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Site 1152: Waukesha County, Township 6N, Range 17E, Section 15. 1951-07-17

[s.l.]: [s.n.], 1951-07-17

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Woods herb sheets

Data Form No. 20

Plant Ecology Research

Univ. of Wisconsin

STAND RECORD

FORESTS

Stand No. 1152

Name:

Locality:

County: *Waukesha*

T: *6N* R: *17E*

Sec: *15* SE $\frac{1}{4}$ of NE $\frac{1}{4}$

Date: *7/17/51*

Observers: *Bray, Libbman*

Size of Area Sampled:

Size of Stand:

Forest Type:

Soil Type:

Topography: *Black oak open with cedar*

Slope:

Directions

Condition of Stand:

Poor; apparently formerly grazed; cut

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

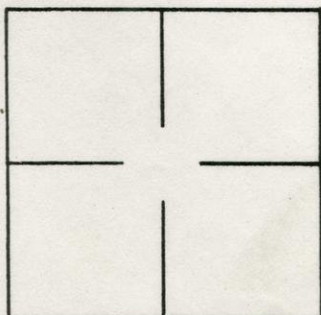
CHARACTERISTICS (Color, Texture, Structure, etc.)

A ₀	<i>1"</i>	<i>leaves</i>
A ₁	<i>3"</i>	<i>slight leaching - black loamy sand</i>
A ₂	<i>3"</i>	<i>slight leaching</i>
B		

Parent Material:

Loamy sand, very fine

Map:



Stand #1152, Bray, July 1951, Waukesha Co. T:6N, R:17E; S:15, 20pts. Black Oak Opening. - Cut & Grazed.

Tree	No. : No. :	No. Pts. : No. :	F. % : D. % :	F. % : F. % :	D. % : Dom. % :														
	Pts. : Tr. :	Dom. :	Sap. :	Sap. :	Sap. :	Sap. :	Seed :	Seed :	Tr. :	Tr. :	Trees :	I. I. :	C. I. :						
Acerrubrum																			
A. saccharum																			
Carya cord.																			
C. ovata	2 2	85							6.0	5.0	1.8								
Celtis occiden.																			
Fagus grand.																			
Fraxinus amer.																			
F. lanceolata																			
F. pennsylvani																			
Juglans cinere																			
J. nigra																			
Ostrya virgin.																			
Populus grand.																			
P. tremuloides	2 2	98							6.0	5.0	2.0								
Prunus serotin	1 1	20							3.0	2.5	0.4								
Quercus alba	2 3	110							6.0	7.5	2.3								
Q. ellipsoidalis																			
Q. macrocarpa	6 7	1760							18.1	17.5	37.4								
Q. rubra	1 1	240							3.0	2.5	5.1								
Q. velutina	17 22	2329							51.5	55.0	49.6								
Tilia american																			
Ulmus american																			
U. rubra																			
Juniperus virginiana	2 2	52							6.0	5.0	1.1								
	33 40	4694							99.6	100.0	99.7								

Ave. Dist.
Btw'n Trees
439/20 = 21.95
x.80
17.6

Ave. BA
(Total
BA ÷ 80)
4694/40 = 117.35

No. Trees
Per acre
140.63

Dom. per
acre
16502.34

Ave. Dist.
Btw'n Trees
439/20 = 21.95
x 80
17.6
Ave. BA
(Total
BA ÷ 80)
4694/40 = 117.35
No. Trees
Per acre
140.63
Dom. per
acre
16502.34

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata			30							
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran										
P. tremul										
Prunus serot	1		2	3			1	2	20	2
Quercus alba					35 40					
Q. ellipsoid										
Q. macrocarpa						440	120 230			200
Q. rubra										
Q. velutina	150 120	130	2	35 40		110		160	70	180
Tilia amer										
Ulmus amer										
Ulmus fulva										
Jun. Virg.	2	12	2	2	1	4	4	3	40	2
Distance	17.5	19.5	14	16	13	35	24	36	37	11.5

POINT RECORD TREES

SOUTHERN HARDWOODS

Stand No.

STATION NO.	1	2	3	4	5	6	7	8	9	10
Acer rubrum										
A. saccharum										
Betula papy.										
Carpinus car										
Carya cord										
C. ovata			55							
Celtis occ										
Crataegus sp.										
Fagus grand										
Fraxinus am										
F. nigra										
Juglanscin										
J. nigra										
Ostrya virg										
Populus gran			75	23						
P. tremul			75	23	2					
Prunus serot	2	1	3						1	1
Quercus alba						35				
Q. ellipsoid										
Q. macrocarpa		240			330				200	
Q. rubra										240
Q. velutina	40 50	25		280	14	2	55	310 80	35 110	170 90
Tilia amer										
Ulmus amer			1							
Ulmus fulva										
Jun. virgin	2	3		2	2	4	4	4	3	3
Distance	15.5	40	14	33	8.5	10	17	25	23	30

Presence or Frequency
(Common species only)

SOUTHERN UPLAND HARDWOODS

Stand No.
Quadrat No.

