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Site 1197: Albion Oak Opening, Dane County, Township 5N, Range 12E. 1952-08-28

[s.l.]: [s.n.], 1952-08-28

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STAND RECORD

FORESTS

Stand No. 1197

Name: Albion oak opening

Locality:

County: Dane

T: 5N R: 12E Sec:

Date: August 28, 1952 Observers: Bray

Size of Stand: 15-20 acres

Size of Area Sampled:

Forest Type: oak opening

Soil Type:

Topography: level

Slope:

Directions

Condition of Stand:

compenable to low prairie

good

Some cutting but apparently only of
wind or disease damaged or killed trees.
much wind breakage of limbs

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

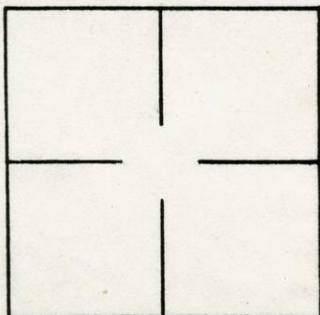
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

Map:



Albion 1

1197

Tree	No.	No.	No.	Pts.	No.	F.	D.	F.	F.	D.	Dom.	I.	C.	I.
	Pts.	Tr.	Dom.	Sap.	Sap.	Sap.	Sap.	Seed	Seed	Tr.	Tr.	Trees	I.	C.
Acerrubrum														
A. saccharum														
Carya cord.														
C. ovata														
Celtis occiden.														
Fagus grand.														
Fraxinus amer.														
F. lanceolata														
F. pennsylvani														
Juglans cinere														
J. nigra														
Ostrya virgin.														
Populus grand.														
P. tremuloides														
Prunus serotin														
Quercus alba														
Q. ellipsoidalis														
Q. macrocarpa	20	40								100	100	100	300	1
Q. rubra														
Q. velutina														
Tilia american														
Ulmus american														
U. rubra														

Ave. Dist.
Btw'n Trees

Ave. BA
(Total
PA ÷ 80)

656 621.5

No. Trees
Per acre

15.4 (a.)

Dom. per
acre

10, 102

MI-3.0

Tree	No. : Pts.:	No. : Tr.:	No. : Dom.:	No. : Sap.:	No. : Sap.:	F. % : Sap.:	D. % : Sap.:	F. % : Seed:	F. % : Seed:	D. % : Tr.:	Dom. % : Tr.:	I. I. :	C. I. :		
Acerrubrum															
A. saccharum															
Carya cord.															Ave. Dist.
C. ovata															Btw'n Trees
Celtis occiden.															
Fagus grand.															
Fraxinus amer.															Ave. BA
F. lanceolata															(Total
F. pennsylvani															PA ÷ 80)
Juglans cinere															587.6
J. nigra															No. Trees
Ostrya virgin.															Per acre
Populus grand.															22.9
P. tremuloides															Dom. per
Prunus serotin															acre
Quercus alba															13,419
Q. ellipsoidal															
Q. macrocarpa	20	40						100	100	100	300				
Q. rubra															
Q. velutina															
Tilia american															
Ulmus american															
U. rubra															

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1197

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra										
Ostrya virg	area covered									
Populus gran	12052	2145	1,082	1,897	754	1,102	1,894	1,375	1,783	860
P. tremul	1052				14	8	13		11	
Prunus serot	69	58	57	56	60	47	79	62	62	46
Quercus alba	E 34 1/2 S 52	52 56 3/4	E 43 540	48 1/2 60	E 41 52 1/2	44 1/2 47 1/2	54 1/2 54 1/2	52 40 1/2	57 48	34 1/2 41 1/2
Q. ellipsoid	116° 111°	105° 111°	102° 84°	100° 151°	106° 22°	88° 9°	123° 20°	108° 101°	110° 16°	88° 91°
Q. macrocarpa	91° 720	71° 720	68° 720	82° 340	52° 680	58° 500	96° 760	86° 780	58° 600	47° 560
Q. rubra	101° 110°	91° 104°	101° 90°	84° 98°	22° 108°	24° 112°	111° 120°	111° 116°	18° 104°	91° 50°
Q. velutina	S 52 1/2 E 29 1/2	55 1/2 49 1/2	51 1/2 42 1/2	52 1/2 43 1/2	54 1/2 50 1/2	40 32 1/2	56 60	60 56	35 1/2 36 1/2	11 13
Tilia amer	62	58	47	53	62	64	73	69	58	25
Ulmus amer	1,060	1,694	357 1/2	489	1,598	15	2,185	2,185	12	93
Ulmus fulva						842			842	
Distance	49	54	72	56	93	52	54	43 1/2	66	41

area covered by canopy

height of tree

width of canopy in 2 directions

angle to top at 50 ft

height of limb

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1197

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra										
Ostrya virg			1,398							
Populus gran	1,564	895	1,051	1,718	752	1,683	1,524	1,400	1,039	727
P. tremul	21		11	15	14			74		
Prunus serot	66	55	57	55	55	53	53	55	47	51
Quercus alba	48 50 1140 400	35 38 1000 915	43 50 1020 150	45 58 1060 240	132 36 1000 220	59 42 980 91	547 50 980 114	44 49 1060 230	38 42 900 114	24 43 960 125
Q. ellipsoid	840 960 452 452	700 400 915 725	940 540 150 1000	900 750 58 575	440 540 110 110	560 600 124 920	660 780 200 800	70 570 230 1250	520 490 104 780	520 410 61 1060
Q. macrocarpa	144 760 39	44 40 402	43 402	80 800	45 45	49 30	59 43	54 53	59 26	38 31
Q. rubra	144 760 39	44 40 402	43 402	80 800	45 45	49 30	59 43	54 53	59 26	38 31
Q. velutina	144 760 39	44 40 402	43 402	80 800	45 45	49 30	59 43	54 53	59 26	38 31
Tilia amer	1,341	1,146	1,146	2,186	1,465	939	13	14	1,167	769
Ulmus amer										
Ulmus fulva										
Distance	78 1/2	87	54	72 1/2	39 1/2	39	58	36	45	50

average
diameter
44.0

16, average

average
diameter
65.6first line
11 ftaverage
55 ft
height

Dec 10 496

190.4

55.5 ft

index 2569 $\frac{656}{55} = 11.9$ 56

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1197

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra										
Ostrya virg										
Populus gran	1,296	1,319	1,296	971	1,018	450	1,510	1,444	1,624	1,257
P. tremul		17	15							
Prunus serot	41	61	79	85	79	39	55	47	73	51
Quercus alba	454 442 560	45 47 1080	432 46 1250	362 41 1300	432 354 1250	442 85 760	49 472 1000	47 462 900	50 50 1200	44 44 960
Q. ellipsoid	12 520 580	310 490 380	250 560 640	164 580 980	104 430 660	104 220 120	144 600 620	114 640 840	104 600 560	124 390 520
Q. macrocarpa	104 1100	114 1100	104 1160	84 1100	124 80	104 70	94 1200	14 920	14 930	174 1000
Q. rubra	472 582	42 50	50 37	53 62	58 52	45 484	47 484	51 80	50 234	56 42
Q. velutina	62	62	69	62	41	35	74	48	48	55
Tilia amer	1,784	1,375	1,219	2,115	2,037	1,414	1,471	2,781	873	1,565
Ulmus amer										
Ulmus fulva										
Distance	47	43 1/2	50	2 1/2	42	63	43	47 1/2	49	57

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1197

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata										
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra										
Ostrya virg										
Populus gran		346	1,226	1,295	1,641	1,676	1,572	1,134	990	727
P. tremul	890	18								13
Prunus serot	35	71	58	67	44	47	57	47	45	58
Quercus alba	31 43	32 14	53 34	48 43	25 38	55 46	50 48	54 45	31 46	42 25
Q. ellipsoid	70 94	118 84	104 124	114 74	80 124	88 104	102 104	88 12	86 84	104 210
Q. macrocarpa	420 54	290 720	960 290	780 680	780 410	660 560	700 520	600 620	500 700	600 660
Q. rubra	84 100	340 1660	164 600	54 800	104 1000	104 809	164 1309	84 940	164 1100	144 900
Q. velutina	30 43	32 28	27 32	58 68	44 36	38 40	52 32	47 154	50 48	39 41
Tilia amer	55	58	30	41	55	41	85	50	62	47
Ulmus amer		18								
Ulmus fulva	859	585	388	2,584	1,039	990	1,146	1,399	1,562	1,053
Distance	50	15 1/2	41	56	34 1/2	60	69	32 1/2	58	37

14064

254

24/acre

586
55 = 10.6

46

First
11.4ba
5864
55