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About the Institute
The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library’s activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.
MEMORANDUM BOOK

R-210-Open Side
R-211-Open End
E. Lucy Braun
2702 May St.
Cincinnati, O

Lewis Co
May 1933
Gallipolis, Ohio, Oct. 25
Harrison
" 21, 1933
Oldenburg, Ind., Oct. 27
Crittenden, Ky., Nov. 10, 1934
Glycyphis Evergreen 3 4 7 22 20 28

1 1/2 pine of Hamilton - cross run 1 1/2 m. then right 8 3/4 m. and right 6 m. 3 m.
Tanneberg - Kinnsjöge
Y-267-33
br. Distelkraut & modell.

Chesleia abundant in open s.祈祷

Neesanne-
Ferns Osmand clingt
Atrantum sub fem
Plystich
Patopy
Aspl. f

Arum comm.
Hymenocera
Collomini
Schidera rufa
Cernus.
Wlaz, F. cl. = gewicht
Aer.
Smilax erecta
Cyperaceae
Ageratina
Rheum
Paris elecampane
Sparaxis

Open slopes—SRK

North Slope Mois
Trested, Peg Bean

Mixed meadow
in open
shrub

Buck maple
Basswood
White elm

Perennials:
Chionanthus
Chimonanthus
above bend, miss cot.

Termo very smooth
Polyg.  
ap-may
Adiantum
Theas.
Aspil.  
Vernus elyt

Hydrom.
Tollobigel

Robinia tree in here

Finally, chestnut
smooth as more
bland, though gray
us cot.

Finally, within less
than 100 ft, mist of
summit, chestnut
leaves,
red maple (still
some more)
almost at top,
2. prince
alas up imp.
Bridg. 1/2 stem
2. prince
2. cec\-
S-SW slope
Oak forest

2. coccine
chestnut
red maple
upland

Mt. Laurel
Dr. Arbuckle
Mckee res
road
stone
fay

Red Bridge  r-29-33

Tulip - more low
hemlock brook
1000 ft.
set back on hill
+ nearer brook

Maga Top
Sleep rock

Aspen
Handel
Rilmer
Moga
Flat

Rice iris, elder, mug.

Red maple, Bob cat, elm
3. maple, beech
tulip
southern red maple
black walnut
black locust
black locust
magnolia
olive
oak
hyph. mor.

Beech

Aconitum

Antirrhinum
Rudbeckia
Brunnera
Buddleia
Gunnera

Magnolias, honey, azalea, rhododendron
Spots in Morton's orchard in Gallipoli.

Evac.

Evergreen

7 arms 2 mi. east
4 turn right

"Poplar Core"

1/2 mi. E. of Hanbranch
cross r.v. 1/2 mi. turn
right 1/2 mi. S. in
left fork in High Rock
"Poplar Core" is under "D".

Blue Pacho, Richland Co., Ky.
Cedar where buffalo
were. Magnolia Park.

Notes taken in C. & O. R.R.:

From beyond Mayernell
to beyond Quincey, mostly
fine forest. Composition
depends on slope - mixed
meadows, type; beech promin-
ent. No indication
of effect of Cedarville as
in opposite (Ohio) slope.
First part of fine
reproduction, join beyond
Quincey. Pitched y e fine
beemess from beyond
Quincey. No hemlock
e or magnolia visible.
Morton's Woods
near Gallipolis
Oct. 20, 1924

Pidge & upper stage:
White oak ### ### ### ### ###
### ### ### ### ### ###

Chesnut oak ### ### ### ###
Carya alba ### ###
" glabra ###
Walnut 1

Black oak ### ### ###
Carya cordyla ### 1
Red oak 1
Carya ovata ###

Understory: -

Osage orange 91
Black locust, redbud
Osage orange, Celastrus
ash tree, sumac

Dogwood, haw
daphne
Amelanchier

Red bud abounds; in flocks

Herbaceous
Cleome, Sedum tenn.,
Aster, phlox, beard amaranth
Gallardia
Phlox, or. (Beattie),
Phlox sub.
Galium 4

Among middle size trees
shrubbery very partial.

Where, often (due to hard trees)
stragglers, I dispersed about.

Where a pidge broadens.
flattens property 7

ike oah where
Secondary at end of ridge; cherry, big balsam, red hawthorn, red sumac, chicory, clover, red brome, clover, mustard, yellow foxglove, red clover, horseweed, blackberry, buckwheat, maple, birch, red maple, black cherry, white oak, chestnut, mockernut hickory, white oak, black oak, maple, birch, horse chestnut, bay willow, pitch pine, red maple, red oak, black cherry, blackberry, sugar maple, beech, nyssa (see next page for tulip poplar part of these slopes).

