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Site 4067: Waukon Junction, Iowa; Allamakee County, Iowa. 1952-08-01

[s.l.]: [s.n.], 1952-08-01

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STAND RECORD

FORESTS

Stand No. 4067

Name: Waukon Junction, Iowa Locality: near Harper's Ferry, Iowa
 County: Allamakee Co. T: _____ R: _____ Sec: _____
 Date: August 1, 1952 Observers: Ware, Anderson
 Size of Stand: _____ Size of Area Sampled: _____
 Forest Type: Flood plain hardwoods Soil Type: _____
 Topography: _____ Slope: _____ Directions: _____

Condition of Stand: Apparently undisturbed. Excellent example of early to middle successional stages of frequently inundated area. Herbs present only in patches - part of woods under water at time of sampling

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.N.C.
A ₀	_____	_____	_____	_____	_____	_____	_____	_____	_____
A ₁	_____	_____	_____	_____	_____	_____	_____	_____	_____
A ₂	_____	_____	_____	_____	_____	_____	_____	_____	_____
B	_____	_____	_____	_____	_____	_____	_____	_____	_____

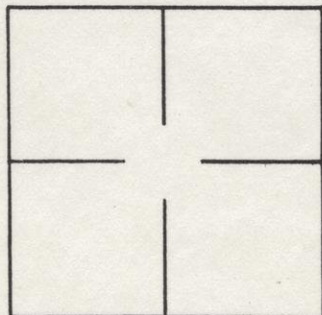
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A₀ none - no profile at all - caked surface layer
 A₁ of clay, sand and silt at lower depths
 A₂ _____
 B _____

Parent Material:

Map:



①

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum		23	110 40	100 40	35 35	40 25	20 65	75	25 75	25 75
A. saccharum										
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.	3	1	2					2	2	2
F. nigra										
F. pennsylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra								80		
Tilia americana										
Ulmus americana										
U. rubra	35 110	80	2	2	2		2	1		
Distance	13	14	10	16	14	9 1/2	18 1/2	19	9	12 1/2

POINT RECORD TREES

Stand No. 4067

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum	35	60	65 60	20 30	85 90	50 60	40	85	85 105	150
A. saccharum										
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.	2	60	L						2	L
F. nigra										
F. pennsylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides										
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra							100			
Tilia americana										
Ulmus americana										
U. rubra	85		L				2	3	50	35 3
Distance	18	16	21	12 1/2	13	13	17	12	21	14

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum	110 30	80 100	45 110	150 135 17	12 150	20	190	100 25	45	70
A. saccharum										
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.							1	3		
F. nigra										
F. pensylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides							220			
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana										
Ulmus americana										
U. rubra	1	2	4	2		130	140	20	95	110
Distance	6 1/2	13	13 1/2	13 1/2	17 1/2	19 1/2	12	13	16 1/2	18

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer negundo										
A. saccharinum	28 75	14 27	60 70	45 12		50	120 2	55 25	24 75	50 50
A. saccharum										
Betula nigra										
Carya cordiformis										
Celtis occident.										
Crataegus sp.										
Fraxinus americ.										
F. nigra										
F. pensylvanica										
Gleditsia triacan.										
Gymnocladus dioica										
Juglans cinerea										
Platanus occident.										
Populus deltoides							65			
P. tremuloides										
Prunus serotina										
Quercus bicolor										
Q. rubra										
Robinia pseudo.										
Salix nigra										
Tilia americana										
Ulmus americana										
U. rubra	✓	✓	✓	4 10 15	100 100 100	100 100 100	✓	✓	✓	
Distance	20 ^{1/2}	11	12 ^{1/2}	12 ^{1/2}	15	22	16	9 ^{1/2}	11 ^{1/2}	12 ^{1/2}

Presence or Frequency
(Common species only)

FLOOD-PLAIN HARDWOODS

Stand No. 4067
~~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 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:

Mud cell.
elm, maple, ash seedlings
bracted comp → aster
Acer negundo seedlings
Elymus virginicus

Carex retrose
Scutellaria
Equisetum
Umbel cell. → Cicuta mac
Cinn. arundinacea

Presence List
(Uncommon species)

FLOOD-PLAIN HARDWOODS

Stand No. 4067
~~Plot No.~~
Presence

Acorus calamus	Comandra umbellata	Mitella diphylla
Actaea pachypoda	Cornus alternifolia	Monarda fistulosa
Actaea rubra	Cuscuta sp.	Muhlenbergia sp.
Agastache scrophulariaefolia	Dentaria laciniata	Napaea dioica
Agropyron trachycaulum	Desmodium nudiflorum	Nepeta hederacea
Alisma subcordatum	Dicentra cucullaria	Oryzopsis racemosa
Alnus incana	Diervilla lonicera	Osmunda cinnamomea
Alnus rugosa	Dryopteris cristata	Osmunda regalis
Ambrosia trifida	Dryopteris spinulosa	Oxalis europaea
Amorpha fruticosa	Dryopteris thelypteris	Oxalis stricta
Anemone quinquefolia	Ellisia nyctelea	Parietaria pensylvanica
Anemonella thalictroides	Elymus virginicus	Phalaris arundinacea
Angelica atropurpurea	Epilobium palustre	Phlox pilosa
Apios americana	Equisetum arvense	Physocarpus opulifolius
Aralia hispida	Equisetum hyemale	Pilea pumila
Aralia racemosa	Erigeron philadelphicus	Poa palustris
Asclepias incarnata	Erigeron pulchellus	Polygonatum biflorum
Aster cordifolius	Erythronium albidum	Polygonatum pubescens
Aster sagittifolius	Eupatorium perfoliatum	Polygonum hydropiper
Aster shortii	Eupatorium purpureum	Polygonum sagittatum
Bidens connata	Eupatorium rugosum	Pteridium aquilinum
Bidens coronata	Euonymus atropurpureus	Ranunculus recurvatus
Bidens frondosa	Festuca obtusa	Ratibida pinnata
Bidens vulgata	Fragaria vesca	Rubus allegheniensis
Botrychium virginianum	Galium tinctorium	Rubus occidentalis
Bromus purgans	Gerardia gradiflora	Rumex altissimus
Calamagrostis canadensis	Geum strictum	Salix amygdaloides
Carex albursina	Hackelia virginica	Salix interior
Carex alopecoidea	Helenium autumnale	Sanicula marilandica
Carex convoluta	Helianthus strumosus	Saxifraga pensylvanica
Carex cristata	Hepatica acutiloba	Scutellaria lateriflora
Carex grisea	Heracleum maximum	Senecio aureus
Carex laxiflora	Hydrophyllum appendiculatum	Silphium perfoliatum
Carex molesta	Hypericum ascyron	Sium suave
Carex muskingumensis	Hypericum pyramidatum	Solidago gigantea
Carex pensylvanica	Hystrix patula	Solidago ulmifolia
Carex projecta	Impatiens pallida	Spiraea alba
Carex stipata	Iris versicolor	Staphylea trifolia
Carex tribuloides	Isopyrum biternatum	Stellaria longifolia
Carex typhina	Juncus tenuis	Symplocarpus foetida
Carex vesicaria	Lactuca canadensis	Trientalis borealis
Cassia marilandica	Lilium michiganense	Trillium grandiflorum
Chaetophyllum thalictroides	Lilium philadelphicum	Trillium recurvatum
Gelastrus scandens	Lilium superbum	Triosteum perfoliatum
Chaerophyllum procumbens	Lippia lanceolata	Urtica dioica
Chelone glabra	Lonicera prolifera	Uvularia grandiflora
Cicuta bulbifera	Maianthemum canadense	Vernonia fasciculata
Circaea alpina	Mentha arvensis	Viola renifolia
Clematis virginiana	Mertensia virginica	Zizia aurea
Clintonia borealis	Mimulus ringens	

Additional Species: