



LIBRARIES

UNIVERSITY OF WISCONSIN-MADISON

Site 1848: Dane County, Township 7N, Range 12E, Section 20. 1957-09-01

[s.l.]: [s.n.], 1957-09-01

<https://digital.library.wisc.edu/1711.dl/FYC76AZOYFLB38B>

This material may be protected by copyright law (Title 17, US Code).

For information on re-use see:

<http://digital.library.wisc.edu/1711.dl/Copyright>

The libraries provide public access to a wide range of material, including online exhibits, digitized collections, archival finding aids, our catalog, online articles, and a growing range of materials in many media.

When possible, we provide rights information in catalog records, finding aids, and other metadata that accompanies collections or items. However, it is always the user's obligation to evaluate copyright and rights issues in light of their own use.

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1848

Name:

County: Dane

Date: Sept. 1

Size of Stand: 50

Forest Type: Oak, white blued

Topography:

Locality:

T: 7N

R: 12E

Sec: 20

Observers: ETC

Size of Area Sampled: 20

Soil Type: S. & T. 10 am

Slope:

Directions:

Condition of Stand:

Occasional fire from brush burning
some cutting + oak will die off.
49 head 40 are for last 6 yrs.

Open Grown Trees:

Stumps:

1.

4.

7.

10.

2.

5.

8.

11.

3.

6.

9.

12.

% Canopy:

Soil Data:

	pH	N	P	K	Ca	Mg	Org. Mat.	Colloids	W.H.C.
A ₀									
A ₁									
A ₂									
B									

DEPTH

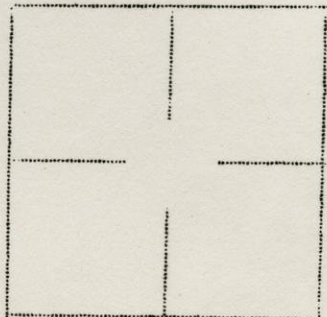
CHARACTERISTICS (Color, Texture, Structure, etc.)

A₀A₁A₂

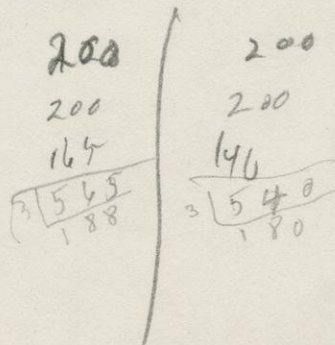
B

Parent Material:

Map:



Air permeability



POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1848

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.	1	1								
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot										
Quercus alba		120	200		120 260 240 140	740	85 140 200 190	260 340 35		
Q. ellipsoid										
Q. macrocarpa		35		180 65		25				85 160 35
Q. rubra										
Q. velutina	340 180 230	120 340	240 180 160	220 170		260 190		110	420 28 60 180	500
Tilia amer										
Ulmus amer					1	1				
Ulmus fulva										
Juniper	1	2	2	1						
Acer negundo	100									
	45/50	50/100 90	100/60	100	50	100				
Distance	20,125 24,100	50,170 43,48	50,73 30,75	42,40 20,33	50,3 21,29	47,28 26,23	33,2 3,23	28,33 35,40	23,48 50,40	5,22 30,50
	0	0	0	0	90	10	95	0	0	20

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1848

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord			cf 8 240							
C. ovata										
Celtis occ										
Crataegus sp.					1	1	1	2	1	2
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin.										
Salix nigra J. nigra						35				
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot								25		
Quercus alba	55 40	220 160 120 55	220	260 180 260	160 80				25 270 240 260	240
Q. ellipsoid										
Q. macrocarpa	130 460				800	800	260 200 400			
Q. rubra										
Q. velutina							840	800		180 290
Tilia amer										
Ulmus amer			75	12	35		2	1	1	
Ulmus fulva		1	1	1	1					
J. n. oer Acer negundo		1	1			235 240	1	18		65
	45	70, 80	70	100	40, 100	50, 100	10, 35 100, 100	15, 75 700	40, 80 40, 70	30, 40 25, 70
Distance	11, 40 35, 40 0	35, 10 8, 46 10	50, 50 50, 70 0	12, 30 40, 38 0	17, 27 75, 33 0	40, 35 40, 60 0	20, 23 20, 18 45	25, 3 40, 23 65	100, 23 37, 50 0	75, 45 75, 40 0

Sap.

42

1848

Tree	No. : :Pts.:	No. : :Tr.:	No. : :Dom.:	No. : :Sap.:	No. : :Sap.:	No. : :Sap.:	No. : :Seed:	No. : :Seed:	No. : :Tr.:	No. : :Tr.:	No. : :Trees:	No. : :I.I.:	No. : :C.I.:	No. : :C.I.:
Acerrubrum														
A. saccharum														
Carya cord.	1	2	280						2	2	1.7	5.7	49.0	
C. ovata														
Celtis occiden.														
Fagus grand.														
Fraxinus amer.														
F. lanceolata														
F. pennsylvani														
Juglans cinere														
J. ^{supra vix.} nigra				10	14		41							
Ostrya virgin.														
Populus grand.														
P. tremuloides														
Prunus serotin	1	1	25						2	1	0.1	3.1	11.2	
Quercus alba	13	31	5695						31	39	34.7	104.7	376.9	
Q. ellipsoidalis														
Q. macrocarpa	8	14	3635						19	17	22	58	58	
Q. rubra														
Q. velutina	11	22	6135						26	27	37.4	90.4	226.	
Tilia american														
Ulmus american	3	3	122	5	6		17		7	4	0.7	11.7	53.8	
U. rubra				4	4		12							
C. estegus				8	10		29							
Salix nigra	1	1	35						2	1	0.1	3.1	3.1	
Acer negundo	4	6	478						9	7	2.9	18.9	18.9	
	42	80	16,405											

Ave. Dist.
Btw'n Trees

34.
1294

Ave. BA
(Total
BA ÷ 80)
205

No. Trees
Per acre
33

Dom. per
acre
6765

101

10201

4.344/acre

18%
corn

796.9

34

Upland Hardwood Grazing Species List

- Achillea millefolium 39
 Agrimonia gryposepala
 Acalypha virginica 1245789
 Amphicarpa bractata 7
 Ambrosia artemisiifolia *aculeata*
 A. trifida *vert. 10*
 Antennaria spp.
 Arabis canadensis
 Arctium minus 8
 Bidens spp. 2
 Cerastium vulgatum 7 *Cryptotaenidia* 789
 Carex spp. 18
 Chenopodium hybridum 7
 Cirsium arvense
 C. vulgare 12345678910
 Corylus americana
 Elmus canadensis
 Erigeron annuus
 E. phil. 36
 E. pulchellus
 Fragaria virginiana 124579
 Galium opacinnum
 Geranium maculatum 15
 Geum canadense 8
 Hackelia virginica
 Lactuca canadensis
 Leonurus cardiaca
 Medicago lupulina
 Monarda fistulosa
 Panicum spp.
 Physalis heterophylla
 Plantago spp. 1245678910
 Poa compressa
 Poa pratense 12345678910
 Polygonum avicularis
 P. hydropiper 8
 Potentilla canadensis
 P. simplex
 Prunella vulgaris 23
 Phleum pratense 23
 Rumex
 Setaria glauca 24
 Solanum nigrum 8
 Solidago latifolia 23410 *canadensis*
 Stellaria media
 Taraxacum officinale 12345678910
 Trifolium repens 23469
 T. pratense
 Verbena stricta
 V. urticifolia 246910
 Vitis riparia 58 *sauvage*
 Viburnum rot. 7 *gr. 7*
 Hordeum jubatum
 Juncus tenuis
 Viola cucullata 1234689
 Phytolacca 15
 Ranunculus abortivus 3
 Verbena stricta 24
 Oxalis stricta 247
 Hedysarum 22
 Red top 34910
 Euphorbia supina 710
 Mulanbergia virginica 347810
 Lysichiton 21624
 Digitalis 410
 Prunella serotina 4
 Nepeta cataracta 58
 Cornus rugosa 5
 Prunella virginica 5
 Juncus 7
 Ribes 2168
 Rubra 2168
 Rosette *Senecio pauperculus*
Gerrate leucocarpa
Wassberg calata 49
 Aster novae-angliae 910

1848

Upland Hardwood Grazing Species List

Achillea millifolia 3
 Agrimonia gryposepala
 Acalypha virginica 13 45 6 9 10
 Amphicarpa bractata
 Ambrosia artemisiifolia
 A. trifida
 Antennaria spp. 3 neglecta
 Arabis canadensis
 Arctium minus 8
 Bidens spp.
 Cerastium vulgatum 8
 Carex spp.
 Chenopodium hybridum
 Cirsium arvense 9
 C. vulgare 13 4 6 7 8 9
 Corylus americana
 Elmus canadensis
 Erigeron annuus 6 7
 E. phil. 2
 E. pulchellus
 Fragaria virginiana 19
 Galium concinnum 4 7
 Geranium maculatum 6 8
 Geum canadense 5 8
 Hackelia virginica
 Lactuca canadensis 6
 Leonurus cardiaca
 Medicago lupulina
 Monarda fistulosa
 Panicum spp.
 Physalis heterophylla
 Plantago spp. 13 4 6 8
 Poa compressa
 Poa pratense 12 3 4 5 6 7 8 9 10
 Polygonum avicularis
 P. hydropiper 8
 Potentilla canadensis
 P. simplex
 Prunella vulgaris 5 10
 Phleum pratense 6
 Rumex
 Setaria glauca

clover total
 7

Aster mori angale 7

Viburnum 8

Solanum nigrum
 Solidago latifolia canad. 15 16
 Stellaria media 8
 Taraxacum officinale 13 5 6 8 9 10
 Trifolium repens 3 8 10
 T. pratense 5
 Verbena stricta
 V. urticifolia 2 8
 Verbascum Thapsus 1

Hordeum jubatum
 Juncus tenuis
 Ranunculus abortivus 8
 Redtop 1
 Rubus 2 11 4
 Ricinus 14 7

Linum Vulgare 15 6
 Oxalis 15 8
 Napata catensis
 Euphorbia supina 2

Digitalis 2
 Ranunculus acris 2
 Viola cuc 23 4 5 6 9 10
 Hedysarum 3 5
 mulenberry 3 7 9

Juncus 3
 Virginica crum 3

U. Amer 10

Rhus glabra
 Physalis lept. 5 7
 Prunella serotina
 Prunus vit 7
 Dioscorea 7
 Rosa spp 8