Understory: maple, hawthorn, mulberry, ash, sassafras, dogwood, pokeweed, white oak, black oak, black cherry, blackberry, sugar maple, beech, nyssa.
Pine, upper part, essentially north side.

(8-12 ft. Tulip)

Tulip III III III III III III III

W. Oak III

Nepeta II

Red elm

Carya nucia

Ash II

Pineapple

Walnut

Beech

Red oak

Understory has more shrubs.

Ginger

Honeymyrtle

Herniaria graeciflora

Sarcocornia

Salicornia

Hydrangea

Crepis

Piglet

Oxalis

Small area where no big trees, coming up mostly to tulip.
<table>
<thead>
<tr>
<th>Species</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tulip</td>
<td>12</td>
<td>3</td>
<td>5</td>
<td>3</td>
<td>24</td>
<td>6</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Oak</td>
<td>1</td>
<td>2</td>
<td>7</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ash (Cut)</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td>2</td>
<td>5</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beech</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Walnut</td>
<td>1</td>
<td>5</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red Oak</td>
<td>1</td>
<td>3</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beech</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ch. Oak</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. P. Tree</td>
<td>1</td>
<td>4</td>
<td>3</td>
<td></td>
<td>2</td>
<td>1</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buckeye</td>
<td>1</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hackberry</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General northeastern slope, summerized.**
Ridge B - mostly old secondary
past hickory with
less white than
primaries (some red
with white primaries)
more hickory than primary
Digitized by Hunt Institute for Botanical Documentation
app. raving slope
snow mess going up xanded land (after rain)

leech IIII
pp. rash
stitch
ash I

George
Katharine
Adventures
Polig US

Aster macrophyllus

Grum. up ravine
Habit of lemon pears

wh. rash IIII IIII 1
ash 1
stitch III
beech III
C. catesbaei
C. alba (alba)

Arist. serp.
Phegopteryx
paria

Chorouf
<table>
<thead>
<tr>
<th>Plant</th>
<th>Generalized for n. to n.e.</th>
<th>Morton's marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quercus rubra</td>
<td>8</td>
<td>11</td>
</tr>
<tr>
<td>beach</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>tulip</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>ch. oaks</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>hickory</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>ash</td>
<td>1</td>
<td>—</td>
</tr>
<tr>
<td>C. ovata</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Additional notes: (written in cursive)
Another descent this into particularly flimsy valley.
Descend East Ridge (Valley opens toward south)

Wh. vea III 14
Trilop III
Ash 14
O. ovata
O. mupa

Some wood / Smuland Paper

Underlying:
O. mupa
Drying
Reed Creek
Ilm Iugh

Drop to a number of moderate size O. mupa. Indications of advance toward more mesic foot.
plunk
Accident on another slope
(wh. val. about 10 ft)

wh. val. 1
wh. val. 1
ash 1

Fig. 1

\[
\text{Crataegus}
\text{blackberry}
\]

Geranium

Going into deeper part of valley

wh. val. 1
Cali* 1
ash 1

\[
\text{Cranberry}
\]

Last descent
S.W. not east

S.W. not S.W.

Upper S.W. - dual

West

Left

S.W. not east

My name

My number

My name
Digitized by Hunt Institute for Botanical Documentation

Digitized by Hunt Institute for Botanical Documentation
Forest as a whole, must show close relationship to slope with consequent localization of species and local dominance of different species.

Directions for reaching forest:
(Not of 11 and 160, post)
On 160, past Children's home to first road (gravel, narrow), about 2 miles in this side road, road runs into through woods.

Enters woods in ravine.

Some climb to ridge top; crosses ridge's drapes abruptly into another ravine.
All points in notes from ridge crest as standing points.
Gallipolis, Gallia Co., Ohio, to Huntington, W.Va. on this side of river
Hills on both sides of river have large stands of o. maples, forest of maple tapers north and south.

Low lands up from floodplain: beech, maple, buckeye, etc.

E. maple even on southern slope (This side) in old gallery stands

On floodplains: service, maple, willow, cottonwood

Marginal

Mostly cult. but peculiar trees: beech, cherry, carya (canna)

West Virginia side along Huntington slopes almost all wooded. Just above Huntington not good. evidently will cut a cliff down as unknown line for a mile or more
<table>
<thead>
<tr>
<th>Tree</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd ptc trees</td>
<td></td>
</tr>
<tr>
<td>White Oak II</td>
<td>9</td>
</tr>
<tr>
<td>Carya ill. II</td>
<td>7</td>
</tr>
<tr>
<td>B.allei II</td>
<td>6</td>
</tr>
<tr>
<td>Ch. val. II</td>
<td>2</td>
</tr>
<tr>
<td>S. major II</td>
<td>2</td>
</tr>
<tr>
<td>C. ovata II</td>
<td>2</td>
</tr>
<tr>
<td>Red Oak II</td>
<td>1</td>
</tr>
<tr>
<td>C. reniformis II</td>
<td>2</td>
</tr>
<tr>
<td>Mulberry II</td>
<td>1</td>
</tr>
<tr>
<td>Chestnut II</td>
<td>1</td>
</tr>
<tr>
<td>Oak. II</td>
<td>1</td>
</tr>
<tr>
<td>Understory</td>
<td>20</td>
</tr>
<tr>
<td>B. maple</td>
<td></td>
</tr>
<tr>
<td>B. lutea</td>
<td></td>
</tr>
<tr>
<td>Beech</td>
<td></td>
</tr>
<tr>
<td>Dogwood</td>
<td></td>
</tr>
<tr>
<td>B. latif.</td>
<td></td>
</tr>
<tr>
<td>Cherry</td>
<td></td>
</tr>
<tr>
<td>Poplar</td>
<td></td>
</tr>
</tbody>
</table>

No Tulip except where often due to dead trees from windfall.
Bloodroot
D. sprucei
Sol. calicus
White Phacelia
Potentilla

Chrysospermum
(at Condor rutlege, small)
10 (3)

Ch. var. III
Black Dock III
Tulip II
White var.

11

Euphorbia

Under ent. Aspen
3 maple

A. p. (3)
Ch. var. III, III, - III
Irish var. III
L. var. III
Pinkphyne III
Ge var. III, III
C. globosa
Lans of the
Amel

14
6
6
6
2
6
3
41
Back in core again, climbing toward Angora.

Lilies 11
White oak 111
Chestnut 11 11
Chickash 11 111 11
Nypress 11
Red oak 11
Ophiopogon 1
Carex gracilis
Buckeye 1 (at edge of bank) 11

Much Ophiopogon
Red maple

More lac.

Ipomoeas

Understory: 0 ft

Brydenia
Beech
Red maple
Sume oak

Portions of slope made up to oak woods.

Patch of Seneca Wild Oats, Polytrichum, and others.

In Atlantic 2 lace, about

Going up:

Ch oak 11 111 1
Black oak 1
Chestnut 11 111
Pitch pine 11
Holly, larch (10)

11
Sizes of Trees:

Mortonia Woods, Gallipolis
1. tulip: 9 ft. 8 in.
2. : 11 ft. 7 in.

White oak (on north slope)
10 ft. 3 in.

"Poplar Cove", Hancehill

White oak: 15 ft. 1 in.
forrest tulip:
just below chisel: 20 ft. 6 in.
high fork just above crotch: 12 ft. 3 in.
May 1932
1. SW from ridge
   25 02 11
2. Into valley toward Pine mtn ridge 1/25 11
3 1/2" m 30

4 1/2" m 22 - SW
Chiefly pitch pine

pitch pine & red pine
5. Mechanica
3.2

6. ½ m 11:15

7. ½ m 16-

8. ½ m 3-2

11. Group

12. Beach 12 ft ground

6 ft white vase in lower part of high back hača
Mr. Meyer, W.r.
Oldenburg, Germany
Oct. 27, 1989

1. South of Road

2. Abies
3. Quercus
4. Liriodendron
5. Lonicera
6. Viburnum
7. C. glabra
8. C. ovata
9. Rhus
10. Ulysses
11. Lepidostrobus
12. Cryptomeria
13. Carya
14. Swinburne
15. True
16. False
17. More

2.02
In general more fully forest under 9 acres.

To winds very ridge and much

mosse & Cladonia

Hedera

Cupressus & Lonicera

Actaea Mulleiflora

Antennaria

Buch prevails in such spots, + Hyper

Trees on these spots not common.

Back of pond, 1st field presents

Narrow ridge

0th

tulip

blue val 1

hyssop 1

beech 1

Some smaller beech

Ridge windswept & mossy

Another narrow ridge

beech 1

blue val 1

tulip 1

red oak 1
Mesv. part
Understory less dense
than in feath. wood
Access Road

Ferns are Polystichum
Adiantum, Pity,
Asplenium

Shrubs are Bescia
Viburnum, Callicarpa

Understory is
Beech, maple, ash

Leaf, Laurel, Rhodora

In less steep areas
Very mes. species:
4 Beech Primus
Birch 17.7
3 Maple 11
3 Tulip 111
Red elm 1

More later: haircut making
Ravine in general goes
Toward NE

Metella on slope
Aristolochia
Adiantum
Sol. latif
Across sign of range
in trat below in
general facint 5
just as mead

beech 4, 6, 2, 4
maple 11
lilac 1
red elm 1
ash 1
red oak 1
wh oak 1

with ferns in
bit arenit

Enter again from
field or natunge
look down side of
into core (must)

beech 1
ash 1
walnut 11
red elm 1
blue ash 1
huckleberry
s maple 1
wh oak 1

(big walnut core)
(9 ft 6 in)

Oura
<table>
<thead>
<tr>
<th>Species</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beech</td>
<td>113</td>
</tr>
<tr>
<td>Tulip</td>
<td>56</td>
</tr>
<tr>
<td>Oak</td>
<td>13</td>
</tr>
<tr>
<td>Hickory</td>
<td>33</td>
</tr>
<tr>
<td>Nyssa</td>
<td>12</td>
</tr>
<tr>
<td>0, Maple</td>
<td>1</td>
</tr>
<tr>
<td>Red Oak</td>
<td>9</td>
</tr>
<tr>
<td>Red Oak + 0</td>
<td>3</td>
</tr>
<tr>
<td>Ash</td>
<td>1</td>
</tr>
<tr>
<td>Beech + 0</td>
<td>4</td>
</tr>
<tr>
<td>Cotoneaster</td>
<td>2</td>
</tr>
<tr>
<td>Ch. Qu.</td>
<td>1</td>
</tr>
<tr>
<td>Ch. Red</td>
<td>1</td>
</tr>
<tr>
<td>Ch. Blue</td>
<td>1</td>
</tr>
<tr>
<td>Ch. Ind.</td>
<td>1</td>
</tr>
<tr>
<td>Sages</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>270</td>
</tr>
</tbody>
</table>
General—

Roger's words less if myself type than nearer so, and last + point. Be to much more important Buckeye absent
Basswood absent, except small tree mallard flat

In general, proportion of take higher me ridge than elsewhere, except has on some ridge, near present

Area on illinois drift apparently here quite steep, so nothing but drift exposed in ravine. Material limbs in color, with considerable very fine sand.

Directions for reaching:

- U.S. 52 to 8 miles west of Brothville (or just before bridge one Whitewater River) and turn left on Ind. 229
- To Oldenburg; through Oldenburg to p. w. edge of town

- To Lawrenceburg: 4.7 to Batesville; turn right
- To Oldenburg; just 1 half of edge of town take road to left; right fork at Y; continue 2 miles; turn road turns right do not take steps bike straight ahead to end Batesville
Nov 10
Lloyd Preserve
Dwight, Ky. T. 167
A. 37
B. 23
C. 9

Beech  III  III  III  III  III  III  III  III  III  III  III  III  III
Sh. Oak  III  III  III  III  III  III  III  III  III  III  III  III
C. glabra  II
P. ovata  III
Red Oak  III
Black m.  III  III  III
A. Maple  III  III  III  III  III  III  III  III  III  III  III  III
Walnut  III  III  III
Basswood  III  III  III  III
Ash  III  III  III
Elm  III
Ch. Oak (muh.) III  III
Hickory  III  III
Understory, large
Birch, Walnut, Sm. map.
Ch. Oak, Hickory, P. shad.
Elm, Hackberry, ash
Speckbush, Celastrus
Ep. ulmar
dogwood
maple
grape

Hydrantia
Ginger
Fruct. valerni
thym. uri
Sedum

More ash on nursery
al-few small large
uneven, together round
number

also scattered here
ch. box even in room

On Rb. 17 Mr. Quimby
Pendleton Co.
(May) 27

very strongly disagree
to the graphly

ridge + upper slope
old bench, shrub + box tree
linden, pec. w. walnut
s. maple + tress, etc,
in random shr. floors
fruitwood + esp. oak

ach. oak, cherry p. edge
aside of ashes.

Wh. oak to cotton g. edge
Sph vendelium om

oh slope; haymlet

In understory

fr. oak, red + bl oak

c. alish, cordif, glabra

liger, s maple

bl. oak

Lower north slope mostly

bush; occ. p.m. + oak

Top of south slope

mod. ch oak

South of Pinemore 17

(SW)

A slope, pyramiding

val. w. Oak all.

over a tree; ft. m. a little bush.

South of Nicholas

on a steeply slope, steep

along a creek (first

south of a point at 4

dtext. Prairg with

val.}
Oct 27, 1934
Eldenburg, Indiana
33 1/4 miles
6:17" 142X8 11:13X8
Oct 20 + 21, 1934

Gallipolis to Huntinggon, Kanawha 390 miles.

Gas, 20 gal. @ 19¢ = 3.80
Hotel 3.00
Bridge Toll 1.30
On meals 2.15

9.25

Oct 27, 1934

Oldenburg, Indiana 134 miles.

Gas, 4 1/2 gal. @ 17¢ = 11.23

Fractional hours for 52.4 miles, 1/2 x 1/2, 0.01 = 0.01

Total $11.53
Nov 10. Cruttenden
64 miles,
3 1/2 gal @ 17 c = 60
Bridge toll = 30
= 90