



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.

NY

Memorandum

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50

E. LUCY BRAUN
2702 MAY ST
CINCINNATI
OHIO

1942-43.

50

Redlow Lagoon, Sept 19, 1942

Reintar. Sept 30

S. of Alexandria, + Clayville. Oct 11, 1942

S. of Independence, Pines, ch. Oct 18, 1942

May 19, 1943. Big Sulphur Cr.
Leino Co. Ky

¹⁹⁴³
Oct 17. Cin. - Winchester

" 18. Natural Bridge

" 19. Light Hollow;
+ across Red River to
morehead

Oct. 20. Morehead - Cin. (Thellett Cr)

Ludlow Lagoon - Sept 19

Typha latifolia

Lotus

Carduus cernuus

v. 1

Helianthus (ang)

Scutellaria (lat)

Panicum (sclet)

Rice cut grass

Eclipta

Penthorum

Lepidium

Lemna

Lycopodium

Cirsium maculatum

Rudra. pal

Oct 11

S. of Alexandria

Vib. nufid (spn)

" frumif

Ruellia strepera

Pluchea glabra

Aster shuttlei

Anychus canad

Carya ovata

Celastrus

Erroy. ~~ob~~ atro

oaks (spn)

1 - wh. oak

2. "red" oak

3. " " " " with

piece of paper under

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Siephium trif

Smilax hisp

Sintell (spn)

Hystrix

Carya cord

" " alba

Koeleria

Dry. muhl

Ostrya

Phlox div

Helianthus biopetes

Frax. quadr

Solid. lalif

Senecio olor

Tridens fla

Desm. paucif
Polygon. v. v.

S.E. of Clayville

Qu. bicolor
Sol. caesia
Qu. velutina

Cinna arund
Danthonia spic

Pleurocum aut
Agrostache rep

Rhus cop

Botrych. obl
Staphylea

Physocarpus -
on a creek bank

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woods trees are mostly
oaks (on slopes) + ^{alba} ~~bor mix~~
s. maple

Jodanthis pennata
Aster prent ▽

Labellia inflata
oak - mostly wh oak
oak + maple
+ beech

wh oak | wh underg ▽
Coryn. apt | maple ▽
s. maple | *Ostrya*
bl oak | *Cornus flor*
| oak beech

Frax americana
Vib. nudiflora
red oak
red elm
+ bl. maple

Emp. vertic
Syringia
hackberry not very rough

5

Conococlea
Kylburgia
Euphorbia
Sida

Solidago yan

Sassafras - glabrous

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Panicum claud

Ascl. tuberosa

Bordering out woods -
Desf. hirta (fem)
" repens
" viol

Gellanin step

Menispermum

Dr 154 bet. Grants Creek
& Peach Grove

Pendleton Co

Sass. (gl.)
Rhus glabra

Persimmon

"

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S of Independence
Oct. 18

Erectites

Paul - both sp. of Typha

On 17 - on hill -
downward, just
N of Pines

Quercus macrocarpa
Rubus fruticosus
Quercus velutina & Quercus macrocarpa
Ostrya
Gleditsia
Parthenocissus vitacea
Solidago nemoralis
Desmodium procumbens
? Corypha alba?

Qu - los. more cut
than red - acorns ^{brunneol}
Qu. - 2 stems los. more
cut - acorns in paper,
grayish

Acir sacch + regum
Corylus
Sambucus nigra
Celastrus
Sassafras - glab
Polyga. long
Aster pinnatifid
Eup perfol
Asclep pinnatifid

Benzoin
Phlox des
Solidago latif + caesia
Carpinus

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Polemonium reptans
Urtica grand.
Geranium roae
Cimicifuga rac
Galium concinnum
Campanula anem
desm. panic
Agropyron tris molle
Quercus muhlenb.
Walnut
redelm
Carya lacin (trig)
Blepharidocyon hirsute
Lonicera canad
Lobelia reptans
Persimmon
Carya (sp)
Carya ovata

W. of Pomer, on 14

Smilax glauca
Evonym albp
Rubus occid
Carya cord.
Papaver
Celastrus
Botrych virg
Phlox panic
Agrostache rep
Slaphylea
Pilea
Scroph. man

Asculus glabra

Scutell (var. not by Kunz)

Amphicarpa

Blephula hirsuta

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Ranunc. recurv

Rosa setig. glab

Solidago ulmif
trala strati

Woods - red oak &
white oak with
S. maple hickory
tryp

Leop. violace

Plasmod. purpur

Anemone virg

Asarum can

Utricularia grand

Adiantum

Cryptos

Plasmod. acun

Cuscut. purp

Collinsonia

Lobelia inflata

Boone Co. nr Waller
Bidens cernua

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Big Sulphur Cr.
Lewis Co. Ky.

May 19, 1943.

Magnolia tripetala
in right fork of upper
fork, E. C. Sugar Tree Hollow

Asclepias physaloides (meso^{land})
Leptochloa (Leparis)

Oct 17, 1943

Clark Co.

Erigeron atrifolius

Asplenium

Prunus serotina

Urtica

Celtis

White oak

Blue ash

Quercus macrocarpa

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Oct 18, 1943

Natural Bridge

Lower - b. & no hotel + car

Hydro car ^{Northwily}

Adiantum ^{Westwily}

Aster pres ^{Hyles}

Trillium

Valeriana pumila

Asarum canadense

Rubus procerus

Eleph. car

Polystichum

Smilax hispida

Solidago canadensis

Aster cordifolius

Sedum texanum

Asp. marginatum

Aster divaricatus

Hepatica acuta



Canopy

Smaller

hemlock	13 + 10	23	9 + 3	12
beech	15 + 2	17	8 + 3	11
Tilia hetero.	17	17	3	3
tulip	9 + 2	11	6	6
s. maple	10	10	3 + 2	5
Bet. lenta	2 + 2	4	2 + 2	4
walnut	3	3		
red maple	1 + 2	3	2 + 1	3
Carya cord		3	1 + 1	2
white oak	1 + 1	2	2	2
red oak	2 + 1	3	1 + 1	2
wh. oak		3		
cucumber	2		2	2
nyssa	2		2	1
Frag. Belt.	1		1	2
Juglans cin.	1		1	
Qu. montana	1		1	
red elm			1	1

$$60 + 27 = 107$$

57

17 canopy spp.

Juglans cin. 1

Big trees are -	Smaller
Beech ### ##	### //
Tilia ^{hetero} ### ##	//
Hemlock ##	### //
S maple ### ##	//
Tulip ##	###
Cucumber //	//
red maple 1	//
Yucca //	
B.W. lanta //	//
Smaller - III	

Campylo

Magnolia }
 Tilia }
 dogwood }
 tulip }
 American }
 Cucumber }

Large, cont.

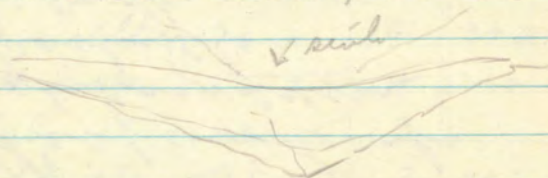
red oak //	
white oak	
Ash	
Douglas	
red elm	

Undergr. cont:-

Eryngium
 Viola
 Hydrangea
 Epilobium
 Redbud
 Corylus
 Berberis
 Collinsonia
 Cornus
 Celastrus
 Carpinus
 Thaspium
 Solidago
 Brachyotum
 Asp. spec.
 Hamamelis
 Lobelia
 Amphicarpum
 Eup. urticae
 Imp. pallida
 Pilea

Round an angle in
trail at level of l.s.
water top

Now prairie slopes -
stream trends north



some extent

tulip described
red oak + blue
one mulch

of into prairie in dry
in sink + into cave

Along n. face of l. s.
cliffs - big hemlock
& tulip & white pine

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Sandy talus -
along trail

Epigaea

Aureolaria laev.

Kalmia

Erigeron pulch

Dryad

Louisa

Senecio aureus along creek
& into cave

Pyrola

Rhodod

Aralia sp.

Magn. macro

Dryas

Mullein

Aster

This cave, with
numerous small
sinks, is -

Big -
hemlock }
wh. pine } biggest in D
beech }
Bet lenta
red maple
1 *Carya ovata* + 1 *C. glabra*
1 wh. oak
+ smaller -
hemlock
beech
Bet lenta
Magn. macro
red maple
s maple

with lots of Rhod
Pyrulidum
Sambucus
holly viburnum

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Opened up because
of dying of some of
biggest trees -

Lot of small trees
Magn. trees chestnut
Corylus flor. Oxyd
Polyst. alder
Osma. cin. wh oak
occ. small wh pine
some growing fast

Emp. fist. in spring
seen at base of ss
cliff

Sunday 6. 7.
Blackstone
Some wh. pine about 7-
10 ft tall + 9 wh oaks
Some w. 9 wh oaks only

1 1/2 - 2 ft - 3 ft

All wh pine paper in here is about same age

Back on main trail	
+ ascending up	
2nd growth	
tulip	wh pine
Bet lentu	sc oak
wh oak	hemlock
red maple	
Dryd	
Messeri atrop	

Higher - another spot not much affected by burn

Big; - -

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Hemlock
 tulip
 Qu. montana
 Bet lentu
 Cucumber

Arabis rac

Upper, formerly chestnut slopes - 2nd growth, in occ. by dimmt

tulip
 red maple
 Cornus, C. alba
 Cornus fl. Dryd
 Qu. maril
 Soss
 Qu mont
 Bet lentu
 Cucumber

Gnaph. murro.
Pren. altiss

Upper SW. slope
trail (beyond bridge)
skirts ft of last rd
cliff

This dry sandy
slope is
the most, gnarly
Pennis rigidula + etc
Qu. cooc. Carya
chestnut
smaller Dryd
red or sp

Kalmia Epigaea
Rhod Canothus
Amelcan
Gayl.
Vacc. vac

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Hammam

Onto a northerly slope
also sandy
did have large chestnut
now -

Tulip
magn macro

Very top ridge
Andr. scop. Juncus
Aster patens
" linearif
Chrysop. gran + mar
Coryph. major
Lephrum
Solid. odora
Kalmia
Pteris
gaulther
Aster purp
Lesq. hirta

From this far pt. looking toward Mt. Pe & valley to west of it -

Scattered wh. pine with oaks on lower part of sw. slope

Pine Barren Top; -

P. pungida & oak }
 ss. oak }
 Qu. marit }
 }
 }
 }
 }

Dryd. Kalina

P. rug Amel

D. mont. chestnut

red maple

Jus verna Epigaea
 Gaultier

Tephrosia Gayl

Andr. Scop

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Sorgh. nutans

Smilax glauca

Aster pasc

MM nr Balance Rocks
 adj. to count this AM

hemlock IIII IIII |||

red maple II |

oak II |

Carya cord III |

tulip II |

Qu. mont I |

red oak I |

Bet lenta II ||

oak maple II ||

beech II |||

Q. muhl II ||

wh oak III ||

add this to the other count

Foot-hills - in
Miss. l. s. belt; -

Lower slopes at
rd bend in parking
area at Nat. Br. / &
also behind house are
mostly beech.

Way's property -
slopes n. of r.r. tunnel -
is a mixed forest with
much beech, some
hemlock, & various
other spp.

At jct. of Nat Br rd
& Ky. 15, at Slade -
a slope with a lot
of large beech, looks
good.

Beech common
on any slopes where
there are any big trees
left, all the way out
to edge of hills.

Large areas of white
oak on all the lower
hills, esp. on l. s. shale
hills - is secondary.
App. were white oaks
orig., but must have
been a beech - wh. oak
type. The type of
underlying rock there -
i.e. shale - means
bad erosion after
clearing, & all vestige
of former meso. forest
gone in most places.

The flats of Red
River - Staunton,
Clay City etc, now

mostly drained &
utilized for farm
& pasture.

Sweet gum, pin
oak & sw. wh. oak
seen in a few places.

Betula nigra along
stream.

9.5
3.1

6.4

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Oct 19.
Tight Hollow, Wolfe Co

On top among rocks
Alcornoque

To get in ^{Northward}
3.1 mi at house
3.7+ " " ~~at house~~
Tones and
9.5 at Je. Nat.
Bridge rd.

Hockins house -
path slope of nearly
top. This is 2d
house E. of Stone
house & on same side

9.5

3.1

6.4 mi. e. of hot B_s

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at Hoskins house -

left side Young's
Path several
shows where it
starts just east
of road cut & at
beginning of road
embankment.

Going into Tight Hollow
by way of board path
to saw mill in north
branch of creek -

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much Lygodium.

air spring (leech) -
white pine w. tulip in
good growth.

Down the creek to
junction of creek from
the main Tight Hollow
& then up that creek
much Rhod.

many wet places -
some really boggy -
& full of mud.

Up where big
timber is - "government
timber" - large tulip
trees, hemlock, beech,
Bet. lenta, red maple,
Tilia.

all these very large
& tall

Crossing Red River on
Nash rd -

White pine preps.
in with oak on many
of the drier slopes.

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Oct. 20, 43.

Tygarts Creek

Where little rd. opp. 1st house
on Cascade Caves road crosses
& goes up hill on west side.

Ravine woods is: -

beech, tulip, Tilia, S. maple,
walnut, butternut, buckeye,
This is on the l.s. slope.

Foot of east-facing h. d. cliff.

Uncolalatif.

Gentiana gring. (sp.)

Cascade Caves

Talus slope (northerly,
between l.s. cliff & r.s. cliff.)
beech, maple, Tilia; tulip,
chestnut, D. montana,
red maple.

Erianthus Carter Co. - on Carter
Caves rd. just N. of jct. of
Cascade Caves rd.

Oct. 21.

Rowan Co.

Rural rd. just N. of
hill out of Morehead - S
along S. side of Triplett Cr.

Carya alba

" *ovata*

" *cord*

A north slope on Bl. shale,
N-NW.

Old and dry - has a few
big beech;

Now, larger trees! -
wh. oak
red oak

Carya cord.

" *ovata*

Aesculus oct.

butternut

Bet. lenta

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tulip

S. maple

beech

chestnut

with: -

Cornus flor.

Benzoin

Hydrangea

Evonym. amer.

Polyp.

Hep. obt.

Adiantum

In places - aspect is
from a distance, oakwoods.
Then, an area of more
beech

Farther along, steeper,
with more massive rock: -

Beech (big), hemlock,

tulip, S. maple,

Magn. trip.

+ lux. undergrowth on

lower slope of
Adiantum Meehania
Asp. mang. Tiarella
Polystichum Viola rostr.
Viola blanda

Triplett Creek Flats
(North Fork)
near school.

Bet. nigra - some very large
sycamore
Magn. trip.
Carpinus
Carya lac.
Sweet gum
hickory (which sp?)
beech
s. maple
Salix nigra

Evonym. amer. violastrata
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Sambucus " pap.
Alder Aster pan
small wh. elm Cinna arund
Redb. lac.
Senecio aur.
Aster pen.

Going on other fork of
road from school: -
Slope is West to W-SW.
Occ. large beech.
Other sp. of larger 2nd growth
are: -
wh. oak
red oak
Carya
beech
tulip
bl. oak
Smaller beech, s. m.,
Carya glabra, wata, dogwood,
Amel., Cunila

Extensive formerly
swampy flats of Creek
now mostly pastured
or fields:-

Green alder

Bet. nigra (small)

Solidago asp

" grass

Eup. coll. + perfol.

Panicum claud

" spp.

Agrimonia parv.

Rhiz. sagitt.

Lobelia card.

Juncus eff

Onoclea

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8 A

4⁺ - Tu. 1 1/3

2 W 5 6 3

5 1/2 - to home 11 1/2

1 -

12 1/2 + 1/2 11

200

3 x 3 = 9 g. = 180 mi.

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Take Independence

on Ky 17 - at Pleasant
a road to left goes up
to Taylor Mill Rd (P)Next road = Fowler Cr.
Rd. To left where 17
starts up hill - goes
up through a valley -