



Hunt Institute for Botanical Documentation
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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.

PERFECTION

**NOTE
BOOK**



No. M 524

JUNIOR SIZE

20

Entered on cards ^{Branch}
three Nolan's see yellow papers

ELUCY BRAUN
2702 MAY ST.
CINCINNATI, O.

Summer 1935-III

6-28- Middletown - Pennington
gap - Partridge

6-29-

July 6-7

6-30-

18 - Joe Day

7-1-

9 - Black Mt.
Summit

- 2 Painesville - Crockett - Beverly

3 Nolan's Branch

4

5 Beverly - Painesville - - -

Entered in check list

7-3, three 1st col of
Area 2.

7-4

6-28-35

Middleford - Pennington
gap, Va., - Harlan, Ky -
Partridge

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6-25-35

va. side of Cumb. Mt -
m.m., but no basswood
Cliff 1/2 way up has
some cedar

Lower hills at base -
m.m., with beech & rh. oak

out a ways - a l.s. area
with cedar & the usual
l.s. herb. flora - Monarda,
Ascle. tub., etc

l.s.

Rolling plateau at
east base of Cumb. Mt.
with sinkholes

much walnut rh. oak
Rocks still dipping

as in mt., but less pronounced?

Past Talling Water
+ " Rose Hill, Va.
Lower Cumberland Mt.
mt. includes the
summit cliff &
not quite so steep
- more variety of
trees & lacks the
summit pines -

Less chestnut

Tulip scattered throughout

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Lower range of hills
M.M. n. occ. basal
much Tulip; some
beech, etc.
(hills higher here)

Near to Pennington Gap
more remnants of M.M.

From Pennington Gap,
follow Powell River
thru (Cumberland) Mt.
^{Stone Mt.}

Then some more mts
with dipping strata +
the general Pine + Cumber-
land Mt. features -
pine in intergaps -
masses of Rhod. on the

rock. *Mitchella* &
moss mats.

(These strata become hor.)
Crummes Creek & thereabouts
all remnants of M.M.

& all the way to Harlan
all M.M. regardless
of slope.

When strata become
horizontal, the whole
becomes P.M. for no
longer are there shallow
soil areas nor deepening
~~cross~~ rock or upturned
edges of strata.

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The Mt. masses lower
& more cut up than
Big Black Mt. but
M.M. throughout -

On south exposures,
more white oak mixed
with beech instead
of the beech - m - l -
b - t mixture of
northerly slope, but
still, some hickory
& buckeye & s. maple
on south slopes unless
they are convex.

Apparently, the whole
geosyncline is M.M.
with interruption on
either side on steeply dipping
strata.

Pentstemon - same sp.
as on Millersburg Mt
in rocks near Harlan

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July 2 -

Pineville - Crockett
- Beverly

Along pr where
any indicator of
former forest - M.M.
regardless of slope
exposure. Basswood
seen on a S. slope
quite high.

Crockett - Beverly

M.M. except on the
ridge where ind.
are that forest was
Oak chestnut.

July 3

~~W. L. ...~~ Clay Co
Nolan Branch

1 mi. below lumber
camp on right

Red Bird River -
Syc. flats w.
sugar gum + Magn
Tree at ...

Lower slope most
down. level
with a sandy

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rich + varied
herb. flora -

Asplang A Platyrea
Cyp. frax Asp. across
B. ... Syc. tree
Polyp. Adiantum
Aspl. gold

Hydr. ^{phyllis} canadense
F. ... Anemone
C. ... Anemone
P. ... brodiaea
Asplenium v. ...
P. ...
Eup. ...
C. ...
Ran. ...
Urtica ...