Actaea pachypoda
Adiantum pedatum
✓ Agrimonia gryposepala
Allium tricoccum
✓ Amphicarpa braceata
Anemone quinquefolia *patens*
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. circaeans
G. concinnum
G. lanceolatum
G. triflorum
Geranium maculatum
Gerardia grandiflora
Geum canadense
Goodyera pubescens
Habenaria bracteata
Hackelia virginica
Hamamelis virginiana
✓ Helianthus strumosus
✓ Hepatica aetifolia *amer*
Heuchera richardsonii
Hydrastis canadensis
Hydrophyllum virginianum
Hystrix patula
✓ Impatiens capensis
I. pallida
Isopyrum biternatum
Lactuca biennis
Laportea canadensis
✓ Lathyrus ochroleucus *venosus*
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 *arguta*
✓ 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 *vulpina*
Xanthoxylum americ.
Zizia aurea

Additional species:

P

Euphorbia corollata
Rubus black

Elm
Vatica
dibica

Amelanchier sp. Helianthus
Heiracium long.
SP

Presence List
(Uncommon species)

SOUTHERN UPLAND HARDWOODS

Stand No.

Locality:

County:

Sec:

T:

R:

Date:

Observers:

Size of Stand:

Size of Area Sampled:

Condition of Stand:

Type:

- | | | |
|--------------------------------------|-------------------------------------|------------------------|
| Acalypha rhomboidea | Erigeron philadel. | Physocarpus opul. |
| Agastache scrophul. | Erythronium americ. | Phytolacca americana |
| Allium canadense | Evonymus atropur. | Pilea pumila |
| ✓ Amorpha canescens | Floerkea prosperp. | Polymnia canad. |
| Anaphalis margarit. | Fragaria vesca | Polypodium vulgare |
| ✓ Anemone cylindrica | ✓ Galium boreale | Prunella vulgaris |
| Arabis canadensis | Gaultheria procumb. | Pteretis pensylvanica |
| A. laevigata | Gaylussacia baccata | Pyrus coronaria |
| A. lyrata | Gentiana quinquef. | P. ioensis |
| A. perstellata | Geum virginianum | Ranunculus fascicul. |
| Aralia hispida | Hedeoma hispida | R. rhomboideus |
| Arisaema dracont. | Hepatica americana | ✓ Rhus glabra |
| ✓ Asclepias ovalif. <i>syriaca</i> | Heracleum maximum | R. typhina |
| A. exaltata | Hieracium canad. | Rubus hispidus |
| ✓ Aster azureus <i>linariifolius</i> | H. scabrum | R. pubescens |
| A. simplex | Hydrophyllum append. | Rudbeckia laciniata |
| A. prenanthoides | Hypoxis hirsuta | Salix sp. |
| Athyrium thelypter. | Ilex verticillata | Sambucus pubens |
| Boehmeria cylindr. | Juncus tenuis | Saxifraga pennsylv. |
| Botrychium multif. | Juniperus communis | Scrophularia lan. |
| Bromus purgans | J. virginiana | S. marilandica |
| Camptosorus rhizop. | Krigia biflora | Senecio pauperculus |
| ✓ Carex convoluta | Lathyrus venosus | Silene stellata |
| ✓ Ceanothus americ. | Lilium philadel. | Solanum nigrum |
| Chimaphila umbell. | Liparis liliifolia | Solidago speciosa |
| Cirsium altissim. | ✓ Lobelia cardinalis <i>spicata</i> | Staphylea trifolia |
| Clematis virgin. | Lonicera dioica | Streptopus roseus |
| Clintonia boreal. | L. hirsuta | Symplocarpus foet. |
| ✓ Comandra umbellata | Luzula acuminata | Taenidia integerr. |
| Conopholis americ. | L. multiflora | Taxus canadensis |
| Corallorrhiza mac. | Lysimachia ciliata | Thalictrum dasycarp. |
| Corydalis semperv. | L. hybrida | Thaspium aureum |
| Cynoglossum offic. | Milium effusum | ✓ Tradescantia ohio. |
| Cystopteris bulbif. | Mitchella repens | Uvularia sessilif. |
| Desmodium cuspidatum | Monotropa uniflora | Vaccinium myrtilloides |
| D. canadense | Onoclea sensibilis | Veronica serpyllif. |
| Dicentra canad. | Oryzopsis asperif. | Viburnum lentago |
| Diervilla lonicera | Osmunda cinnamomea | V. trilobum |
| Dioscorea villosa | Oxalis violacea | ✓ Vicia americana |
| Dirca palustris | Panax trifolium | Viola conspersa |
| Elymus villosus | Paronychia canad. | V. incognita |
| Epifagus virgin. | Pedicularis canad. | ✓ Wulfenia bullii |

Additional Species: