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Site 1231: Paoli Oak Woods, Dane County, Township 5N, Range 8E, Section 1, NE 1/4. 1953-07-10

[s.l.]: [s.n.], 1953-07-10

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STAND RECORD

FORESTS

Stand No. 1231

Name: Pooli Oak woods

Locality:

County: Dane

T: 5 N R: 9 E Sec: 1 NE 1/4

Date: July 10 1953

Observers: Curtis, Cottam

Size of Stand: ? More than 40 acres

Size of Area Sampled: 10 acres

Forest Type: Black oak, Bur oak

Soil Type:

Topography: Moderate slope

Slope:

Directions SW

Condition of Stand: Probably once grazed, but not recently.
 little cutting. A good low under woods. Slipping
 elm saplings abundant, especially on North West
 end.

Mo Distance 5 trees/point 10 points

Open Grown Trees: present - Bur oaks

% 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									

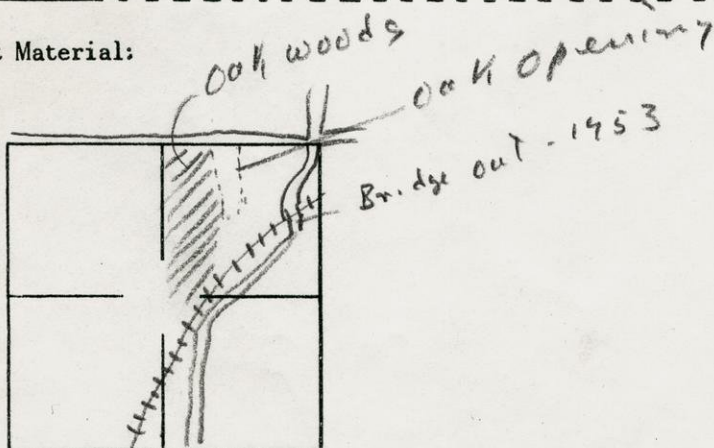
DEPTH

CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	-----
A ₁	-----
A ₂	-----
B	-----

Parent Material:

Map:



Paoli Oak Woods

1231

Tree	No. :Pts.:Tr.	No. :Tr.	Size Class	sq. in.	No. :Dom:	F.% :Sap.	F.% :Seed:	D.% :Seed:	Dom.% :Tr.	D F D :Tr.	Index:	Station No.
Acerrubrum												Total Length of Transect
A. saccharum												Total Length of Transect
Carya cord.												Ave. Dist. Btw'n Trees
C. ovata												Saplings/unit area
Fagus grand.												Ave. BA (Total BA: 80
Fraxinus amer.												127
F. pennsylvani.												No. Trees/acre
Juglans cinere.												Dom./acre
J. nigra												
Ostrya virgin.												
Populus grand.												
P. tremuloides												
Prunus serotin	1	1	1		30		5.3	2.0	0.5	7.8	35	27.3
Quercus alba	2	2	1	1	190		10.5	4.0	3.1	17.6	4	70.4
Q. macrocarpa	7	14	7	9	173		36.8	32.6	27.9	97.3	1	97.3
Q. rubra												
Q. velutina	9	30	9	21	427.5		47.3	61.2	68.8	177.3	2	354.6
Tilia american.												
Ulmus american.												
U. fulva												
Totals	19	80 49			622.5		99.9	97.9	100.3	300		

C i = 550

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No. 1231

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata									100	
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglans cin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot				30						
Quercus alba						30	160			
Q. ellipsoid										
Q. macrocarpa	75 30 55 120	160 35	13 140	130			230	120 220	45 28 140 190	
Q. rubra										
Q. velutina	140	240 210 120	120 270 330	80 80 220	170 150 60 125 65	110 130 170 90	110 240 170	270 80 250	65 25 110 35 70	
Tilia amer										
Ulmus amer										
Ulmus fulva										
Distance										

1
30
2
190
7
16
1751
9
30
4275

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No. 1231
Quadrat No.

Actaea pachypoda
Adiantum pedatum
✓ Agrimonia gryposepala
Allium tricoccum
Amphicarpa braceata
Anemone quinquefolia
A. virginiana
Anemonella thalictroides
Antennaria sp.
Aplectrum hiemale
✓ Apocynum androsaemifolium
Aquilegia canadensis
Aralia nudicaulis
A. racemosa
Arenaria lateriflora
Arisaema atrorubens
Asarum canadensis
Aster macrophyllus
✓ A. sagittifolius
A. shortii
Athyrium filix-femina
✓ Botrychium virginianum
Brachyelytrum erectum
Campanula americana
Carex albursina
✓ C. pensylvanica
Caulophyllum thalictroides
Celastrus scandens
✓ Circaea quadrisulcata
Claytonia virginiana
Cornus alternifolia
✓ C. femina
C. rugosa
✓ Corylus americana
Cryptotaenia canadensis
Cypripedium pubescens
Cystopteris fragilis
Dentaria laciniata
Desmodium glutinosum
D. nudiflorum
Dicentra cucullaria
Dodecatheon meadia
✓ Dryopteris spinulosa
Erigeron pulchellus
Erythronium albidum
Eupatorium purpureum

Eupatorium rugosum
✓ Festuca obtusa
✓ Fragaria virginiana
Galium aparine
G. circaeazans
G. concinnum
G. lanceolatum
✓ G. triflorum
✓ Geranium maculatum
Gerardia grandiflora
✓ Geum canadense
Goodyera pubescens
Habenaria bracteata
✓ Hackelia virginica
Hamamelis virginiana
✓ Helianthus strumosus
Hepatica acutiloba
✓ Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
Hystrix patula
Impatiens capensis
I. pallida
Isopyrum biternatum
✓ Lactuca biennis
Laportea canadensis
✓ Lathyrus ochroleucus
Lonicera prolifera
✓ Lysimachia quadrifolia
Maianthemum canadensis
Menispermum canadensis
Mitella diphylla
✓ Monarda fistulosa
Orchis spectabilis
Oryzopsis racemosa
✓ Osmorhiza clayton.
O. longistylis
Osmunda claytoni
Panax quinquefolia
Panicum latifolium
✓ Parietaria pennsylvanica
✓ Parthenocissus inserta
Phlox divaricata
✓ Phryma leptostachya
Podophyllum peltatum
Polemonium reptans

Polygonatum canaliculatum
Polygonatum pubescens
✓ Potentilla simplex
Prenanthes alba
Pteridium aquilinum
✓ Pyrola elliptica
Ranunculus abortivus
R. recurvatus
R. septentrionalis
Rhus radicans
Ribes americanum
✓ R. cynosbati
R. missouriense
✓ Rosa sp.
✓ Rubus allegheniensis
✓ R. occidentalis
R. strigosus
✓ Sambucus canadensis
Sanguinaria canadensis
Sanicula gregaria
S. marilandica
✓ Smilacina racemosa
✓ S. stellata
Smilax ecirrhata
S. herbacea
S. tamnoides
Solidago altissima
S. flexicaulis
S. ulmifolia
Thalictrum dioicum
Tovara virginiana
Trillium cernuum
T. flexipes
T. grandiflorum
T. recurvatum
Triosteum perfoliatum
Uvularia grandiflora
Veronicastrum virginicum
Viburnum acerifolium
V. rafinesquianum
✓ Viola cucullata
V. pubescens
Vitis aestivalis
✓ V. riparia
Xanthoxylum americ.
Zizia aurea

Additional species:

Amorpha
Cornus umbellata
Ceanothus
Lithospermum concinnum
T. discolor
Am. cylindrica
A. laevis
Rhus glabra
Vicia pedata
Antennaria
Chimaphila
Quercus sp. (various)

Juniper
Carya ovata
Prunus serotina
Ulmus fulva
White Birch, Black
Am. Elm
Chokeberry