Asarum canadense
 Stellaria media
 V. pistrata
 Menisperm
 turn leaf
 Psedera

Logan
 poplar
 Curpinus

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Trees	area I	90	20
beech		42	37
tulip		17	15
hickory		5.7	5
chestnut		8.8	7
Maple (sugar)		16	16
elm		2.3	2
walnut		1	1
ash		1	1
sh. hick		2.3	2
hick		1	1
chestnut		1	1
		88	

a clearing, breaking
 the sequence.
 a number of very large
 tulips -

There :- A nearly N slope
 Area II

basswood	###		7
hackberry	###		9
sourwood	###		7
tulip	###		8
walnut			1
chestnut			4
cucumber			1
birch			1
nyssa			1
			<hr/>
			39

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Soil dark, mature

	Asp. marg
Pilea	Aspl. goldie
Phacelia	" ang
Gutierrezia	Adiantum
Cimicifuga	Polygon
Impatiens	Phegop
Asarum can	blodroot
Juncus	Ornithog
Viola can	Epiloph
Yucca	Amphisp
Circaea	Menisp
Benzoin	Papav
Polypogon	Hydrun
Pseuder	Asplenica
Sedum	Collinsoni
Hydr. can	Stellari
Orchis spec	20 posicia
Hepatica	Phryma

blisp. x
~~blisp. x~~
 Lemok. hang
 Camp. ameh
 Mediola
 Smilax n?
 Aruncus
 bloodroot
 Trill. vitan
 Geranium
 Jark

297
 88

 385
 166

 92

 258
 39

 297

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Soil clayey

Slightly higher Area III

	###		30
Ch. oak	###	###	###
chestnut	###	###	###
tulip	###		25
maple			7
cucumber	###		3
birch	###		7
red maple			8
nyssa			3
Oxal			4
lysimod		red oak	1
Red Azalea		beech	1-2
Asp. on L			92

Desm. acumin. Amel
 var acerif. Inscrup
 Peltis W. Cypriped
 Galium lance. Clitonia

Asp. marg. To ground
 Psedra
 plincoms Cherry
 hb. acery
 Aren. melle. Usmint
 Adiant. Cynogl. br.
 P. lyp.

Curdery wood
 among slightly low
 Area IV

Chestnut IIII	6
ch oak IIII	6
Myosa II	2
l. oak I	1
beech IIII	4
tulip III	3
brake I	1
red maple I	1
	<hr/>
	24

lots of Osun.
 P. lyp. Asp. n. l.

Area V

getting more wood
 Area V

	28
	<hr/>
Chestnut IIII	6
s maple II	2
birch I	1
tulip II	2
beech IIII	3
wh oak IIII	5
red oak II	2
ch oak I	1
basswood 1-2 cucumber	1
hickory III-3	

Pyricularia
 Willa carol

Area VI

Beeswing		5
maple		1
Beech		21
Chestnut		6
Tulip		6
Hickory		2
Nyssa		3
White oak		4
Ch oak		1
Bl oak		1
Red maple		1
		<hr/> 46

Aspl. f. f.
 Medusa

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Forest sup
 Cypr. put

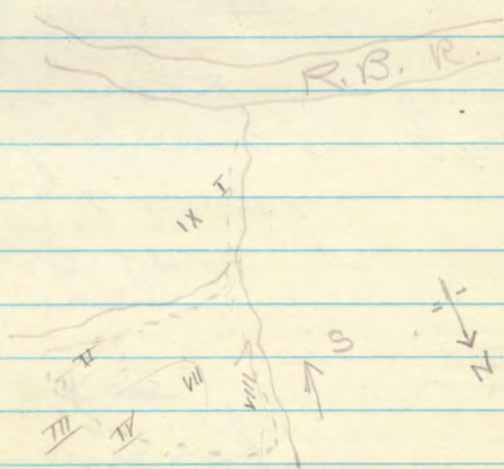
Beech tree, in
 crown safe,
 with moss on ground
 + vac. vac.
 red oak

Area VII

Seagr. from the		convert grey
Beech		5
Ch oak		1
Spine		2
Nyssa		1
Chestnut		2
		<hr/> 10

Amel.
 Placyst. laes

This amounts to a
V shape transect
circling a slope,
change, except one
higher type) due to
change in slope eff



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Forest while of big
trees, not the grand
columnar type of
the higher Cumulda.
The trees of the Cumulda,
like the Smokic -
the trees of these forests
much like ours, though
larger
Those of the beech
ridges relatively small

Coming down passage
from lunch
(Area VIII)

white oak III	5
beech I	1
nyssa I	1
tulip III	3
maple II	2
chestnut I	1
baswood I	1
	<hr/>
	14

(*Passiflora lutea*)

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Slope is NNE (Area IX)

Going up slope from
below clearing:

beech III IIIIII II	17
tulip III III I	11
hackberry III I	6
maple III	5
baswood II	3
butternut I	1
nyssa I	1
	<hr/>
	44

Leaf, herb. veg.
nut fern,
tulip 13-14 ft

Aspl. ang	Benzoin
Adiantum	Arist. parf
Asp gold	Smilax sp
Cyst frong	Yates cord
Aspl herbs	Cynomy
Eup. water	Psedu
Wineleaf	
Pilea	
Amphicarpa	
Culcaea	
Thaunell.	
Lappula	
Polygon. virg	
Phalyma	
Jack	

Common spot - Polyg. sag

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Steep slopes of
Red Bird R.

Some hemlock + Fir gum
with the beech.

Also Bot. virg.

mechanica

Evon. amer

Where cliffs along river
more hemlock +
Rhododendron.

(Krugia)

7-24-35 Bell Co
 Over Fork just
 above school

Rocky lower slopes
 beech - MM. SW slope

Viola rostr	Krugia
Phlox div	Jacks
Ran. leaf	Honest purp +
Sedum Phlegm	Longe
Viola, acut	begin
Adeanti	red agale
Aspl. arist	Cynogl. big
Aspl. platyn	Flora card
Antenn plant	Aezylasc. bell
Asp. n. l.	Aster unclad
Senecio V. l.	Eup. purp

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Gerani	Anem big
blowroot	Wrist. serp

Canopy:-	Under:-
Beech	dogwood
s maple	spidendre
butternut	redbud
red oak	mulberry
hickory	hackberry
tulip	sh b hicko
walnut	tulip
	Amel
	Cucumber
	wh oak

Herbs, com

Sol. caesen	Hamamelis
Smilax	Pilea
Erigeron	Galium - ?
Asplenella	W. palmetto
Mimulus	Callensonia
Arist. serp	Diocorea
	Evony am

Misc. plants

- Cassia maraya
- Galinsoga
- Ludwigia palustris

- Add areas. I + IX
- " III + IV
- " V + VI
- " V, VI + VIII



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$$88 \overline{) 37.00} \quad (42.0$$

$$\underline{352}$$

$$180 \quad 88 \overline{) 7.00} \quad (7$$

$$\underline{176} \quad \underline{616}$$

$$40 \quad 840$$

$$88 \overline{) 13.00} \quad (17$$

$$88 \overline{) 6.20} \quad 88 \overline{) 5.00} \quad (5.$$

$$\underline{616} \quad \underline{440}$$

$$4 \quad \underline{600}$$

$$88 \overline{) 16.00} \quad (18$$

$$88 \overline{) 7.20}$$

$$\underline{704}$$

$$16$$

$$88 \overline{) 2.00} \quad (2$$

$$\underline{176}$$

$$240$$

$$\underline{176}$$

$$640$$

Areas I+IX				%
beech	37	17	= 54	41
tulip	15	11	26	20
smaple	16	5	21	16
buckeye	5	6	11	8.3
hassard	7	3	10	8
cucumber	2		2	1.5
sh b hick	2		2	1.5
hickory	1		1	.7
butternut		1	1	.7
walnut	1		1	.7
ash (smooth)	1		1	.7
chestnut	1		1	.7
nyssa		1	1	.7
	<u>88</u>	<u>44</u>	<u>132</u>	

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132) 54.00 (40.9
528
 1200
 1188

132) 26.00 (20
260
 132

132) 21.00 (16
280
 792
 132) 11.00 (8.3
1056
 440

132) 10.00

132) 2.00 (1.5
132
 680
 660

924

July 5

Muller's

Red Bird - Crockett
add

Polypodium serotinum
Hepatica round
Botany, very

R.R. up Straight Creek
all M.M. except as
modified locally by
massive sand

In one place almost
vert. exp. with very
few trees of any sort.
These are mostly pine;
also Rhod.

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Barbourville, south to
Althens, 2 1/2 mi.
Crossed a flat, remnants
of ancient glacial terraced
Tribut. ditch along stream
Higher valley flat -
Spent with 4 per. gum

Going west from
Barbourville to
Dickman Springs

Cross lower portion of
Cumberland

All M.M.

Beech prominent,
bracken

lots of trees, scattered
in older Indiana

stands, & also
many young pine
stands.

These mt obvious
outlines of lumbering

Flats are sev. green, etc.

Stinking Creek, bet.
Barlowville & Pennington

Flats + NW slopes

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III cont'd. K43

11. On side of cement. Mt

12 Orange rufous

IV. = K44

1. Starting out from
Crocketts - just follow
the track

2. Red Bird R. at Beverly
with a "tide"

3. And the reason why
denuded mt

4. A SW slope above
Nolan Branch,
showing gradation from
tulip L oak - pine/elm
on road

- 5- 2 big tulips in
a clearing
- 6- Red Bird R. at
Nolan's Branch
7. High water in
Poor Fork at Mullins
7-6-35
8. Parsons branch
cut a trench.
9. Joe Day Branch
from lowest part
of ridge in Creech's
pasture.

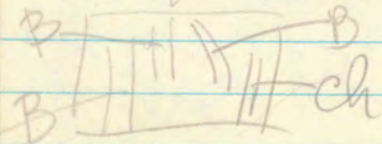
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- 10+11 Joe Day Branch
from 1st fork in
Creech's pasture
Shows ridge between
forks joining River
Ridge at right
12. Pine Mt. Scuttles
gap south of Creech's
place below
- V = K45
- 1+2 Panorama of Joe
Day Branch from
high point on River
Ridge around to higher
pt on mt. & from "
" " " around to north
- 3+4. Ridge between
2 branches of Joe Day

from lower back
through glens
hollows at
bottom and high
part of ridge below
the beech saddle.

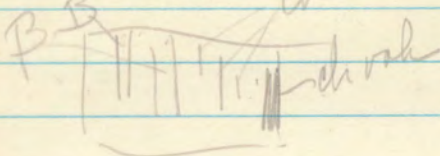
5. "The meadow" from
the river

6. Beech-ch. slope
with Kalmia



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7. Beech-Kalmia
on slope below beech
saddle ch



a Rhod torreyi + behind
1st beech + one half way
to first beech + rest
Kalmia

8. *Trautvetteria*
on Black Mt

9. Ridge top path of
1908 & 1932 sections
showing effects of
dead chestnuts.

July 21-
Joe Day Branch

Upper part of Rhod -
Polygonia verticillata

Polygonia vert. in woods
along slopes near creek
(rain shelter)

Ch. out - chestnut-beech
Pheasant
Asp. rh
Hiracium pan
10 1/2 ft ch out

n. slope on from
best saddle
Orchis sp.
Cynogl. var.
Arist. marit.
Phacelia
Anemone
Anemone
Cercaria
Aster
Galium luteum (purple)

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7-9-33

Black Mt summit
road

Parts are oak-chestnut
with mixed lower
layers

Certain sandstone
parts are oak-chestnut
with *Kalmia* & other
herbs

S maple comes to
top on all except
conifers.

On flat of summit
s. maple sometimes
grows over summit

On north slopes
 much birch maple
 with the maple
 & there is some
 buckeye & some
 cherry ✓

S												66
S	maple											
	buckeye											12
	cherry											6
	birch											21
	red oak											5
	red maple											2
	chestnut											4
	cucumber											3
	Amel.											1
	hassard											1
	beech											1

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Aspl ff ch
 Yucca erecta
 Osmunda
 buttercup
 Tranchellia
 Podoph
 hairy Eup per
 Melanthera

lots of Rubus allegh
 Acer penn

Redgetop path n
 highest knot
 add - Hypericum spm

Back Cover

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2

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~~6-28 Middlebrook -~~

Field (P.O.) = Crockett
~~Buffalo Cre~~
Red Bend
Buffalo Creek
Slusher

Hunby
Parjay
Straight Creek
Kettle Island