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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-808

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E. LUCY BRAUN
2702 MAY ST
CINCINNATI, OHIO

1937. 27 15940
- June 13 - Cin. - Mammoth Cave
P.M. Walks to Green
River.
- June 14. Care trips
& to Elkton. (320 mi)
- June 15. Clifty Branch,
Wild Cat Hollow, etc.
- June 16. Buzzard Ball
Field & all around
drainage basin of Clifty Cr.
- June 17. to Turkey Run
" " "
- June 18 Turkey Run
" " to Clin.

Sedum pulchellum -
Scott Co. + Franklin Co

A strip of "outer Bluegrass"
in Anderson Co.

Juniper very
Nelson Co.

beech starts at Bardonia

beech, s. maple, walnut
etc.

a red soil belt, gently
rolling

Nelson Co - I

Getting hilly (~~Miss.~~ L.S. prof. Selucia)

(in knobs of Miss.)
On a southerly slope -
open "prairie patches"

Andropogon, etc

Euph. cor. Scut. parv.
Comandra

Blephilia

Salvia lyrata

Petalostemum?

Diodesia

Celtis, densif.

Ulmus alata

vit. ruf.

Onogradus

Rhus canadensis

Hypericum prolf.

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Hyp. dolab.

Thin shale.

A shaly belt - much

Pinus virg.

Nyssa &

D. stellata

Sassa ^{argentea}

" alba

Persea ^{virginica}

" coccinea

Ser. gum

baccin, bases & stem

Gellenia stip

Kaulonia spicata

Ascyrum Cyp

Solidago nem

Rhus cop

Acer rubrum

Krigeria ampl

Lesp. hirta

Psoralea ped.

Asclepias - white

vae arb. (open

Leucis sp?

Aster ^{umbell.}

(Edmonson Co)

Mammoth Cave →

white oak

black oak

hickory, alba, white

maple

beech

on ^{eastern} bend

Under

dogwood

cherry

hickory

mulberry

walnut

red maple

redbud

white oak

chestnut

white ash

sassa

nyssa

chestnut

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Pseuder

^{Opilidia}
Prosopis

Rhamnus

Desm. rot

Salvia lyrata

Gileia stip

Vitis cord

Passiflora lutea

Podophyll

Geranium vac. Stam

Raspberries

Smooth sumac

Asclep. quadr

Urtica palmata

Smilacina rac

Polygon

Aspid. mary
Aspl. platy ym rocks

Mp. Laurel at edge
of west slope

Mostly *D. prunus*
at west end of floor

Polypodium virg

Starting down
west slope

a s.s. outcrop at top
no large trees, but
others are
beech
red maple

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Wts beds
Solidago speciosa?
Jack

Rudbeckia hirta L. s.
Aster patens

Arsium virg (little)
Euph. corollata

Pellaea
Woodsia? spm

s maple Parthen
Ostrya *Bleph. ciliata*
bit yew *Arenaria pat*
cedar

Camptosorus
Eriogonum pulch
Pedicularis can
Sedum tern.
Bignonia capi
var. arb. on l. side

~~Phlox~~
Open xeric spots of
usual L.S. aspect

Shrub, thorns & leaves
lvs. (spr)
Bumelia lycoides
Phlox ~~div~~ Sol. caesia
Arabis canad
Green violet

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next cliff is l. s. &
Sedum pulch
slopes drop into a
gorge
Big:
beech
& maple

Under
S. maple
hickory
Ostrya

lots of Anemone
Staphylea
Liriod.

Iris cristata

Brachybotrys

Stephanandra

Asarum canadense

Trollius scaberrimus

Menispermaceae ✓ 2
others

Stenochloa ligulata
hairy, Ky R

Wormleaf

Cystopteris fragilis
Elephantopus

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Ulmus racemosa

with cork

Carpinus

Euphorbia

Cornus americana

Hydrangea

Sorbus latifolia

Pilea

Impatiens pallida

Euphorbia purpurea

Koeleria

Laportea

Penzance

River flat, Green River
beech

Ulmus rac.

