrium canadense
Thalictrum dasycarpum
Thalictrum dioicum
Tovara virginiana 1
Trillium flexipes
Uvularia sessilifolia
Veronicastrum virginianum 6
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata 28
Viola pubescens
Vitis riparia
Zanthoxylum americanum

Additional species:

Stachys hispida 1
Swamp W 16
Silver maple 1679
Solidago gly 125679

~~Geum canadense~~ → ~~Hemlock~~ 26

Calamagrostis 3
Elymus 35610
Dryopteris thelypteris 34
Marsh carex 345

elm 34589

Polygonum sagittatum 46
Rudbeckia Blue river 6
Celtis 8