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Site 1828: Columbia County, Township 10N, Range 12E, Section 28. 1957-09-17

[s.l.]: [s.n.], 1957-09-17

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Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1828

Name:
 County: Columbia
 Date: Sept 17 57
 Size of Stand:
 Forest Type:
 Topography:

Locality:
 T: 16N R: 12E Sec: 28
 Observers: E.T.C.
 Size of Area Sampled:
 Soil Type:
 Slope: Directions:

Condition of Stand:

Good - opening in center
 of low ground with aspen grove
 sampled around

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									

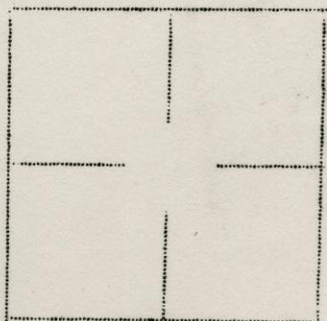
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	0-1/2	Lead letter	drum
A ₁	1-5	shale	clay loam
A ₂	2-4	grey	
B			

Parent Material:

Map:



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1828

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata							130			
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	2	2	2		2				65	
Quercus alba										
Q. ellipsoid										
Q. macrocarpa						200 170 120 130	286 25 40	31 75		
Q. rubra										
Q. velutina	130 170 160 150	130 140 170	140 130 160	220 360 130 140	230 110 130			120 45	160 180 80	210 200 180 340
Tilia amer										
Ulmus amer	2	65	2	2	4	140	1	4	4	4
Ulmus fulva										
Acer negundo						1				
	3,15 30,18	10,7 5,15	2,9 9,10	8,5 9,10	20,18 10,15	5,8 5,20	10,15 8,5	35,20 25,15	15,25 30,40	40,50 50,40
Distance	10,7 16,35	7,7 32,46	21,15 19,21	32,20 10,30	9,20 22,35	7,15 18,13	7,14 22,27	16,15 14,22	30,28 28,45	20,10 55,40
	40	35	90	70	80	80	80	70	0	50

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1828

STATION NO.	1	2	3	4	5	6	7	8	9	10					
Acer rubrum															
A. saccharum															
Betula papy.															
Carpinus car															
Carya cord															
C. ovata								25							
Celtis occ															
Crataegus sp.															
Fagus grand															
Fraxinus am															
F. nigra															
Juglans cin.															
J. nigra															
Ostrya virg															
Populus gran															
P. tremul															
Prunus serot	1		25	1			2		1	1					
Quercus alba															
Q. ellipsoid															
Q. macrocarpa					25 120	110 190		100							
Q. rubra															
Q. velutina	140 120 120 450	120 140 180	160 230	210 190 230	190 75	210	130 150 140	130 220	210 340 190 200	180 190 160					
Tilia amer															
Ulmus amer	3	25	4	30	3	4	4	120	2	25	4	3	4	20	3
Ulmus fulva															
	25,10 25,28	15,7 20,25	3,5 5,12	10,15 13,25	5,7 8,2	15,9 8,30	7,10 8,30	15,8 20,18	34,18 38,20	10,15 12,25					
Distance	9,35 26,24	17,34 10,14	22,13 9,23	14,30 31,32	16,9 8,35	9,21 25,26	20,15 25,21	4,15 23,15	4,25 19,31	17,8 13,14					
	90	15	80	25	95	90	30	100	80	65					

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1828

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord							45			100
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul		25 70 30	3	25 40 95	3	15 35	3			
Prunus serot										2
Quercus alba										
Q. ellipsoid										
Q. macrocarpa	100 200 170	170	250	170	180 240 45 180	110 35	1		95	
Q. rubra										
Q. velutina				120		120 110	200 220 210	210 140 130	170 130 140	210 260 320
Tilia amer										
Ulmus amer	25	4	1	1	1	4	4	4	35	4
Ulmus fulva										
	5,8 3,15	5,3 8,9	1,2 4,2	5,8 10,9	5,15 8,12	5,8 9,10	5,15 12,10	15,12 25,30	60,25 20,40	10,35 15,60
Distance	21,18 30,25	51,7 42,12	55,40 10,35	42,30 22,8	1,22 11,18	15,9 7,38	40,12 8,25	14,25 20,25	24,23 22,19	7,32 19,18
	75	40	75	20	95	75	80	10	75	65

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1828

STATION NO.	1	2	3	4	5	6	7	8	9	10
<i>Acer rubrum</i>										
<i>A. saccharum</i>										
<i>Betula papy.</i>										
<i>Carpinus car</i>										
<i>Carya cord</i>										
<i>C. ovata</i>	120									
<i>Celtis occ</i>										
<i>Crataegus sp.</i>				1						
<i>Fagus grand</i>										
<i>Fraxinus am</i>										
<i>F. nigra</i>										
<i>Juglans cin.</i>										
<i>J. nigra</i>										
<i>Ostrya virg</i>										
<i>Populus gran</i>										
<i>P. tremul</i>			1					20	1	15 3 25 2 18
<i>Prunus serot</i>	2	25 2	2	1	1	2	1			
<i>Quercus alba</i>						160	460			
<i>Q. ellipsoid</i>										
<i>Q. macrocarpa</i>	35	40	160	160			130	170 25 45	210	240
<i>Q. rubra</i>					200					
<i>Q. velutina</i>	120 140	160 100	140 210 130	240 140 160	260 170 140	120 210 140	130 220			
<i>Tilia amer</i>										
<i>Ulmus amer</i>	2	2	1	2	3	2	3	3	350	1 350 1
<i>Ulmus fulva</i>										
<i>Robur pseudo</i>										110 1
	5, 8 40, 70	40, 45 30, 50	10, 170 15, 30	15, 30 40, 60	30, 45 25, 40	15, 10 18, 25	30, 20 15, 40	25, 11 8, 15	3, 10 5, 60	24, 35 50, 30
Distance	19, 11 8, 14	17, 24 24, 40	38, 41 15, 30	10, 21 26, 38	18, 48 19, 25	26, 24 32, 34	12, 18 20, 28	14, 14 15, 148	15, 35 18, 25	24, 32 50, 42
	45	35	30	90	50	0	40	90	75	0

1828

[illegible]

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1828

Ambrosia artemisiifolia

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus 46

Bidens sp.

Cerastium vulgatum

Chenopodium hybridum

Cirsium arvense

C. discolor

Cornus stolonifera

Dioscorea villosa

Elinus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi

Oxalis stricta 6

Panicum leibergii

Hedeoma pulegioides 6

Lathyrus alcyon

Arenaria lateriflora

Physalis heterophylla

Pilea pumila

Plantago sp. 26

Plantago lanceolata

Poa compressa

P. pratense 12510

Polygonum convolvulus

P. hydropiper 56

Prunella vulgaris

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca

Solanum nigrum

Solidago latifolia

S. caesia

Stellaria media

Taraxacum officinale 145679

Trifolium hybridum 10

T. pratense.

Achillea millefolium 6

Aster pilosus 6

Asclepias virginica 6, 10

Erechtites hieracifolia

Presence or Frequency
(Common species only)

Stand. no.
Quadrat no.

SOUTHERN UPLAND HARDWOODS

Adiantum pedatum
Arisaema grypscephala
Amphicarpa bracteata 1 4 7
Anemone quinquefolia
Anemonella thalictroides
Antennaria sp.
Aquilegia canadensis
Arisaema atrorubens
Aster sagittifolius
A. shortii
✓ Anthyrium filix-femina
Botrychium virginianum
Campanula americana
Carex albursina
C. pennsylvanica 2 4 7 9, 10
Caulophyllum thalictroides
✓ Celastrus scandens
Circaea quadrisulcata 6
✓ Cornus rugosa 9
Corylus americana
Cryptotaenia canadensis
✓ Desmodium glutinosum
Dodecatheon meadia
Erigeron pulchellus 3
Eupatorium purpureum
Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 2 5, 10
Galium aparine
G. concinnum 5
G. triflorum 7 8
Geranium maculatum 7 9, 10
Geum canadense 12 3 4 5 6 7 8
Hackelia virginica 2, 8
Helianthus strumosus
Heuchera richardsonii
Hydrophyllum virginianum
Impatiens capensis
I. pallida
Isopyrum biternatum
Lactuca biennis
Laportea canadensis 10
Monarda fistulosa
Osmorhiza clayton.

Osmorhiza longistylis
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta
Phytolacca leptostachya 4 5
Podophyllum peltatum
✓ Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex 1
Prenanthes alba
Ranunculus abortivus 5
R. recurvatus 5 9
Rhus radicans
Ribes sp. 3 9
Rosa so.
Rubus allegheniensis
✓ R. occidentalis
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria 7
S. marilandica
Smilacina racemosa
S. stellata
Smilax acutirrhata
S. herbacea
S. tamnoides
Solidago flexicaulis
✓ S. ulmifolia
Thalictrum dioicum
Toxaria virginiana
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
Viola cucullata 2 4 6 8
V. pubescens
Vitis aestivalis
Xanthoxylum americanum
Zizia aurea

P. serotinum 1 3 5 7 9
d. velutina 3
V. americana 3

UPLAND HARDWOOD GRAZING SPECIES LIST.

Stand location. _____

Stand No. 1828

Ambrosia artemisiifolia

A. trifida

Anemone cylindrica

Arabis canadensis

Arctium minus

Bidens sp.

Cerastium vulgatum 59

Chenopodium hybridum

Cirsium arvense

C. discolor

Cornus stolonifera

Dioscorea villosa

Elmus canadensis

Leonurus cardiaca

Lithospermum latifolium

Medicago lupulina

Milium effusum

Muhlenbergia schreberi

Oxalis stricta

Panicum leibergii

Physalis heterophylla

Pilea pumila

Plantago sp. 45

Plantago lanceolata

Poa compressa

P. pratense 234510

Polygonum convolvulus

P. hydropiper 14610

Prunella vulgaris 45

Rudbeckia hirta

Rumex acetosella

Scrophularia marilandica

Senecio pauperculus

Setaria glauca

Solanum nigrum 1

Solidago latifolia 1

S. caesia

Stellaria media

Taraxacum officinale 12345910

Trifolium hybridum 2310

T. pratense. 7

Xcelapha virginica 1267

Achillea millefolium

Pyrenanthus

Presence or Frequency
(Common species only)

Stand. no.
Quadrat no.

SOUTHERN UPLAND HARDWOODS

Adiantum pedatum
Arimonia grypsocsepala 4
Amphicarpa bracteata 3 1
Anemone quinquefolia
Anemonella thalictroides
Antennaria sp. 2
Aquilegia canadensis
Arisaema atrorubens
Aster sagittifolius
A. shortii
Athyrum filix-femina
Botrychium virginianum
Campanula americana
Carex albursina
C. pennsylvanica + 2 6 7 9
Caulophyllum thalictroides
Celastrus scandens
Circaea quadrisulcata
Cornus rugosa
Corylus americana
Cryptotaenia canadensis
Desmodium glutinosum
Dodecatheon meadia
Erigeron pulchellus
Eupatorium purpureum
Eupatorium rugosum
Festuca obtusa
Fragaria virginiana 2 4 8 10
Galium aparine
G. concinnum 3 4
G. triflorum
Geranium maculatum 13 4 9
Geum canadense 7 9 10
Hackelia virginica
Helianthus strumosus
Heuchera richardsonii
Hydrophyllum virginianum
Impatiens pensilvanica
I. pallida
Isopyrum biternatum
Lactuca biennis
Laportea canadensis
Monarda fistulosa 2
Osmorhiza clayton.

Osmorhiza longistylis
Panax quinquefolia
Panicum latifolium
Parietaria pennsylvanica
Parthenocissus inserta
Phryma leptostachya
Podophyllum peltatum
Polygonatum canaliculatum
Polygonatum pubescens
Potentilla simplex
Prenanthes alba
Ranunculus abortivus 9 10
R. recurvatus 10
Rhus radicans
Ribes sp. 4
Rosa so.
Rubus allegheniensis
R. occidentalis
R. strigosus
Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
Smilacina racemosa 2
S. stellata
Smilax ecirrhata
S. herbacea
S. tamnoides 1
Solidago flexicaulis
S. ulmifolia
Thalictrum dioicum
Toxaria virginiana
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
Viola cucullata 2 5 6 7 10
V. pubescens
Vitis aestivalis 7
Xanthoxylum americ.
Zizia aurea

C. ovata 7

Q. velutina 2

U. americana 2 7

P. serotina 7 9

Aster pilosus 4 7