



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.



MEMORANDUM BOOK

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1933

7

NY

I

R-210-Open Side
R-211-Open End

E. LUCY BRAUN
2702 MAY ST
CINCINNATI. O

I 1933

Stearns :-

- Apr. 6 - Greenwood, No Man's Stand
- " 7 - Natural Bridge
- " 8 - Stearns' pr. to Pickett Co,
Tenn; Ring Pine valley
- " 9 - Eureka Caves

April 6, 1933

"No man's land"

Greenwood, McCreary Co

In heart belt

oac. + gage

my laurel

Box huckleberry

holly

Arbutus

Yellow pine

Pinus virginiana

red maple

Nyssa

Andropogon -

interjectus

alatus

Ant. solitarius

Mat on s.s. rock -

Rock, vert. face -
moss & lichen

Umbilicaria

Cladonia, b. Uscomit

to edge of ^(open) moss & Cladonia

to Andropogon

Lycopodium ^{tristachyum}
(comp)

Box huckleberry

Polytrichum

tr. Arbutus

Gayl.

Mt Laurel

Mitchell

Others rocks add -

Aspl. montan

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soil slope of heath layer

Aletus

On slope bet. outcrops

Asarum arif

Lycopodium

TOP of other side

s. of branch canyon -

part wh forms tip

in part. B

Large trees

Scarlet oak

Y pine

Pitch pine

hemlock

Tulip near edge

2 pines

Understory is

Under-

Nyssa

tillyp

se oak

pine

Amelanchier

Shrub-

Int Laurel

Ground layer

Audi

Arbutus

Boy huckleberry

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menlogran

Chrysopsis green

Hypericis

Hostonia caerulea

Lycod. ^{prostratum} obscurum

Mitchella

Ascyrum

Pteris

where more oak

less orange hued ♀

more oak var +

decid. gray.

Apr 7

Plascent to Natl B.

Summit rocks - pine

P. virgin

P. rig.

+ var. P. ciliolata

sc. oak

Vac. - spp.

Parmelia & Hedra margin

& then mat of moss & Cladonia

Amel

Slope

y. pine, p. pine, v. pine
sc oak.

2 pinus

Mt Laurel

Amel anchier

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Smilax glauca

red maple

oak

Low

Bry bucklers

Wintergreen

Arbutus

Wintergreen

Cladonia spp

Polytr

Chrys. green

" mar

Asarum arifolium

moss

Sphagnum compactum

Under bridge & around slope
Sipatua, some fern

Boys in valley
Sphagnum + Mnium
Junco
Lyonia - dom.

Mitchella on sph. moss
Eryngium, Telmateia
Lygodium

Red maple
Rhododendron

Some Polystichum

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Forest of valley

beech-hemlock-tulip
red maple

understory
hemlock
Aral.
beech
birch

Laurophyll

Actaea

Tharilla

Anemone

Bloodroot

Ch. fern

Sipatua

Viola hastata

Stellaria tenu

maidenhair

Fritzbauer bloom

Spring -

viola - all the way under
in clear sand
v. rotundifolia with
Pellia

2 miles farther west:
Flat where bridge
crosses cleft.

3 pines + sc. + ch. oak
Alder + Sough

All the heaths including
box h. to edge
Chry. gum + man.
Sarcocolla { where packets of
soil on flat
Ascyrum
Linetus gran

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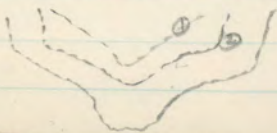
3-8 - Stearns rd

Ravine from plateau
at Stearns, to South Fork
tulep, beech-oak ①

Broadening valley,
stream flat
cliffs, hemlock

Broadens, cliffs recede
up slope + farther ②
away
lower tulip clefts
again

Upper valley
hemlock with tulip



Sweet gum entire
along ste. now
nearly a river

climbing fern very
abund. on slopes

Slopes -

beech or tulip
pure stand (secondary)
tulip east slopes

cross line in valley

River birch in
pure communities

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pine-oak - west

Bark clear to top -
east

redbud under beech
but in ^{some} open spots

Valley of South Fork
sw. gum
cucumber

syn
at levels (r. birch)

elm

S. negro
cross line

Pine-orch

W. V. Smith
A. Smith
W. V. Smith
A. Smith

valley

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W. V. Smith
A. Smith

W. V. Smith
A. Smith
W. V. Smith
A. Smith

Pine-orch

Alnus bet cliffs
west slope
y. dry wood
y. the. sessile

Amelanchier
more abundant
with oak & pine of
west slope

Beech to top
west - on all
NE, beech - hemlock
to top

SE more pine

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but beech goes
all the way up
(bamboo occ. on
lower slope)

valley -
Alnus alata
~~Alnus~~ M. trip

White oak finally
becomes abundant
between White Oak Gap
& Bell Farm
more with beech, but
higher prop. on southern
less on northerly

