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Site 1159: Brodhead, Green County, Township 1N, Range 9E, Section 8. 1948-05-16

[s.l.]: [s.n.], 1948-05-16

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IV

FOREST SURVEY

STATION RECORD

1159

See No 100 For original Data sheet.

Stand No: ~~1032~~ Name: ~~Spring Grove Woods~~ not Spring Grove
 County: Green - Springdale T: 1N R: 9E Sec: 8 NE Locality: Brodhead
 Date: May 16, 1948 Observers: A. & M.C.
 Size of Stand: 18 acres Size of Area Sampled: 20 pts - 20' x 20' quad
 Forest Type: Maple-Basswood Soil Type: ~~Knox~~ Loam
 Topography: Slight N Slope

Condition of Stand: Slight cutting

also visited by M. Hale
See him

Open Grown Trees: absent

Stumps:

- | | |
|----|-----|
| 1. | 6. |
| 2. | 7. |
| 3. | 8. |
| 4. | 9. |
| 5. | 10. |

Soil Patch Has soil sample. G. 20

Sample No:	pH	N	P	K	Colloids	Vol/wt	WHC
A ₀	—	—	—	—	—	—	—
A ₁	7.5	—	70	200	—	—	80.3
A ₂	—	—	—	—	—	—	—

Depth Characteristics (Color, texture, etc.)

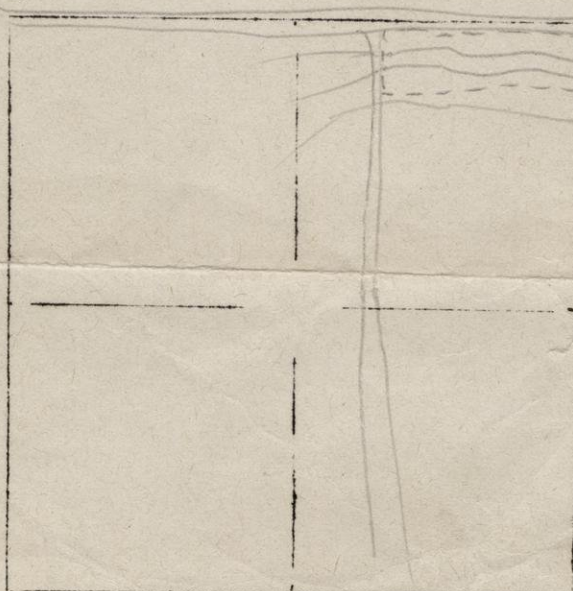
- A₀ .5
 A₁ 10-11
 A₂ _____
 B _____

Parent Material:

Remarks:

Very deep A₁ 10"-11" -
Looks like Prairie Profile

Map Sec. 8



D. Archibald & W. W. ...
detached here study in these woods.

162

1948

Tree	#		Size Cl. sq in.			# Sap	#/Seed	F.% Seed	F.% Tr.	D.% Tr.	Dom % Tr.	D F D Index	C.I.	Station No.
	Pts	Tr.	-80	-320	:321									
Acer rubrum														Total Length of Transect.
A. sacchar.	13	15	$\frac{9}{473}$	$\frac{6}{1194}$		1667	8	40	36.1	37.5	38.9	112	1120	
Carya cord.	3	3	$\frac{2}{90}$	$\frac{1}{249}$		339	4	20	8.3	7.5	9.0	25	212	Total Area of Transect.
C. ovata														Ave. Dist. Btw'n Trees
Fagus gran.														Saplings/unit area
Fraxinus am														Ave. BA (Total BA \div 80)
F. penn.														99.3 sq. in.
Juglans cin														No. Trees/acre
J. nigra														Dom./acre
Ostrya vir.	2	2	$\frac{2}{73}$			73	1	5	5.6	5.0	1.9	12	96	
Populus gr.														
P. tremuloi														
Prunus sero														
Quercus al.	1	1	$\frac{1}{71}$			71			2.8	2.5	1.6	7	28	
Q. macrocar														
Q. rubra														
Q. velutina														
Tilia amer.	5	5	$\frac{3}{143}$	$\frac{2}{297}$		440			13.9	12.5	11.9	38	285	
Ulmus amer.														
U. fulva	9	11	$\frac{6}{376}$	$\frac{5}{882}$		1258	4	20	25	27.5	33.3	86	602	
Celtis occid.	3	3	$\frac{2}{40}$	$\frac{1}{86}$		126			8.3	7.5	3.4	19	152	
Totals			$\frac{16}{1266}$	$\frac{25+15}{2708}$		3974 X			✓	✓	✓	✓	2495	

Hardwood Survey (cont'd)

Station No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
Trillium cernuum																								
- T. flexipes																								
T. grandiflorum																								
- T. recurvatum			✓	✓			✓										✓	✓	✓	✓				35
Triosteum perf.																								
- Uvularia grandif.																								
U. sessilifolia																								
Vaccinium canad.																								
Veronica serpyll.																								
Veronicastrum vir.																								
Viburnum acerifol.																								
V. affine																								
V. lentago																								
V. trilobum																								
Vicia americana																								
- Viola cucullata		✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓					60
V. incognita																								
- V. pubescens	✓	✓	✓		✓		✓		✓				✓		✓									40
Vitis aestivalis																								
V. a. var. argent.																								
V. riparia																								
- Zanthoxylum amer.																								
Aster lateriflorus																								
Carex sp. ^{narrow leaved}	✓		✓								✓		✓								✓			25
Carex sp. ^{broad leaved} <u>albimanus</u>											✓										✓	✓		10

I - on E-W slope
Very little clming -
Some cutting -
Considerable Hackberry.

Hardwood Survey (Cont'd)

STATION NO.	p.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	No	Fz			
SHRUBS & HERBS (Cont'd)																										
Symplocarpus foetidus																										
Taenidia integ.																										
Taxus canadensis																										
Thalictrum dio.	✓																									
Thaspium aureum																										
Tradescantia oh.																										
Trientalis borealis																										
Trillium cernuum																										
T. flexipes	✓													✓							✓	2	10			
T. grandiflorum																										
T. recurvatum	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓	16	80	
Triosteum perf.	✓																				✓			1	5	
Uvularia grandif.	✓		✓					✓																2	10	
U. sessilifolia																										
Vaccinium angustifolium																										
Vaccinium canad.																										
Verbena urticaefolia																										
Veronica serpyll.																										
Veronicastrum vir.																										
Viburnum acerifol.																										
V. affine																										
V. lentago																										
V. trilobum																										
Vicia americana																										
Viola conspersa																										
Viola cucullata	✓											✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	7	35	
V. incognita																										
V. pubescens	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	14	60
Viola sagittata																										
Vitis aestivalis																										
V. a. var. argent.																										
V. riparia																										
Woodsia ilvensis																										
Zanthoxylum amer.																										
Zizia aurea																										
Additional sp.																										
Carex M. L.	✓		✓					✓								✓		✓	✓	✓	✓	✓	✓	3	25	
Carex N. L.	✓											✓										✓	✓	3	15	

IV

FOREST SURVEY

STATION RECORD

~~1032~~
1159

Stand No: ~~1032~~
County: Green
Date: May 7, 1949
Size of Stand:
Forest Type:
Topography:

Name: ~~Spring Grove~~
T: 10 R: 9E Sec: 8 Locality:
Observers: R. Brown, J.C. RMC
Size of Area Sampled: 20pts, 201mquad.
Soil Type:

Condition of Stand:

Open Grown Trees:

Stumps:

- | | |
|----|-----|
| 1. | 6. |
| 2. | 7. |
| 3. | 8. |
| 4. | 9. |
| 5. | 10. |

Soil

Sample No:	pH	N	P	K	Colloids	Vol/wt	WHC
A ₀ _____	---	---	---	---	-----	---	---
A ₁ _____	---	---	---	---	-----	---	---
A ₂ _____	---	---	---	---	-----	---	---

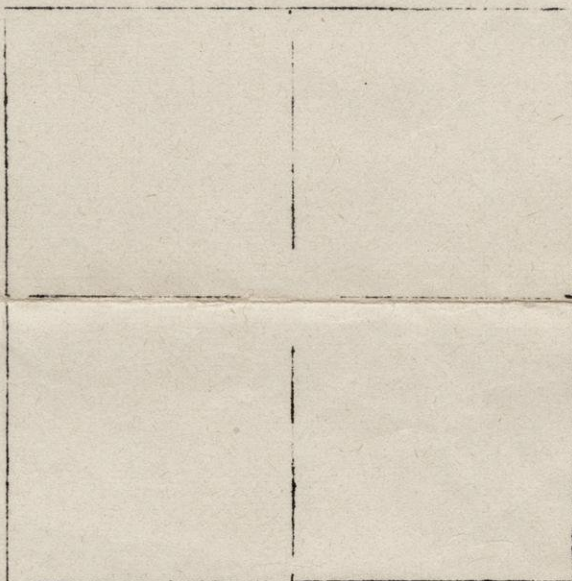
Depth Characteristics (Color, texture, etc.)

- A₀ _____
- A₁ _____
- A₂ _____
- B _____

Parent Material:

Remarks:

Map



Tree	:No. No. Size Class sq. in.			D.D.							:Station No. 1159		
	:Pts.:Tr.	:12-80:	81-320:	321+ :	Dom:	Sap.:	Seed:	Seed:	Tr.:	Tr.:		Trees:	Index:
Acerrubrum													Total Length of Transect
A. saccharum					81.7			32.9	43.5	51.1	127.5	127.5	127.5
Carya cord.					2.6								Total Length of Transect
C. ovata CELTIS OCCID.					1.7			2.3	1.7	1.0	5.0	40.0	Ave. Dist. Btw'n Trees
Fagus grand.													
Fraxirus amer.													Saplings/unit area
F. pennsylvani.													Ave. BA (Total BA: 80)
Juglans cinere.								5.7	4.3	7.8	17.8	124.6	No. Trees/acre
J. nigra													
Ostrya virgin.					4.3			10.2	8.7	1.4	20.3	182.7	Dom./acre
Populus grand.													
P. tremuloides													
Prunus serotin					1.7			1.1	1.7	1.2	4.0	14.0	
Quercus alba													
Q. macrocarpa													
Q. rubra								4.5	3.5	7.6	15.6	93.6	
Q. velutina													
Tilia american.					1.7			18.2	4.8	10.6	43.6	248.8	
Ulmus american:					2.6			4.5	3.5	2.4	10.4	79.0	
U. fulva					3.5			19.3	7.4	13.9	50.6	404.8	
U. THOMASI								1.1	0.9	0.6	2.6	?	
Totals		80											

9,709

2974
(3)

2562.5
+
U. THOMASI