S. maple, black +
truly mostly black

syc ^{Hackberry}

with ash ^{Mulberry}

Amorpha fruticosa

lots of Bayberry

Hydrangea
esp. vertic

Hydr. canadense
small buckeye

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Box elder

Solidago serotina

nettle

Aspl. ang

hapan

Growing up -

Smilax ~~trich~~ Perlacea

Melicae

Cynog. var

Wesm. not nudif

Dry l. s. belt
Agave
Vincetor
Sulphur tree
Hypox. poly
Lilium rot
Solidago rigida
Ceanothus
Throsium pinnat
Fraser

Adiantum ascl.

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up to ss light
Tephrosia
Solidago idon

The plateau apparently
could be called oak-
hickory but as
beech sp. maple
come up the slopes
to the top & are
present on the slopes
of all peaks, it is
obvious that oak-
hickory is here because
of under-drainage
not as a climatic type
The forest is M M, but

without many sp.

beech - p. maple -
wh. oak - tulip &
oc. other sp.

The flat of the pine
support large trees.
Beech predominate
but this cannot be
called a "post-clearing"
situation, for beech
is mixed with pine,
& beech-pine appears
to be a developmental
stage

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The flat was flooded
in 1937 but flooding
must be very except
Rivers higher than ever known

On the way, in Hart
Co. the Miss. plateau
(full of sinks) secondary

oak forest prevails -

Q. stellata

" *marilandica*

" *deglutata*

" *alba*

of fairly large trees
(and somewhat big ones
at roadside, schoolyard,
etc) while in wet

depressions, Q. bicolor
sweet gum are
plentiful

beech + tulip +
S. maple in places

Between Mammoth Cave
& Elkton - all Miss.

Plateau, about 1/2 way with
numerous sinks, + see notes
for Hunt Co. Then more
rolling + cedar areas -
the cedar barrens of
Edmonson Co.

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June 15. Todd Co.

Clifty Creek

Above cliff
wh. oak
Q. prinus
wh. pine

Kalsin on edge
Amenanchier (see spec)
Hodgkinson on cliff

Below cliff Oxyd
beech Osage
wh. oak dogwood
Q. prinus
S. maple

Polyst. holly
fern pet w. hazel
p. my Aralia spec
Sambuca Ervum amer
Diosph Staphylea
Geran

Asp. spec
sh. star on cliff
Asp. marginale
Polypody

Thal. dar.
Heuch pair rug
Lycop (shrub)

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Dragon root
buttercup
Cornus alb Polypodium ^{ured}
Sium qu
Rye
Hydrangea
Ceph
Lup
Benzoin

Phegopteris
Cinn. Osm
Valerian
Arist. serf
Pep. acut
Trillium, bigger than
sessile?

blent. lac
cross vine
Aspl asart

Carpinus

Entering Wild Cat Hoop ①

beech	#####	34
Tulip	#####	17
singum	1	1
syc	1	1
butternut	#####	10
wh ash (Belt)	1	1
s maple (black)		
red maple		
red oak		1
s maple	#####	7

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beech ##### 7
hackberry 1
white elm 1
Under: nysa 1
82

Acer sacch + negr

Carpinus

beech

papaw

Carpinus

witchhazel

mulberry

Cornus alt

tulip

hackberry

nysa

beech

Valerian Aspl. wood
 Hydran Polyp
 Asp. n. l.
 Polyp, very Onoclea
 Botry only Asp. spec
 Asplen Asp. f. f.
 Alantaria (sp.) Osm. cin
 Jack Asp. any
 Arcaea Adiantum
 mollis / on rock
 p. way
 Buller gr
 Asarum
 Hydrangea
 Ermyne ame
 Podoph
 Jack

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Ermyne ame
 Cryptotaen
 Hydrangea
 Caulophylla
 Ran. recur
 Pseuder
 Aralia rac
 Mitchellia

Smaller birds have curly bark

Silene rot. on rock
 (Mertensia)

Lower in W. Cat. (2)

beech	###	###	###	###		23
s maple						3
ser gum	###	###				12
tulip	###	###				11
red oak						2
butternut						3
red maple						2
hick						1
wh oak						1
bl. s maple						3
eye						3
						<hr/> 64

Trees in Wild Cat Hollow
counted on way down

Branch 7 of near (3)

beech	###	###	###	###	###		27	minik & Woodsw
ser gum							1	
bl s maple							3	
hick							2	
butternut							3	
red maple							2	
tulip							2	
s maple							2	
tulip							1	
							<hr/> 42	

This branch flows
south to mouth
of Wild Cat Hollow
hilly, papars & spec
fresh from

Clifty

Lots of fern branches (4)

155	54
Beech ### ### ### ### ### ### ### ###	54
sw gum	3
oak ###	7
tulip	3
s maple ###	7
red oak	1
elm	3
ash	1
hickory	1
	80

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Sedum pulchellum
on ss block

Dumfries

Iris cristata
Sen. aurea

Slopes (5)

beech ### ###	11
red oak ###	5
hick	4
sass (big)	1
sh b hick	1
wh pine	2
nyssa	1
sw gum	1
ch oak ###	6
tulip	1
wh oak	1
	33

A branch coming in
from SE
This mossy rocks
ferns, & M M
forest 'in me slope

Across, cliff to
water - Aene

White pine & higher, Pong
ch, oak, red maple

lots of Kalmia

Then where upper
slope cliff to
creek - white pine,

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brush, Kalmia, ch

Flat of this big branch

Beech	34	(6)
tulip	11	
maple	1	
elm	1	
butternut	1	
	<hr/>	
	40	

bloodroot

Coming out -
Top of ss:

Shrub of *bac arborescens*
up to 10 ft

bac plan

Stylosanthe
clanthoma, little
larger than *speciosa*

Jephisia

bac vac

Arnel. (sp?)
dwarf *Crataegus*

TREES

blunts

Chest oak

bleesmoot

ash oak

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Smaller

Carya *alba*, *glabra*

blunt oak

wh oak

scarlet oak

ch oak

dogwood

persim

June 16

Plateau (rolling)
n. of Elkhart

App. is dominantly
oak

Q. alba
dis
stellata

+ +

some hickory

" p. maple

" tulip & perhaps
orig. *concolorata*

In places - *nyssa*,
vir. gum,
ash
dogwood

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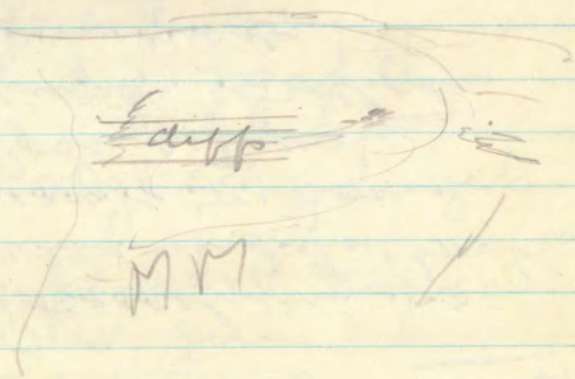
Misc. plants - Todd Co.

Rosa petiolaris
verberna hirsuta (lost leaf)
orange mulberry
Rosa petiolaris
Euph. corollata
Juniperus
Parthenocissus
Ceanothus
Apoc.
Pyc. flex.
S. milax glauca
Ulmus alata
Eup. perot
Acorus
Sagittaria
Typha lat.
Ludwigia alata
Cassia nict.

White *Asclepias* ^{variegata} with
solid heads

Sarothra gen.

View from Buzzard
Ball Field



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M.M. in valley up
to cliffs - of comp. as
det. ill. Wild Cat, etc.
This one with less
flat perhaps.
at cliffs, scattered
white pine, hickory
& oaks (mostly ch. oak)
Slopes above cliffs
oak -

ch. oak

Prunus very in fields
near projecting cliffs -
is on plateau perhaps
But mostly mixed
oak forest
ch. oak, wh. oak,
hickory, etc

Slopeimmel above
Burgard Ball Field
is a pine promontory

P. vng
Chestnut

Ch. oak

Sass.

Dryd.

with heath of
vac. arb

" vac.

Kalmia

vac. corymb

Smilax on w. rot

Mats of Polytr
leucob

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Amelanchier

Further up, mostly
ch oak with
sced

pine

hickory

then as it becomes
flatter, more oak vale

Misc. plants.

cup. key

Salix nigra

Polemonium

Hydr. macr

Woodsia

Polytr. polytr

Anemone

along road

Slope up out of Clifty
Creek toward
Sharon gum

(7)

beech			20
hickory		to cliff	1
tulip			5
nyssa			1
s maple		↑ Mature Soil	2
butternut			2
chestnut			1

Above cliffs, (8)

shel steep slope

hickory ||| |||

beech ||

nyssa |

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ash |

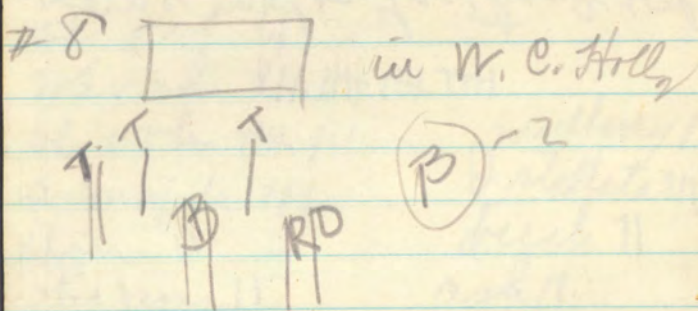
wh oak |||

bl oak |

hick is glabra, roots
alth

Soil mature but
humus more in
layer

#7 Cliffs at head of
Wood Cat Hollow



& behind, a big canyon

#9 View NW from
Buggard Ball Field

Cliffs part way up
slope.

Big trees slightly
lighter below are
deciduous

Some miles farther south
 & soon after lunch,

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Entering down
 path on a west slope. -

sc. oak		
wh oak		
bl oak		mulberry
s maple		D stellata
elm		beech
hackberry		ash
box oak		
" slaw		strya
Oxyd		the oaks
nyssa		red bud
ash		mulberry
hick		cedar
s maple		ash
Ulmus alata		beech
tulip		Arctasp
bl walnut		dogwood

gibberni C. arbus
Pascyru Ant plan
Krugeri Symphor
Dried crust
Pseudra
F. my
Krugeri Cabin Creek
Siphonites
bluel
Dasyos m
Aster patens
Salina Lyda
vib. puffed
Sarcosopus lin
Cynogloss

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Fraser
Asclep. white ball
Rhamnus car
derry back
~~Fraseria in~~
~~shall not be taken~~
Pseudoflora
Pellaea
Liriod
Agave

Limestone outcrops
in the slope, shaly
thin bedded layers at top of hill

Crossed westward to the
Elkton Road

On the Elkton Rd.

l.s. - then
suddenly, ss. -
then a cut with
deep ss - where
the Potomac is
mostly quartz pebbles
& the whole is deeply
weathered & disintegrated

The slope above has
much

Tephrosia

Ser. lin

Dussumma gland.

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Sol. odora *D. stellata*

Pteris *D. marif.*

Viola pedata

Down in the creek
is an exposure of about
20 ft of calc (?) shale
(2 pieces, dark gray) which

underlies the Potomac.

Next below is l.s.,
white & weathering irregular
& knobby.

How did the l.s. get
from the road level
to the creek level at
least 200 ft down in
a distance of only sev. 100 ft?

The Plateau we
crossed on dirt road
coming west to
Elkton rd. - is
rolling l. s. country
without pines.

One good stand is
oak -

wh. oak

black

Q. stellata

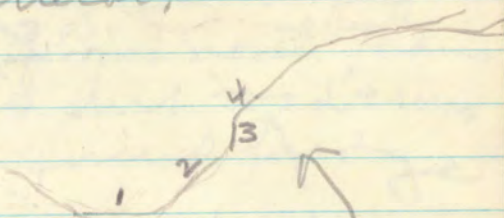
hickory

Apparently the plateau
is oak or "oak-hickory"
with valleys M. M.

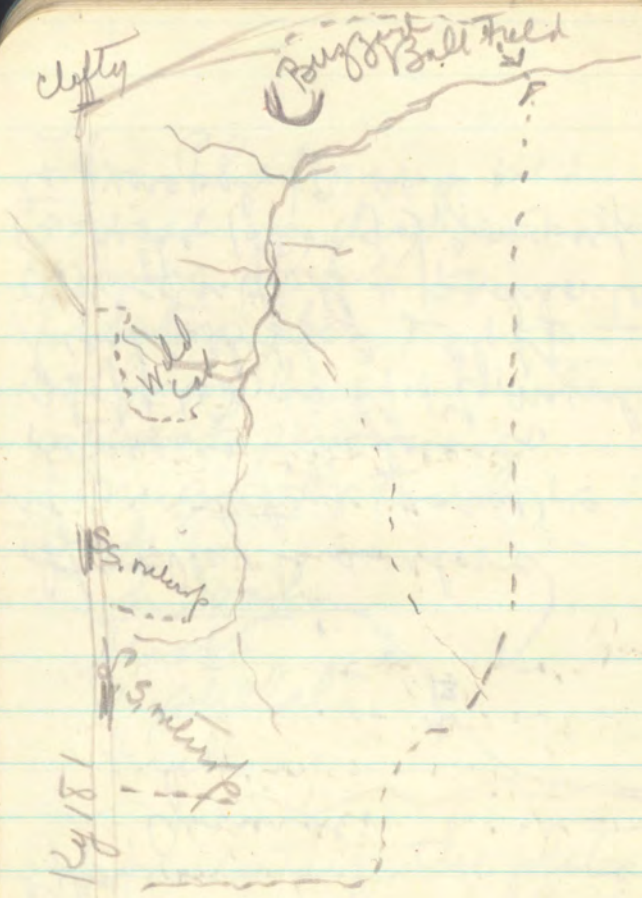
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Plateau area for
greater than valley
area.

