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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

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No. M-808

30

E. LUCY BRAUN
2702 MAY ST
CINCINNATI
OHIO

1937 30

July 19. to Fleming + back
Joe Day, beech saddle

July 20 Rain

July 21 "Meeting Horse hollow

July 22 Lynch rd - summit
of Black Mt, Harlan Co
Swamp in Comb, valley
Letcher Co

July 19. To Fleming.

All forest that is left shows usual distr. features M. M., with basswood on northerly exp. & prep. of oak or oak & chestnut on southerly.

Many secondary areas of tulip on all except southerly exp.

Second growth repr. on southerly slopes always inconspicuous as it resembles the primary

Fruit of scrubby spp. in
prom. of oak.

Rhod. appears general
except absent at certain
localities, i.e. its presence
depends on occ. of suitable
rock in suitable top.
position

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July 19.
Left hand slope at
Beech Saddle, Joe Day
ridge.

(S. + bl. s. maple) mostly 3.
S. maple ### ~~###~~ ~~###~~ ~~###~~ 18
basswood ### 7
chestnut ### 5
wh oak 1 (near top, just over from
hickory ridge) 2
hickory 11 2
hokege 11 2
tulip 1
red oak 1
cucumber 1
walnut 1
nyssa 111 3
birch 1

area (a)

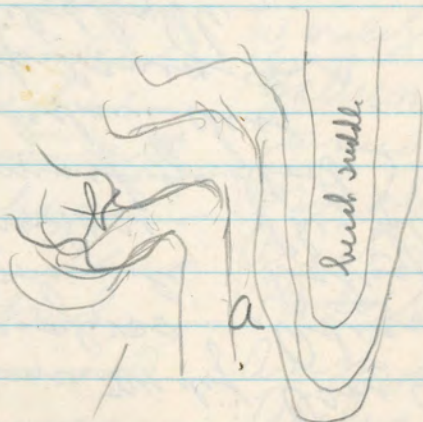
Under - birch

logwood	
popple	
ash (bilt)	
red oak	
hackberry - glabra	
wh oak	
cucumber	y violet
Rhestus	Galium lance
basswood	Cornus alt
butcher	Osmorhiza sm.
Walnut	Arist. macro
redbud	Podoph
basswood	Arist. serps
Nyssa	Arabis pac
Carpinus	Sedum
Nyssa	Anemone l.
	Passiflora lutea

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Prickles	Polyptich
Sol. caesia	Asp n l
Astilbe	
Hes m. nudif	Osm. Clayt
Cynogloss	Adiantum
Hamamelis	Batrachium
Popularea	Phegopteris
Amurfiga (brith)	
Thalictrum des	
Disp. laney & Δ	
Caulophyllum	
bloodroot	Orchis spect
Amphicarpa	Conopholis
Geranium	Smilax n orpd
Benzoin	Arisaema
Asteroides	Raportea
birds stream	Circaea
Hydrangea	Sol. latif
Smilacina	Vib. acutif
Neoscov	Ascl. phistol

This left hand slope goes
down to head of branch
name of Joe Day and
is area a



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Area b is essentially
same; - but has more
wh, wh.

s maple	###T###	9
chestnut		3
basswood		2
nyssa		1
tulip		3
wh oak	###	6
nyssa		1
cucumber		1

Occ. Rhod.
Steir grass
Epipactis

but much same as the

Where dead chestnut
 on s.s. slope to beech
 saddle, y. tulip is
 growing. Rusky
 also s. maple + birch

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July 21

Opp school 4 mi. up
 "Meeting House Branch"

Circaea alpina abund.
 on mossy rock in
 Hemlock-beech-Rhod valley

School no 5
 down no 5

Ravine coming in
 opp. school no 5

Hemlock-beech-Rhod

then on left hand slope:

(L1) (left hand going up ravine)

hemlock		20
red maple		2
wh oak		6
chestnut		8
nut maple		1
birch		1
deep hemlock		1
duff		1/3