Beech, tulip, wh. oak
cucumber tree
buckeye

Walnut, butternut
 Basswood, sh & rich
 ash, sour gum,

(cedar slope or whole
 h. s.)
 redbud

Locally, pure pine,
 2 ndary - scrub,
 hick & ash

Pike Co Tenn
 Rock Creek Tenn

(Lumber camp at
 end of road)

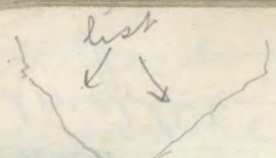
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"Ring Pine"

Valley

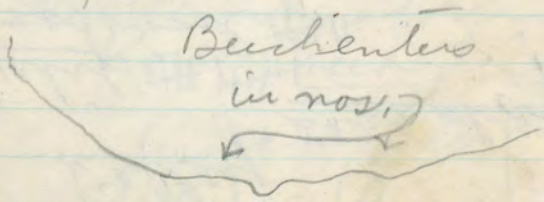
east slope

tulip	### ##	1	11
basswood	###	11	7
Chestnut	11		3
hickory - rough	11		2
sh bark hick	111		3
red oak	11		2
Ash	1		1
sour gum	11		2
S maple	11		2
birch	111		3
cucumber	111		3
buckeye	111		3
hemlock (mostly near rocks)			
beech, small			1
maple			
red maple	1		1



Understory, add
 dogwood | Hydrangea
 witch hazel
 spice bush
 vib acerif
 redbud, ocr
 Smilax bn
 Dryden dr
 palmar

Herb list - see (sep. paper)
 (list 3 pp. before middle of notebook)
Valley broadens



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beech		10	Add M. Trif in underst
chestnut		1	
tulip		6	
nyssa		1	
hesswood		1	
Carya alba		3	
hick, close		1	
sh bark		1	
wh oak		5	
red oak		1	
		30	

Beech not where valley broadens at bottom.
 Then, gorge in eye,
 less beech & more hemlock

Slopes - about
 same steepness
 as first
 beech, tulip, wh oak
 hickories red oak etc

Starting up Spring
Creek

Beech
hickory
hemlock
basswood
m. tree
basswood
s maple
tulip

more spice bush
& witch hazel

limnetic outcrop
circled in open to
now crossing creek

Much denacum

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4 every corymbus

Richer herb. veg in
this lower valley where his
(see list, 1 p. before middle of notebook)

Above -

Rhod leaf

Beech in gorge w. moss
base, walking ferns
in beech - # 6

Up on slopes - beech
continues from
v. prom on one west slope

Proportions of sp change
from place to place.
Beech appears to be

more prominent in
Spring valley than
in Ring Pine

White oak prom in
some places

Hemlock local,
in bottom of valley
where rocky &

high up, just under
edge of plateau

Clethra - with hemlock &
near; at foot of cliff on
upper talus slope

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April 9

Valley - to Eureka Lake



beech, butternut
white oak, buckeye,
sh. b. hickory, red oak
dogwood

Dry med. str. margin
Dyc. & ser gum

Flat & lowest slopes
pred. beech, w.
s. maple, wh oak
butternut
cross me

III 10 + 11

Similar to Carter Lane
beech flat

Not much herb.

Bloodroot *Typhula*

bleed bet

Spr beauty

pep

Iris cristata

Erythra

Beech 23, III = 28

S. maple III

Ash 1

Butternut III

Hemlock II

Spr gum II

red maple 1

Nyssa 1

45

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Understory

Cucumber

M. trip

Red bud

dogwood

brake

Stream drops over so.

into gorge

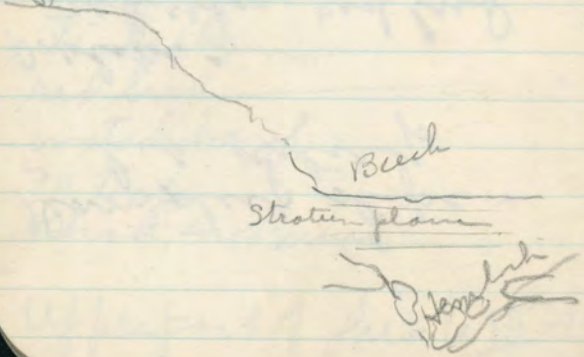
Hemlock

Beech

birch

Rhod

Oak



Down steep slope -
l. s. outcrop

S. slope -
red cedar, red bud
secondary -
Open, young

valley in l. s. above
fork at Eureka cave

11 beech	###	Walnut	1
12 hemlock	{####}	Carya glabra	1
3 buckeye	###	red oak	1
3 birch	##	Nyssa	1
2 butternut	##		
5 S maple	###		
			40

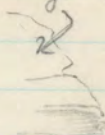
Carpinus
dogwood

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basewood

tulip

many of dogtooth lilies, esp
thick on ledges



v. rostr

bloodroot

Cha. fern

Hepatica
Anemone green
Tr. grand (few)

undergrowth same +
dogwood

Carpinus

hib. prunif

witchhazel

spice bush

Tiarella

red bud

witchhazel

M. tryp

Rhod, not much

Upper part of this is III-12

On route back from
can - fork of road on south
Summit at
Gap ~~to~~ Cave

Pine - 3 spp.

Andr. - (glomeratus?)

Sorghastrum

Chrys. gr. + mariana

Viola pedata

vac. scattered.

"Ring Pine" valley (Stearns
Camp)
list of herb. plants 4-8-13

Smilacina
Tiarella
Cimicifuga
Cynoglossum
Phlox div.
Orchis spect.
Claytonia car.
Hentaria lac.
Eryth. amer.
Viola blanda - rocks
Heuchera
Asarum
Conopholis
Blue cohosh
Heuchera, ptd. lvs. - rocks
blue violes
Viola rostrata
Anemone
Bloodroot

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Geranium
Stellaria pubera
Tr. sessile (?) tall slender, red + yellow
Tr. grandifl.
Ranunculus hisp
Hepatica
Sedum ternatum
Podophyllum
b. hastata
Oxalis
Crossvine (low down)

Ferns:-

Christmas fern
Asp. marginatis
Asp. platyneuron
Asp. spinulosum
Comptosorus on s.s.
Polypodium on s.s.

In white oak - beech part:-

Chimaphila Holly
b. blanda
Iris cristata
Tepularia

4-5-13

Spring Creek (Stearns camp)
Herbaceous Plants:

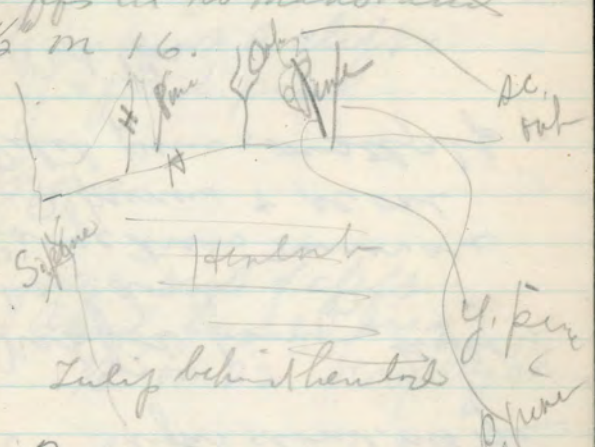
- Hentaria laciniata*
- Anemone*
- Eryth. amers.*
- Eriogonum bulbosum*
- Hentaria hetero.*
- Viola blanda*
- " - blue
- Podophyllum*
- Claytonia caroliniana*
- Hydrophyllum appendiculatum*
- Hentaria diphylla*
- Pedicularis*
- and other plants as before

Erigeron *Evonymus* is plentiful

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I = K 19

1. off on 8, 1/25
Serris berry from
Cliffs distant
2. D.S. rock described
in notes
- 3 Cliffs in "No man's land"
1/2 m 16.



4. Nat Br 1" on 22, color F
- 5 " " 1/5 " 22
6. Near by, Nat Br. on right &
cliffs. 1/5 m 22

7. Box huckleberry ^{m 22}
 2 ft. 8" 1", sun under
 light cloud, but open
8. Nat Br from half
 way down
 Large trees nearer are
 2 pines + most
 Pitch pine, mostly up
9. Nat Br
10. Edge of overhang
11. Understory of box huckleberry
 to art. + edge of
 asarum arif

12 Summit
 $\frac{1}{25}$ m 11

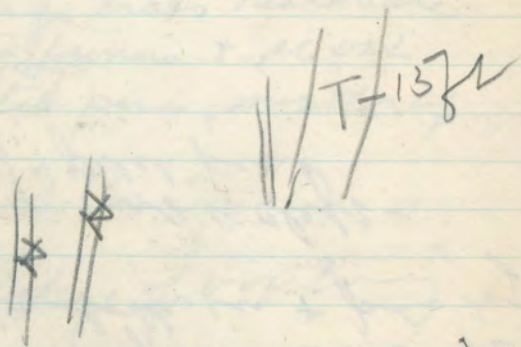
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$\text{H} = \text{K} 20$

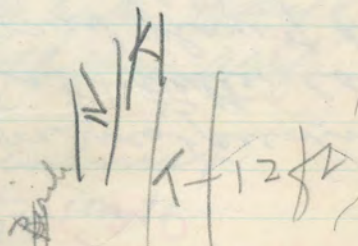
1. From west summit
 of Salt-Peter cave
 toward place of descent
 Ash in bloom, right near
 red maple center does
 Hemlock in + pine top
2. Summit a cleft -
 Y. + pitch pine
3. Grace
4. Gorge west of cleft
 Abund. fern + P. gray
 $\frac{1}{5}$ m 22 very bright
5. North from nr cleft
 1" m 16 nr. gray filter
6. Same - $\frac{1}{5}$ m 22

7. nearly-same forge
 1" m 22, c. f.

~~stems~~
 8. Hazy 1" m 22 infant



9. 1/2" m 22



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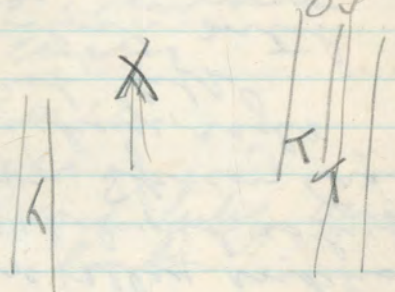
10. 1/2" m 22

11. 1" m 22 hazer

Looking down stem

tulip on right, top, myrtine
 basswood bark, cucu
 brick - all

12. 1/2 on 22 kozysen



T. or. dogwood, S. M. E. 2
 buckeye, millet
 in Nyssa

ch. to
 right
 part
 in
 m

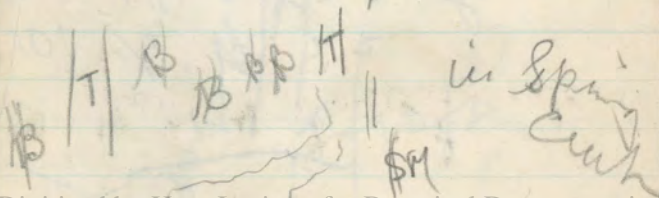
III = K 21

1. In beech-white oak part
where valley widens $\frac{1}{2}$ m ²²
dark beyond is beech

2. Lower Spring Creek
Buckeye, right
beech, left
Hemlock notch

3 1" m 16
rocks & creek
or hemlock &
rhod + MM

H 1" m 22
Beech-Tulip or other m



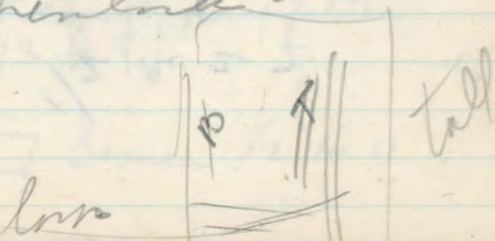
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5. Tulip & beech $\frac{1}{2}$ m 22 b. light
+ mm m sun

6. 1" m 32 base of
beech

7. $\frac{1}{2}$ " m 16
tumbled rocks in
gully
Rhod, hemlock
creek

8. $\frac{1}{5}$ m 16
Creek
Beech tulip beech
hemlock

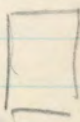


9. $\frac{1}{2}$ m 2 2

SM (right), trees
(left) + pignus between

IV-9-33

10. 1" m 2 2. cloudy bright
Sunset gun on no shadows
highest creek (2),
Carpinus on right bet.
sun gun, & leaning
s. maple on left
rest creek



11. $\frac{1}{2}$ " m 2 2



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12. upper part of l.s.
part of valley where
p.s. rocks tumbled
in all directions
Hemlock-Rhod
massive rocks

~~IV = K 21A~~
Pitch pine

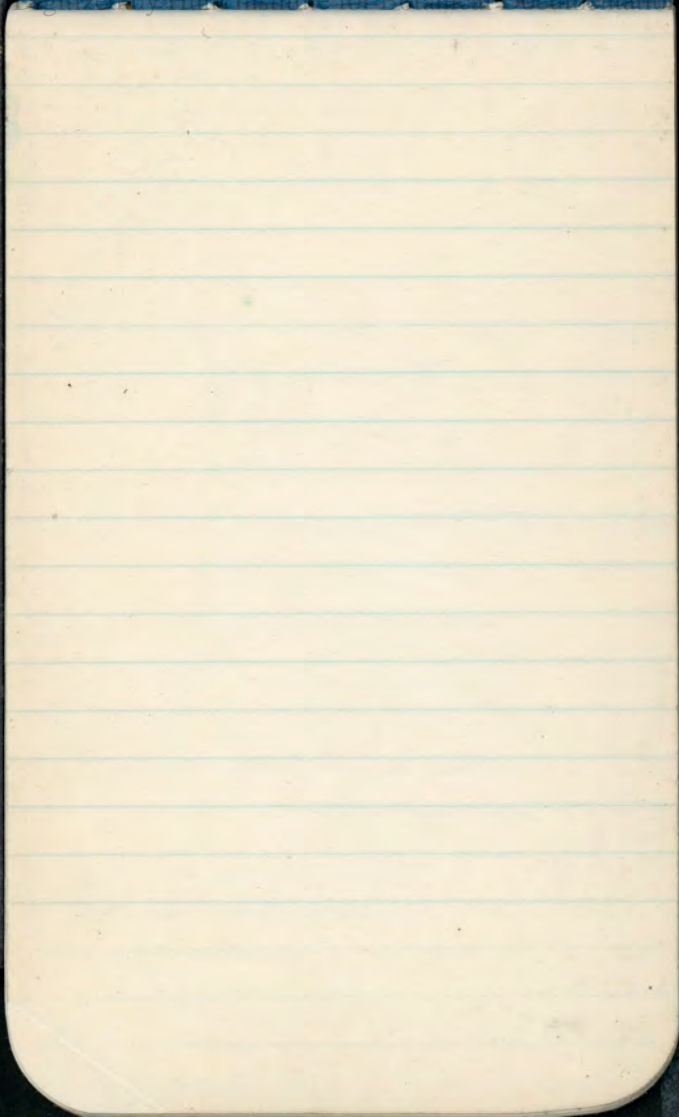
& Andr.

$\frac{1}{5}$ m 16 hazy sun
on plateau

2. From ^{Gap} ~~Point~~ Cave
Pt., SW. at 4 P.M.
hazy, ray filter
1" m 11

3 Same $\frac{1}{2}$ " m 11

Back Cover



McCreary Co., Ky
 April 6-10, 1933

miles 488

Gas	(inc)	8 @ 19	1.52
Georgetown,		5 @ .32	1.20
Whitley City		2 @ .22	.44
Stearns		9 @ .22	1.20
Williamston		4 @ 50 1/2	.82
oil, grease, etc			1.00
Garage, 4 n.		@ .25	1.00

(- 2 gal. lbf) 7.18

Bridge Toll, Susp. Br.	2x	.30
Burnside	2x	.90
		<u>8.38</u>

Hotel, 4 days,		
Stearns		11.00
Tips, etc		1.00
		<u>20.38</u>

(over) - 19.98

		19.98
Films 3 1/2 packs		2.40
Dev. & print 3 packs		2.70
(omit this) 1/2		.45
		<hr/>
		\$25.23
		.45
		<hr/>
Total	\$	24.78