General:



If valley is as above,
then valley floor (1) is
dominantly beech,
slope (2), is M. M., much
beech; cliff 3; cliff
margin (4), if a prairie
is pine (P. vng.) going up
to pine oak to oak.



Elston US 68

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Todd Co. map is not correct. No creek of any size crosses road near Clifty. Clifty Creek flows north then east, & dirt road crosses it via covered bridge

Turned when about 1/2 mile from Sharon Grove & come 5 mi. to Elston Road.

June 17

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N. of Puncheon & just
S. of Patoka Ind.
Big beech, s. maple
on little hills
also N. of Pat. beech &
s. m. & Hackberry,
walnut, wh. oak
sassafras, tulip

Turkey Run
 Above Bear Creek
 on trail 9

beech	###	###	###	###	12
red oak	###	###			9
nyssa	###				8
hickory	###				
sh b hick	###				
wh oak	###	###	###		7
tulip	###	###	###	###	9
s maple	###	###	###	###	4
ash	###				8
sassafras					4
s maple	###	###	###	###	41
red elm					2
cherry					1

Starting downhill on 5

wh oak	###	###	###		17
hickory					2
beech					2
hemlock					3
red oak					2
tulip					1

with an understory
 of fair sized hemlock
 small dogwood etc etc

valley part of trail 5

red oak		2
hickory		4
wh oak	###	7
beech	### ## ###	18
sh b hick		1
elm	### ##	10
poplar	### ### ##	15
walnut	## ###	11
hackberry	## ###	12
tulip	###	5
ash	###	7
buckeye	### ###	11
blue ash		1
sycamore		1

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by coffee tree under

basswood		2
butternut		1
		<hr/>
		108

Slope

wh oak	### ### ### ##	21
red oak	###	9
sh b hick		1
hickory		1
beech		1
		<hr/>
		33

Jan 15

Between Hotel + Susq. Br.
Flat -

elm ad. 11	2
elm 77 11	7
s maple 777 777 777 777 777	25
hackberry 111	4
walnut 777 777	10
hackberry 111	3
butternut 1111	4
red elm 11	2
beech 1	1
Ky cypress 1	1
syc. 1	1
thelip 11	1
mulberry 1	1
Q. macroc. 1	1
sh b lark 1	1

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Lower level

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syc. - elm - walnut

syc 777 777 111	13
elm 111	4
walnut 777 111	8
blue ash 1	1
hackberry 1	1
s maple	1
	<hr/> 28

Much moderate size elm
+ some mulberry,
walnut butternut
Japanese ash
s maple

but almost cont.
marginal fringe of
large sycamore

Slope

sb. hick //	2
butternut //	3
red elm /	1
basswood H // //	8
Tulip III //	7
walnut /	1
beech III III	10
Ky coffee /	1
S maple III	5
ash //	2
red elm /	1
wh oak /	1
cherry /	1
hickory //	2
(Whitebazel)	
red oak /	1

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One area of flat
is dominated by huge
sycamore - nothing
else big.

Moderate size elm,
walnut,
much Asp. ang.

This is beyond "Rock &
Rock"

Slopes back near
Rubbhouse

beech	##	7
tup	##	5
hemlock	##	7
larch		3
spruce	##	6
hackberry		2
red oak		1
butternut		1
red elm		1
cherry		1
hackberry		1
elm		1
		<hr/>
		36