<u>Rhod.</u>	Galax
Magnifus	Asaenumberg
Dryd	Mitchell
	asp. nt

changing upward (L2)
to dominantly Kalmia
in understory +
a ss outcrop.

hemlock	1
sc. oak III IIII	12
wh. oak	1
chestnut III III	10
red maple	1
bl oak	3
beech	1
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nyssa	1
p. pine	2
	32

<u>Kalmia</u>	Gaultheria
Rhod	Galax
Hamamelis	Epigae
nyssa	Cast. pumila
chest	Cypr. acule
Dryd	
red maple	
wh oak	
sc oak	

Mats of Duran
Cladonia
et

Coming up to a low
flat-topped ridge:

(L3)

hemlock	### ##	11
chestnut	## ##	12
sc oak	##	3
wh oak	##	5
red maple		1
bl oak		1

Kalmien	Galax
Oxyc	Gaultheria
red maple	Monotropa
	Cyprip acaule

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About a 5 in. layer
of duff

Back to ravine 10⁶
108

	### ##	43
hemlock	### ##	11
beech	### ##	27
wh oak	##	9
hassard		1
mt magn	##	4
tulip	##	6
butternut	##	2
birch	##	4
nyssa	##	3
red maple	##	5
<u>Phod</u>		
birch		
red maple		
	2	hassard
	4	walnut
	3	chestnut
	5	Papoua
		Aspsin
		Polyst
		Phegop

Ermy. Amer	file not
Hydrangea	Cercocarpus alp
Carpinus	Asplacost
red maple	" any
beech	Cercocarpus
tulip	Tearella
basswood	Linaria dep
trubey	brun blande
	Anem. verg
	Aspl flf
	medeola
	Mullella
	Hepatica
	Jr. grand
bludroot	Geranium
Amphioxys	Sol. calif
Impatiens	Osun. Clatyt

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Ascending right hand

slope (R1)

beech		9
trubey		1
red oak		2
tulip		4
basswood		2
ch oak		1
		<hr/>
		19

not much Rh. & Torne
 Hydrangea
 Pruden
 Ash
 Carpinus
 Benzoin

Meso. forest aspect to
understory

~~Erigeron~~ ~~Vitis~~ ~~pot~~
Epipactis Phlegopteris
Geranium Polypod
Thiarella Adiantum
Astilbe Arisaema
Lupinus Asplen. acrost
Stellaria sp
Gnaphalium
Rust. scip

Aster div
Sol. lily
Arisaema
Cimicifuga cord + rac
Linnaea

Horror

Cynophiles

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Higher

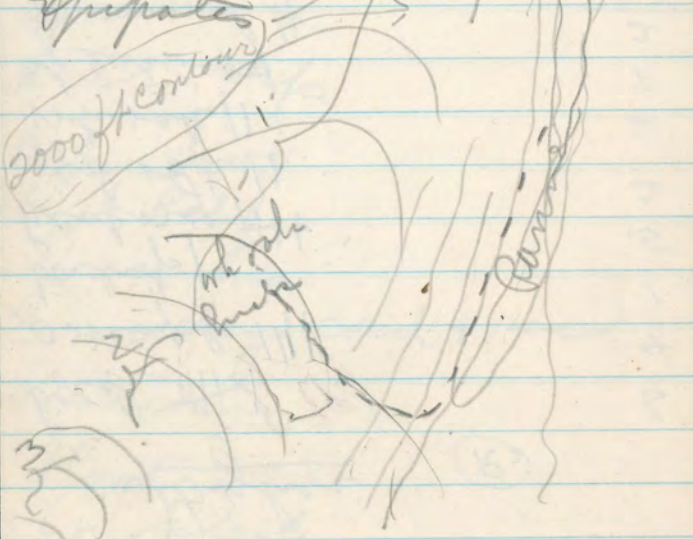
(R2)

beech		1	6
s. maple		1	4
tulip		1	1
hackberry		1	5
red oak		1	2
wh oak		1	2
chestnut		1	1
basswood		1	2
			<hr/>
			23

s. maple	Prader
red maple	Urb. acerif
beech	Populus
dogwood	

Cim. rac
 Astilbe
 Horsetail
 Chamaepitys
 Hesp. lamy
 Epipates
 Geranium
 Epipates

Adiantum
 Phlox



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Convex slope, steep
 rise above (this appr. at
 2000 ft contour)

wh. oak		16
hickory		6
s. maple		3
chestnut		6
cucumber		1
basswood		1
tulip		3
beech		5
red oak		1
red maple		2

44

Hickory very large - 9 ft circ

<u>Logwood</u>	P. my
beech	Peedora
red oak	Cotyledon
s maple	Smilax br
Cornus alt	Pyrulora
chestnut	Acer penn
wh oak	Grape
Carya glabra & alba	
big grape vine	
Cucurbit	
Magn fr	
red bud	
<u>Carpinus</u>	
Ostrya	
Betula lutea	

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Geranium	Polystichum
Tr. grand	Phyopterus
Geranium	Bots. virg
Cornifera	Adiantum
Sol. caesia	Asp n l
Viola palmata	Asp marg
Hesm. nudif	
Hesperom. rany + Δ	
Thasp. aur. atr	
Caulophyllum	Epipate
Astilbe	Arist. perf
Simulacrum	Oxalis grandis
Amphicarpa	Astilbe
Urtularia perf	Tricard
Galium lene	
Heuchera long	
Silene stellata	
Sol. caesia	
Chamaephila	

Climbing steeply +
ridge narrow 12

chestnut IIII	7
locust I	1
ch oak III	3
s maple I	1
beech II	2
red maple I	1
	<hr/> 15

Sassafras

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dogwood	dogwood
beech	cherry
red oak	wt, pear
red maple	grape
s maple	
chestnut	Rub
cherry	(Kalmia
Ostrya	red Azalea
acer pennsylv	high)
Frax	
Amniocya both	
Disporan tan	var corymb
Anemone	
Sol. caesa	Desm nudif
Chamaepitys	
Aucubus	

Higher (3) 13

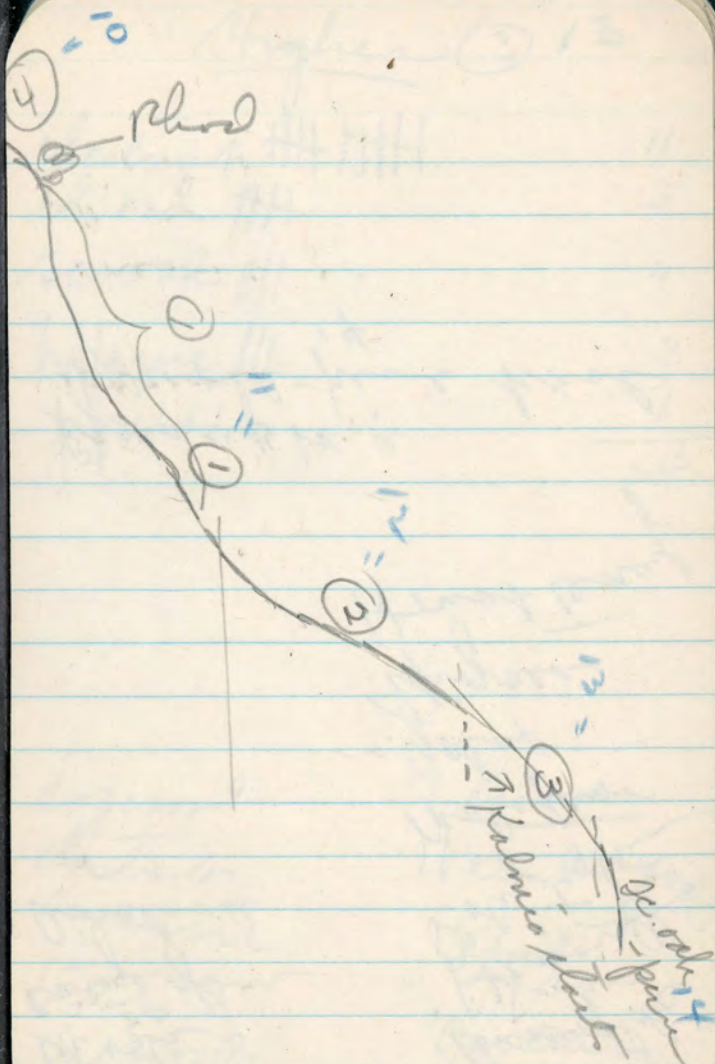
chestnut	###	11
ch oak	###	5
sc oak		4
h pine		3
y pine		1
		<hr/> 24

dogwood	<u>Kalmia</u>
chestnut	vac. dogwood
acorn	Rhod.
tulip	(not much)
mt maple	Gaultheria

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ch oak	Chimaphila
carya glabra	Hemaris
Arundo	Polytaenium
	Malaxis
	Galea
	Epigaea
	Heister Tenney

Goes up to a
sc oak-pine knoll
14



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We
 Strike ridge at ① and
 go up, then back to
 ① [lunch, & or down
 crest of ridge

Coming out to point of
 ①, a narrow point &
 drops off rapidly by
 steep slopes on all sides
 top held up by rock
 stratum, (this prob. the
 2000 ft. contour)

mess. aspect cont on
 the steep descent:—

Rhod. scattered ④

(4) 10

beech	1
wh oak	2
hickory	1
s. maple	3
chestnut	2
red maple	1
	<hr/>
	10

Honeywood	Aster
Astrya glabra	Polystr
Wormwood	

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s maple	Hammamelis
Astragalus	R. lucy
Carpinus	Mitchell
Corylus	Sol. caesia
R. grand	Stellaria
myrica	Asp. marginalis
	Adiantum
	Cerastium
	Thalictrum

(5) 9

s. maple	1
nyssa	3
chestnut	3
beech	1
red maple	2
hemlock	

combine with 4?

Sort of flat but gets very narrow

Rhod.

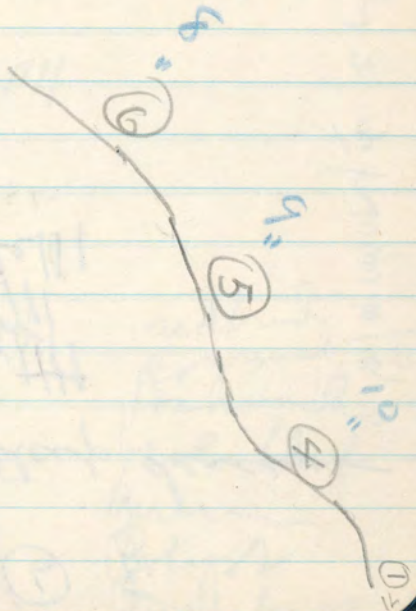
Asp. nt

Polyst

~~Aerania~~

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Lu. grad
maderla



Rather steep descent

hemlock	###	5
wh oak	///	3
red maple	///	3
beech		1
		<hr/>
		12

Rhod.

Polytaen

Oxyg
hemlock
wh oak

Linna
Vicia blanda
Pederan
asp wh
mitchella

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Phryma

After going back
into ranch same
& down it for a
drink, go up
right bank again
Ascent: -

(R3)

beech	###	5
red maple	///	4
red oak	//	2
maple		1
wh oak	///	3
hickory	###	5
chestnut	###	6
		<hr/>
		26

redbud
dogwood
F. trichocarpa
Vicia blanda
Geranium
Polyp
C. umbrosa

Rhod
Pyrola
In ground

Smilax hwy
Aspl fl
p maple
beech

A ways up slopes -
a band of Rhod,
with much heart leaved

This a NE slope

Nearing crest of ridge
Kalmia enters +
more beech

~~17~~

(R.4)

beech IIII

7

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hickory	1
red maple	1
chestnut	1
	<hr/>
	10

Kalmia Polyst
Galax Hammonds
Gaultheria
dogwood

This ridge evidently due
to a resistant stratum
near surface, which results
in beech - hwy

(a) 7

Crest of ridge is narrow, a *Kalmia* thicket w. *Rhod*

Chestnut		12
hackberry		2
sc oak		2
bl oak		1
wh oak		1
locust		3
		<hr/>
		21

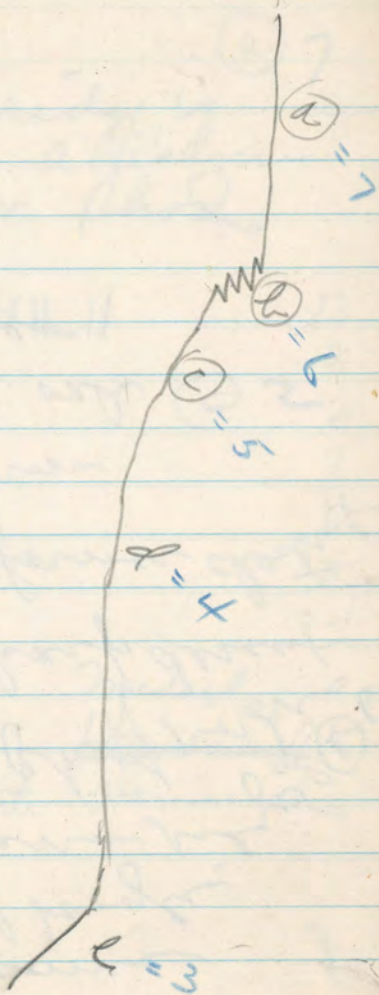
<i>Kalmia</i>	<i>Medeola</i>
<i>Quercus</i>	<i>Hamamelis</i>
<i>Pogonia vert.</i>	<i>Hamamelis</i>
<i>Rhod</i>	
<i>Galax</i>	

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Then becomes a *Rhod* tangle on very narrow ridge ending in pt of rock (b)

Then a sharp descent through a former chestnut slope - now

small sc oak (c) 5
Magnifera
+ *Rhod*



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(d) 4		21	
chestnut		9	dense mat. gentian Prunella vert. asrum orig
sc oak		5	
nyssa		6	
hemlock		4	
wh oak		2	
<u>Kalmia</u>			
<u>Rhod</u>			
Magnif			
Hamamelis			
wh oak			
<u>Gaultheria</u>			
Epigae			
Galax			
heart lvs = asrum orig			

e. goes down steeply
a Rhod. thicket

hickory 1	1
beech 1	1
chestnut IIII IIII	8
larch 1	1
red maple II	2
white oak IIII	4
hemlock III	5
magnum II	2
	<hr/>
	24

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Dryd. Populus
Amel
Rhod

Polyphy on rock outcrop

Gets to be more hemlock
(8) 2

hemlock IIII IIII	9
red maple 1	1
chestnut II	2
	<hr/>
	12

Rhod

+ then low on slope

beech (9) 1
tulip
hemlock

This ridge descended
point N. N.W.

The right hand slope of
ravine is a N.E. slope

See map, next page

US 119

School no 5

church

Location of trip of
July 21

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July 22

Summit of Black Mt

Red azules in clay sub
part

One lily with 13 flowers

2 kinds of lilies

Orange, petals curl back,
veins below smooth

Red, petals spreading curved,
veins of lobes rough below

July 22.

Swamp in Lumb.
valley below Elsen's

Carex spp

Cyperus (spp)

Dulichium

Juncus spp

Asclepias incarnata

Phlox mac

Boehmeria

apoc

Rudbeckia lac. var. - (spp)

Sabbatia angularis

Alder

Sagittaria

Eleocharis

Viola cuc

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Grosser

Panicum dand.