



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

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[Faint handwritten signature or initials]

E. LUCY BRAUN
2702 MAY ST
CINCINNATI
OHIO

July 15, 16, 17, 1935
Breaks of Sandy, W. Va., Ky. 40.

March 30, 1936
Franklin Co. 176 mi.
.30 Br. toll

April 14, 1936
Lewis Co. Ky - branch of
Big Branch of Salt Fork
#.1 oblique tail 172 mi.

Nov. 5, 1935 - Lewis Co

Pike Co -

Brachyactis

Cephalanthus

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July 15, 1935

Whitestony - Jenkins

Breaks of Sandy

Pikeville - Williamson

Astragalus on cliffs
Uniola in Whitesony

Whitestony - Jenkins
cont. high dissected
adj. to Pine Mt
all AM.

Jenkins - Pikeville
not so high but same

Pikeville - Elkhorn City
Sedges more
abundant as a

river bank tree. ~~Not~~
very little river bank

Slopes all M.M. with
usual variations &
ridges

The Breaks
Cliffs, etc.

Streams cut in
massive sandstone

The general vegetation
is that of Pine Mt.

Hemlock - Rhododendron

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sandy soil slopes; etc.
but lacks the dipping
rock slopes

Summit forest has
tulip, white etc
few hemlock
(not primary)

Top of cliffs - pine
& heaths as on
Pine Mt summit

Robinia hispida

Aralia spinosa in
one of the ravines
en route

July 16, 1935

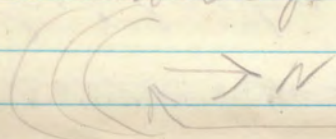
Williamson, east, via 52

Everything M.M. except
red chestnut ridges
Southernly slope,
beech - white oak
northerly - white basswood
very prominent.

Mingo Mt.

Horse Pen Md., 1850 ft

North slope bet.



Picture 3

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Mingo + Horse Pen Md.

Basswood, Tulip, beech
sh. b. hick., hickory
s. maple, cucumber

All fine M.M., not entirely
virgin but with fine
big trees + good under-
growth

No river birch along
stream

Road Georgetown Rd at
Jelbert, much River Birch

River birch on Sugarfork

M. M. continues
eastward to + incl.
of Flat Top Mt
(alt. 27--)

From Flat Top Mt
looking east whole
aspect changes
from rugged
Allegh. (or Cincinn.) Plateau
type to hilly-pollery
land.

Looking from this
summit an
expanse of this
hilly-pollery land

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lies below + beyond
is a high longitudinal
range.

The strata of this
lower section are
strongly dipping.
In one place the
land is swamped (like
Prenceton, W. Va)

This area mostly
farm country with
patches of young
secondary forest. No
old trees remain.

Moderate size trees
of various sp. of

oaks prevail, but
there is also consid.
tulip, some

- Nyssa
- rk. oak
- red oak
- ch. oak
- sc. " (3)
- hickory
- tulip
- hasswood

To the east of the
dissected area of
horizontal rock
little vestige of

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original vegetation
from which to get
any idea of type.

The indications are
that ^{MM} ~~the~~ forest
occupied a considerable
part of the area
(as constituents of
of that type are
present) but that
oak may have held
a larger proportion
of area than in
strongly dissected
area.

nr Jaeger, W. Va.
some massive
cliffs suggest
the rock here the
Breaks

Bot. Williamson
Climate constant
change - lower hills
less steep.

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Beauty to Painter
Beauty to Painter

The presence of beech
in a variety of situations
is indicative of its
importance in the
climax. For the
climax may be
arrived at through
a number of different
developments.

Martin Co. Ky
Pinus rigida - Martin Co.

Plenty of tulip trees

River birch

Pinus virginiana

acuminate

Mag. tripartita

West of Inez
South slope to gap -
MM. with lots of
beech ^{tree} & wh. oak &
wh. oak repro.
over gap, less wh.
oak, some hemlock

Small gum

Johnson Co.

cucumber
ridge of Martin-
Johnson Co line
repro, entirely a

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oak & hickory
Beech & cucumber
a very little way
down on Johnson Co
line.

Pinus rigida
" *virginiana*
Lilia heterophylla
River bush
mag. *tripetala*

Magnolia Co
River Birch along ^{bank}
Silver maple
Sycamore

Morgan Co

Kingd Elm

River Birch

Pinus virginiana

sweet gum

Verbena hastata tall blue

of sp. in Siskiyew Val. at 24.

