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Site 4104: Concord, Jefferson County, Township 7N, Range 16E, Section 10. 1953-08-28

[s.l.]: [s.n.], 1953-08-28

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STAND RECORD

30pts

FORESTS

Stand No. 4104

Name: Concord

County: Jefferson

Date: Aug 28, 1953

Size of Stand: 10 A.

Forest Type: Bottomland hardwood

Topography: Low, flat

Locality:

T: 7N R: 16E

Sec: 10

SW: SE

SE: SW

Observers: Ware

Size of Area Sampled: 10A.

Soil Type:

Slope:

Directions

Condition of Stand:

Fair. Stand is on margin of marsh along
Oconomowoc River. ^{marked} depressions scattered throughout.
Selective cutting recently.

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

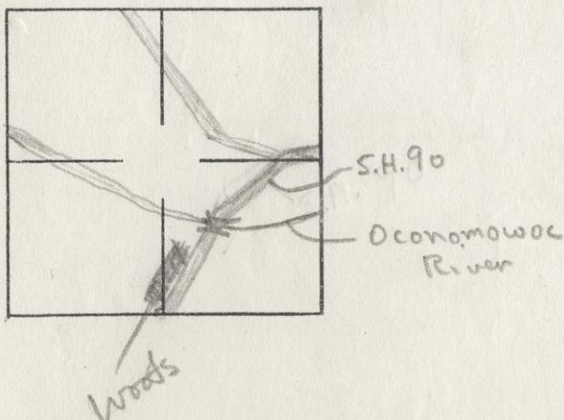
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	4" 1/2"	Dark brown loess
A ₁	2-3"	Black clay with sand grains evident
A ₂	2-3"	Black clay
B	2-3"	Black clay

Profile very difficult to distinguish because of marked black colors

Parent Material: Black clay

Map:



STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer negundo</i>										
<i>A. saccharinum</i>										
<i>A. saccharum</i>		1	1			29				
<i>Betula nigra</i>										
<i>Carya cordiformis</i>										
<i>Celtis occident.</i>										
<i>Crataegus sp.</i>										
<i>Fraxinus americ.</i>										
<i>F. nigra</i>	40				40		90		65	30
<i>F. pensylvanica</i>	240		85	40 165				240 180		
<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>	1		1	1	4	1				
<i>Quercus bicolor</i>									63 45	
<i>Q. rubra</i>		180 190 120 120	195 250	1	440 100 195					
<i>Robinia pseudo.</i>										
<i>Salix nigra</i>										
<i>Tilia americana</i>							80			
<i>Ulmus americana</i>	1	1		60		780	1		100	
<i>U. rubra</i>										
Distance	12	15	21	17	22	24	13	11	15	12

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									50 55 65	60
F. pensylvanica	25	85 86								
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides			2							
Prunus serotina		4				1				
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana					40 70	45 45	45 30 20	50 35 180		160 120 100
Ulmus americana	30	2	230 75	140	130		100			1
U. rubra										
Carya ovata				55						
Cornus								4		
Distance	33	17	23	25	11	7	24	9	27	12

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer ^{rubrum} negundo		1			13		21 24 40 17			
A. saccharinum										
A. saccharum										
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										13
Fraxinus americ.										
F. nigra	60		50	12				22 17	15 35	✓
F. pensylvanica			150			60 35 14				
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides						75				
Prunus serotina		75		160						
Quercus bicolor	45						45 35			
Q. rubra					80 90 100					
Robinia pseudo.										
Salix nigra										
Tilia americana		150 130								
Ulmus americana				1				560		
U. rubra										
^{Common} Carya ovata		✓						1	1	70
Distance	10	18	17	12	14	10	11	22	14	12

③

Data Form No. 39
POINT RECORD TREES

Plant Ecology Research
FLOOD-PLAIN HARDWOODS

Univ. of Wisconsin
Stand No. 4104

[illegible]

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4104
Quadrat No.

PRESENCE

~~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~~
~~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:

Carex rosea
Athyrium angustum
Solidago
Eleocharis virg

Rubus black

Urtica dioica

Circaea arund

Pilea

Actaea thimifed

Presence List
(Uncommon species)

FLOOD-PLAIN HARDWOODS

Stand No. 4104
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
Chaetophyllum thalictroides
Galastrus 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 *white*
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 *hawn*
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
Symlocarpus 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. 4104
Quadrat No.

Adiantum pedatum
Agrimonia grypsosepala
Allium canadense
Allium tricoccum
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Anemone canadensis
Anemone virginiana
Aralia nudicaulis
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Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

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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:

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4104
Quadrat No.

Adiantum pedatum
Agrimonia gryposepala
Allium canadense
Allium tricoccum
Amphicarpa bracteata
Anemone canadensis
Anemone virginiana
Aralia nudicaulis
Arenaria lateriflora
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Arisaema dracontium
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Convolvulus sepium
Cornus femina
Cornus obliqua
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Cornus stolonifera

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Desmodium glutinosum
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Galium concinnum
Galium obtusum
Galium triflorum
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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. 4104
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
Convolvulus sepium
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera

Corylus americana
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Desmodium glutinosum
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Galium obtusum
Galium triflorum
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Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
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Lobelia cardinalis
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Lysimachia ciliata
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Menispermum canadense
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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
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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. 4107
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
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Carex grayii
Carex intumescens
Carex lupulina
Carex normalis
Carex vupinoidea
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Circaea quadrisulcata
Cirsium altissimum
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Galium triflorum
Geranium maculatum
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Glyceria striata
Hydrophyllum virginianum
Ilex verticillata
Impatiens capensis
Iris virginica
Lactuca biennis
Laportea canadensis
Leersia oryzoides
Lobelia cardinalis
Lycopus americanus
Lycopus uniflorus
Lysimachia ciliata
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Rumex verticillatus
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Smilax ecirrhata
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Stachys palustris
Teucrium canadense
Thalictrum dasycarpum
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Uvularia sessilifolia
Veronicastrum virginianum
Viburnum lentago
Viola canadensis
Viola conspersa
Viola cucullata
Viola pubescens
Vitis riparia
Zanthoxylum americanum

Additional species: