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Site 4021[A]: Arena, Iowa County, Township 8N, Range 5E, Section 9. 1950-07-11

[s.l.]: [s.n.], 1950-07-11

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No.

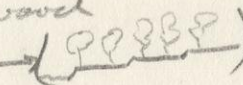
Name: *Arena*

Locality:

County: *Iowa*T: *8N*R: *5E*Sec: *9*Date: *July 11-19, '50*Observers: *Reilly*

Size of Stand:

Size of Area Sampled:

Forest Type: *Bottomland Hardwood*Soil Type: *Silt*Topography: *3 terraces, flat* 

Slope:

Directions

Condition of Stand:

Fair - Good ; ungrazed

Open Grown Trees:

% 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	_____	_____	_____	_____	_____	_____	_____	_____	_____

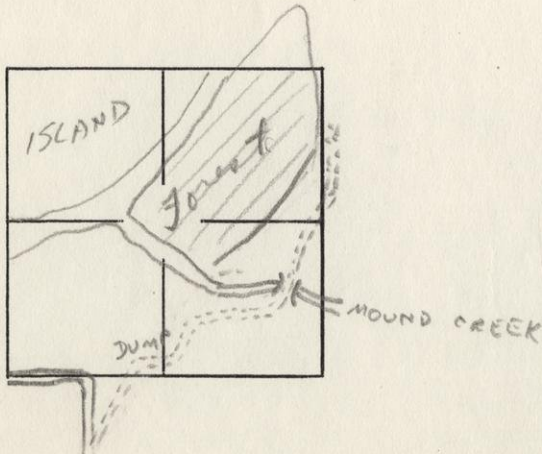
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	_____	_____	_____	_____	_____	_____	_____	_____	_____
A ₁	_____	_____	_____	_____	_____	_____	_____	_____	_____
A ₂	_____	_____	_____	_____	_____	_____	_____	_____	_____
B	_____	_____	_____	_____	_____	_____	_____	_____	_____

Parent Material:

Map:



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>										
<i>Betula nigr</i> papyr.	110				1 $\frac{275}{140}$		1		✓ 165 ✓	
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Fagus grand</i>										
<i>Fraxinus am</i>		1	✓				110	2		
<i>F. pennsylv.</i> nigra	✓ 1	2	3 65	4	3		1		1 35	2 65
<i>Juglans cin</i>							110			
<i>J. nigra</i>										
<i>Rob. pseudo</i> <i>Ostrya virg</i>										3
<i>Populus gran</i>										
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus alba</i> <i>bicolor</i>					140					
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>										
<i>Q. velutina</i>										
<i>Tilia amer</i>										
<i>Ulmus amer</i>			✓							
<i>Ulmus fulva</i>	160	1	✓		✓		195	205	2	1
<i>A. saccharin</i>	3 $\frac{160}{105}$	$\frac{200}{75}$	430	910			410	1		100
Distance	15	10 1/2	15	14	38	23	42	20 1/2	26	29

Course 255°
INT = 50°

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>										
<i>Betula papy.</i>	55 ✓		2		85 ✓ 403					160 ✓ 2
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>										
<i>Celtis occ</i>										
<i>Crataegus sp.</i>										
<i>Quercus</i> <i>Fagus grand</i>	✓ 495									105 ✓ 2
<i>Fraxinus am</i>		✓		235 ✓ 4			✓			
<i>F. nigra</i>										
<i>Juglans cin</i>										
<i>J. nigra</i>										
<i>Ostrya vrig</i>										
<i>Populus</i> grand ^{DELT}						370	75		200	1
<i>P. tremul</i>										
<i>Prunus serot</i>										
<i>Quercus</i> ^{bicolor} alba	210					✓				
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>										
<i>Q. rubra</i>										
<i>Q. velutina</i>										
<i>Tilia amer</i>		210 ✓ 4								
<i>Ulmus amer</i>										
<i>Ulmus fulva</i>										
<i>A. saccharum</i>			75 110	285		85			90	✓ 1
<i>Salix nigra</i>							40 ✓ 4	65 ✓ 4		12
Distance	40	22	30 1/2	12 1/2	27	42	19 1/2	28	20 1/2	26

(Cont)

Course change to 75°

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papyr. ^{nigra}		180			2	2	150/45	3	2	✓
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Eagus grand ^{Fraxinus}	✓ 3		✓ 3	✓ 90		2	✓ 1	✓		✓ 2
Fraxinus am		2						✓ 1	✓ 1	✓ 2
F. nigra				325						
Juglanscin										
J. nigra										
Ostrya ^{prunifolia}		✓ 2								
Populus gran ^{altr}										
P. tremul										
Prunus serot										
Quercus ^{bicolor} alba				✓		315				
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer				210	2				95	
Ulmus amer	250									
Ulmus fulva			80 210	✓ 1			✓			
Oen. saccharin	85	160			2	65	2	110	65 90	3 380
Distance	31	46	18	27	22	2 1/2	36	19	25 1/2	28

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy. <i>marina</i>		✓ 280	✓ 2	✓ 2				95 1		190 1
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand <i>F. pennsylv</i>	✓ 2		✓ 2	115 1	2			130 1	1	3
Fraxinus am		35				85 4				
F. nigra				1						
Juglans cin										
J. nigra										
Ostrya frig <i>O. pseudo</i>										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba <i>bicolor</i>		300							65	✓
Q. ellipsoid										
Q. macrocarpa										
Q. rubra										
Q. velutina										
Tilia amer		2							80	
Ulmus amer										
Ulmus fulva	95 2		165 ✓		205 35 2	35		2	2	
Acer saccharum <i>A. saccharum</i>	250			680			35 28 2			385 ✓
Distance	18	29	33	26	22	14 1/2	27	45	22	60

26.8
4/10/71

PRESENCE LIST

SOUTHERN FLOODPLAIN FOREST

Stand No.

Acer negundo
Acer rubrum
Acer saccharinum
Acer saccharum
Betula lutea
Betula nigra
Carya cordiformis
Carya ovata
Celtis occidentalis
Crataegus
Fraxinus americana
Fraxinus nigra

+ = fruiting

Fraxinus pennsylvanica
Fraxinus lanceolata
Fraxinus quadrangulata
Gleditsia triacanthos
Gymnocladus dioica
Juglans cinerea
Juglans nigra
Ostrya virginiana
Platanus occidentalis
Populus deltoides
Populus tremuloides
Prunus serotina

Prunus virginiana
Quercus alba
Quercus bicolor
Quercus ellipsoidalis
Quercus macrocarpa
Quercus rubra
Robinia pseudoacacia
Salix nigra
Tilia americana
Ulmus americana
Ulmus fulva

HERBS & SHRUBS

★ = blooming

Acorus calamus
Actaea pachypoda
Adiantum pedatum
Agrimonia gryposepala
Alisma plantago-aquatica
Allium canadense
Alnus incana
Alnus rugosa
Ambrosia trifida
Amorpha fruticosa
Amphicarpa bracteata
Anemone canadensis ★ †
Anemone quinquefolia
Anemone virginiana
Anemonella thalictroides
Apios tuberosa
Aralia nudicaulis
Aralia racemosa
Arenaria lateriflora
Arisaema atrorubens
Arisaema dracontium †
Asarum canadense
Asclepias incarnata
Aster lateriflorus
Aster paniculatus
Athyrium angustum
Aureolaria grandiflora
Bidens coronata
Bidens vulgata
Botrychium virginianum
Brachyelytrum erectum
Bromus purgans
Caltha palustris
Campanula americana
Carex grayii †
Cassia marilandica
Caulophyllum thalictroides
Cephalanthus occidentalis †
Cheirophyllum procumbens
Chelone glabra
Cicuta maculata ★

Circaea latifolia
Cirsium altissimum
Clematis virginiana
Comandra umbellata
Convolvulus sepium
Cornus alternifolia
Cornus femina
Cornus obliqua
Cornus rugosa
Cornus stolonifera
Corylus americana
Cryptotaenia canadensis
Cuscuta sp.
Dentaria laciniata
Desmodium glutinosum
Dicentra cucullaria
Dioscorea villosa
Dryopteris thelypteris
Echinocystis lobata
Ellisia nyctelea
Elymus virginicus
Epilobium palustris
Erythronium albidum
Eupatorium purpureum
Eupatorium rugosum
Fragaria virginiana
Galium aparine
Galium concinnum
Galium obtusum ★
Galium triflorum
Geranium maculatum
Geum canadense
Geum strictum
Glyceria nervata
Helianthus strumosus
Hepatica acutiloba
Hydrophyllum appendiculatum
Hydrophyllum virginianum
Hypericum ascyron
Hystrix patula
Ilex verticillata †

Impatiens biflora
Iris virginica
Juncus tenuis
Lactuca spicata
Laportea canadensis
Leersia oryzoides
Lilium philadelphicum
Lippia lanceolata
Lobelia cardinalis
Lonicera prolifera
Lycopus americana
Lycopus uniflorus
Menispermum canadense
Muhlenbergia sp.
Napaea dioica
Onoclea sensibilis
Osmorhiza claytoni
Osmorhiza longistylis
Osmunda regalis
Parietaria pennsylvanica
Parthenocissus vitacea
Phlox divaricata
Phryma leptostachya
Physocarpus opulifolius
Physostegia virginiana
Pilea pumila
Podophyllum peltatum
Polemonum reptans
Polygonatum commutatum
Polygonum sagittatum
Polygonum virginianum
Prenanthes alba
Ranunculus abortivus
Ranunculus recurvatus
Ranunculus septentrionalis
Rhus radicans
Ribes americanum
Ribes cynosbati
Ribes missouriense
Rorippa palustris
Rubus allegheniensis

WISCONSIN FLOODPLAIN FLORA
11 July 1988
Soil Salinity
Data: Dietz

Data Form No. 21 (P.2)

Rudbeckia laciniata	Smilax ecirrhata	Trillium flexipes
✓ Rumex verticillatus †	✓ Smilax herbacea	Trillium grandiflorum
Sambucus canadensis	Smilax hispida	Trillium recurvatum
Sanguinaria canadensis	Solidago gigantea	Triosteum perfoliatum
Sanicula gregaria	Solidago ulmifolia	Uvularia grandiflora
Sanicula marilandica	✓ Stachys palustris	Veronicastrum virginianum
Scutellaria lateriflora	Staphylea trifolia	Viburnum lentago
Senecio aureus	✓ Steironema ciliata ★	✓ Viola cucullata
Silphium perfoliatum	Stellaria longifolia	Viola pubescens
Sium suave	Teucrium canadense	✓ Vitis riparia
Smilacina racemosa	✓ Thalictrum dasycarpum	✓ Zanthoxylum americanum
Smilacina stellata	Thalictrum dioicum	

Additional species:

Salix longifolia ^{3 ♀} ~~†~~
Rumex brittanica †
Aster spp.
Helium autumnale
Calamagrostis canadensis
Carex alopecuroides
 " *vulpinoides*
 " *lupulina*
 " *typhina*
 " *intermescens*
 " *crinata*
 " spp (2 others)
 " *normalis*