Low hills outside (w. of

of W. Sib. = white oak

beech, hickory

Some other plants

W.M. = beech, maple

tulip, hawthorn, Walnut

white oak, buckeye

Q. stellata

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Pinus rigida

white pine

Magn. macro

acum

Aralia sp.

Pycnanthemum

Angelica

West of Engel + just
west of Blackwater
Creek, Blackwater
a stream beginning
drops off the road
edge of road in gorge
thru

penck red maple
Magn. magn. butternut
birch tulip
Magn. acumin. & trif.
Rhododendron

Thalictum clas
Huckey Rug

asp. spir
Aspl. aurs
Relypod

High cliffs &
rock houses at
mine

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This is just east of
Brokeleg Creek

Montgomery Co.
Pinus virginiana

Q. stellata
Q. digitata

Flats with swamp
forests in which
pin oak is prominent

Phlox maculata

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Nov. 3, 1935

Flats before Tollebo
White oak with
hickory, pin oak (occ)
& var. red maple
Tollebo
Creeks beginning
to cut ball plain
a cedar belt

just east of T. cross
field north to
rain.

D. stellata Cedar
C. ovata

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Drummond

Smilax glauca
Andr. Bug
Steer land
Sol. nemoralis
Cassia nict
Linum - ?
Viola sag
~~blanchetii~~
Carex glauca
Rhus of pale

Lot of *Cerophyllum*

Lep. strata

"

Pantstem

Panicum flexile
esp in open eroded

Steeper immediate
slopes of ravine
cut in Brassfield +
in Ord

basinwood s. maple
red oak, rubra, stry.
D. much buckeye
(octandya)

N

Hepatica Polmon
Anem. v. Asarum can
Columbine

S

Senecio obovatus Aquilegia
Rudbeckia speciosa
Cant. Amer.

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Viola pedatifida
Erigeron atrop
Rhamnus carol
Slophylla
Asarum can

Creek lent Lobelia sylv
Euph. coel Ran. recur
Sambucus V. striata
Aster prae Heloni
aut.

Euph. D. Circaea ^{alt.} cetera
redbud Polypodium
Y. papul Sp. lan. h. sp.
Rosa set Vib. prunif.

Rubus - Comptosia
Cyst. bull

Celastrus

green violet
Cassia, smit-med

Quercus borealis may
poplar

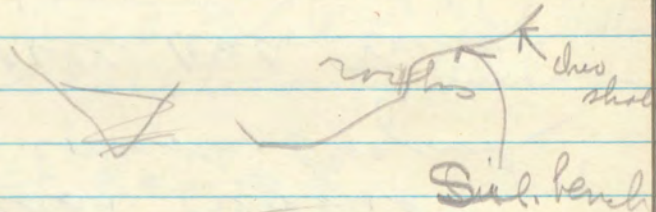
Adiantum
Xanthoxylum

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Ribwort -
North up a ravine.

D. subvaca

Country here has
ravines cut in Silurian
level which forms
prominent terraces



Sol. arguta
Bata Vol
Sulphur trif
Subata
Cassia nit
" med

a sort of secondary
cedar barrens

Cedar, red red
h. locust, dogwood

occ. ash, tulip
pine, s. maple

Rhamnus can

Azalea = Sycamore

Rhus typhina
" glabra
Vib. prunif

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Celastrus

All the above on
the Great Orchard?

Then massive dolomite
of the Bisher Pile up

In rocks - Hermitocarp
Aspl. platyne Cyst. herb
Comptosia Polloea

This horizon has much
Rhamnus

App. the forest here
was more open -

s. maple, butternut
walnut, red oak
tulip

papaver
wh oak, s. b. hick
ash, buckeye

A bit of "cove" forest
on steep slope (facing
west) below main
outcrop of B + L
walnut, July
buckeye ash
red oak, maple
Carpinus, basswood
red elm

Solidago lat
rup. v. r. v.

1852
June

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Aster cord

June
1852

papaver

Phlox dis

Vib. rugif

Above the dolomite $\frac{2}{3}$

outcrop, gentle $\frac{3}{4}$

slopes of $\frac{1}{2}$

forest of $\frac{1}{2}$ shale

Q. prinus

Q. alba, Q. velutina

Chestnut Vac. v. v.

sh & hick

brush in a hd. to some
red maple

Sorochra = Hypericum
yestlewoods

A knob of
Q. prinus var.
hick + pine very
Yac, var.
Gayl.

Sambucus

Sys. quad.

Serp. violaceum

Slope above "unfract"

cont. med fract to
shale, where changes
to type descr. above.
Slope just above dol.

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burkeye (very large)
red oak
wh oak
a maple

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VII - Cent. Plateau

Big Sandy R

Breaks of Sandy

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VIII - Towns at the Breaks
from det of road rd

2. Sandy R. + Breaks from
rd nr Elkhorn

3. Mingo - Horse Pen Mt
M. M. forest -

2 hickory trees, few
a very white basswood
to right + sev. birch

4 Looking up Guyandotte
River nr Gilbert W Va
Stream bordered with
riverside. Mt. slopes
are M. M., light spots are
basswood

March 30, 1936

Franklin Co. -
mount of Elkhorn

One slope ^{mostly} all decid
the east slope

Urentarea lac

Columbina

Phacelia bip

Silene virginica

Hieracium amer

Stylophorum

Tradesc. sp common

Querc. veru

Euphor. com

Polymnia commun

Saururus

Corydalis

Hackberry
blue ash
Gleditsia
honeyeye-glabra
redbush
Symphoricarpos
Viburnum leaf

Rhus cor
Evonymus atr
Opuldas
Ptelea
S. maple
Quercus muhl
Cedar

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Ranunculus
cutleaf
Bouncing bet
Delphinium
Campanula amer
Sedum tern
turn leaf
Compositous
Pellaea atrop

Pentstemon in rocks
(see other HyR, spm
Viola prof.

Saxifraga is surely
a rock plant

Go on over to a S slope
not so steep

lots of larkspur
Ranunculus laevis

Begonia crucif

Arabis laevis

Sambucus can

Impatiens pallida

Viola hirsuta ? spm

Galium apperianse

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~~Urtica dioica~~
Silybum latifolium

Quercus canadensis

Anemone v. v. v.

Ran. abortivus

Raspberry

red elm

white ash

Hystrix patula

Trollium sessile

Carex (picta? spm)

Q. c. saccharum

Solidago ulm

Aster sp.

Smilax b. n. purpurea

Quercus borealis (or map)

Andr. v. v.

Corypha ovata

Claytonia v. v.

Lactuca, red leaf

Teasel
Louse
Ovals violaceous
Thaspium pennat
bloodroot
Roscoea, spm
Anemone
Polygonatum (biff?)
Adiantum = Strymon
Caddisfly dregl

Thalictum dioica
Hydr. aff. mac
Staphylea
Dutchman's be.
Lots of Silene again
Eryngium bulbosum

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Aspl. platyneuron
Carya corde
" lac

pokeweed
Scleria mede
daisy
Plantago virginica

Blackberry
Celtis pumila
wild hyacinth
Clematis virginica

Shells above little
rd at base

Hydr. aff.
lots of red. berries

larkspur, poppy

Hydrangea

Ostrya

Juglans cinerea

Desmodium

Eup. urtica

Plant. lac

Carex

Arabis dentata

Phlox divaricata

Solidago laevis

Bry. alder

Syc.

Black willow

White elm

} Pine

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fire pink

Alentaria diphylla

basin

Sarcoph. maryl

Carex laxa latif

Asarum canad

(Ruellhans breche)

Phacelia + Hydr

most abundant

Osmorhiza, hairy

low stinging nettle

Utricularia grandif

Cystopteris fragilis

Benzoin

p. ivy

a beech tree low on
slope

Stellaria pubera

Lamium amplex
" *purp*

Little road going
up Elkhorn Creek
to east of Ky 35.

Another Stellaria
on rocks

Squirrel corn

Allium tricoccum
lots of pepper & salt

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Phlox - ? plant

lots of *Pent. diphyllo*

Carpinus

Senecio obovatus

Erythr. amer.

Mitella diphylla

Galium canad

Isopyrum

A very mess slope

a beech

big basswood

butternut

Penst

lots of *Hydro.* &

poppies

black walnut
mulberry
Ky, coffee tree

tulip tree
sapifuge in Owen Co
Owen Co, W. of
Monterey, near valley
west valley of Severn
Creek.

beech
ch. oak
s. maple, sacch. + Regia
red oak
basswood

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Anemone
Ranunculus
br. rufid
Cardamine
cedar
Ostrya
red birch
red elm
Larkspur
plant. lac.
Ferugenia
Hydro. macro
Ranunculus hep
Afzelia (Seymeria)
Symph
Arabis tuer
Benzoin
Wh Ash

syn
plum
Philodiv
Campanula amer
Avenone vng

Tredens flamm
in curru
red chr
wh chr
spring beauty

patensia pelt
Evony. atr.
Albionia largepod
Darya cord
wh. v ak j d. muhl

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Fraxus
black willow
andro. vng.
walnut

locust
hackberry
cattail
sassafras
Rhus glabra

Lewis Co

April 14, 1936

North slope, (going down hill)

Holomite level -

Valerian	Cyst. frag
Card. druegl	
Plant. deph	Caulophylla
Trill. gr.	Ran. bulbifidus
Sanicula	Galium conc
Camp. tomes	Cher. fern
Sol. latif	Plant. lac
Imp. pallida	Spr. bearded
Geum acuum	
Compositae	May apple
Sanguinaria	Stellaria
Ran. recurv	rubra

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Juglans cin.	Berberis
Carpinus	Hydrangea
trifol	
poplar	Dy. bor. map
Grape	bladder nut
Bambusa	yr elm
ycarum	menisf
hackeye	Cornus flor
vit. pub	raspberry
Lilium?	
Galium aparine	Arenaria
Hydr. app	Anem. org
Sedum	Green veal
Aster cord	Psedera
Aster macro	
Thal. divar	
Arenaria	
Zinnia hesp	
Polymnia can	

Opp. slopes is oak,
a little tulip
Amel.

Below, similar
Camp Amer

Cyst. bulbif

Urb. grand
Evony latif
Clem. virg
ground. virg

Rhus glabra
Vern. obl. hennis
Sol. alt

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Carter P.O

~~Eryth. alb~~

~~Panicum. claud~~

~~Prunus amer~~

~~Rhus cop~~

~~Smilax rot~~

~~Viola pap~~

~~Draba verna~~

up to Black Shale

~~Pro. cusps. - autumnalis~~

~~Adiantum~~

~~Ch. fer~~

~~Bot. obl~~

Black willow

bernicia - large crop

Salvia lyrata.

Misc. list

up branch of
Big Prong Fork
Salt Dick
Going upstream from
fork in road -

The line of dolomite
cliffs is plainly visible
a short way up the
slope of the lower hills -
Hills forested w. strong
adm. of beech

Shale above - more
Amelanchier but
otherwise app.

similar
beech
tulip
dogwood
red bud
red maple

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Chr. fern
Pedicularis
Heulandia heter
Clematis very
Adiantum
Sedum
Arum
beg. Heuchera
Scroph. maril

Monarda
misc. list
cont.

blueberries
Elephantopus
Amel. spm., from low
undercut bank just
above where we ate lunch,
+ opp # logs in rd

Antennaria puberula
Carya ovata
Rubus virg
Luzula ✓
Paprus (corvina)
Aspl. platyne
Lambertia speciosa
Frag. virgin
Solidago nemoralis
Phlox div
Stellaria pubera (?)
 see spec.
Glycyrrhiza
 hairy per curcul
Aster div
Hemichamaener

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High m hill a
 woods - maple
 much tulip Chestnut
 2. box. map
 big beech
Phlox blanda, *Anem.*
Stellaria plantaginifolia
Ran. recurv
 hairy per curcul
Aster div., *Ch. fern*
Viola hirsutula
Barbarea verna (cur
Eup. vertic

Misc list cont.
Ant. spr
Smilax glauca
Tridens flavus

Gallium styg (mtop)

Oxyd

had vac

Mitchella

Q prunus

cora, velutina
alba

Hypoxis

gayl

Cornelia

Hebeacum venosum

Vitis bicolor

Tricia carol

Obolivia lots on

descent to creek

Orchis spect

Down in ravine

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Geranium

Hepatica

Corylus am

Iris cristata

Aspe ff

A rocky belt mostly
dead chestnut

Mt Laurel

Corydalis

Stellaria media

Lower slope woods

nr Carter PO

Polemonium, fuzzy
 Larkspur
 Gentiana
 Aster short
 Lithospermum yellow
 mayapple
 Stellaria pubera
 Agrostis mollis
 Cynoglossum
 Senecio obtusatus
 Erigeron alb
 Elephantopus

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beech	red bud
ash	Carpinus
hickory	poplar
cherry	dogwood
honey locust	
tulip	
walnut	
D. bor. max	
o maple	

Potentilla canad
 Ran. abort
 Ran. ~~confertus~~ ^{autumn} Trellempesside
 bluets
 Cardamine
 Viola marginata? plant
 Erigeron pulchellus
 Topularia

Hills rise above the
hard less variety,
more Poa
Erig puber
Alopec
Tupularea where etc
Scirpus amples
Habenaria pilsner?
Pedicularis
Gerardia laes
Vaccinium + Cunila
And. sol Gayl
Oxyd Henck. beg.
mostly beech +
white oak
Sol. caesia