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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-508

31

E. LUCY BRAUN  
2702 MAY ST  
CINCINNATI  
OHIO

1937 31.

July 23. Partridge -  
Hazard - Hyden  
- Big Creek

July 24. Big Creek -  
Peabody - Ky 80 -  
London - Cumberland  
Falls.

At Cumb Falls, trail 6

July 25. Cumberland Falls  
- trail 14.

July 26 Cumb. Falls to  
Cincinnati (US 25)

Sept. 25 - near to Louisville  
(193 mi.)

Oct. 27. Morehead: -

Oct 2. Clack Mt., Cogswell rd.  
to prairie patch, + down  
so. slope to prairie;  
Paragon road, swamp;  
East Clack Mt road at  
1 mi. + at 2 mi.

Oct. 3. north of Morehead -  
along Brushy Creek

252 mi.

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July 23

Ison, Letcher Co., Ky  
Before this, highway goes  
up over a divide. Near top,  
on Whitesburg side a new  
rd to right being built  
which goes down into  
valley.

All these hills MM  
with beech more prominent  
low but going high.

After road comes down  
hill again (Ison),  
forested hills, show  
prominent belt of  
basswood high on all  
easterly + northerly  
slopes - i. e. most

on steeper upper slope  
above place where contours  
farther apart

more beech, less basswood  
low: beech less upward  
& absent(?) in basswood  
belt near top

more oak on southerly  
slopes

Leslie Satcher Co on  
top of a divide not  
to which we rise just  
after Isom

wh. oak with beech etc low  
on sunny slope

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Knott Co.

(misc. list)

Salix nigra	Lindb. atata
Carpinus	Bambusa
beech	Va creeper
wh oak	Eup. purp. <sup>major</sup>
Oxyd.	Syc
beech	dog mast
wh. basswood	Am. cifuca
hemlock	Hydrangea
tulip	may apple
s. maple	Brushy Chats
magnolia	oak
Casia (edam Co)	Imp. p. called
Mitchland.	butternut
Petal. nigra.	red bark
Rhus copallina	R. glabra
Coccoloba	orange milk
Medical Sctin.	wh. elm along creek

A massive p. s.,  
appears fairly low on  
slopes.

Basswood not conc.  
but scattered generally  
over slopes

A southernly esp. - no  
basswood, but beech  
& white oak ++ go high;  
then oak singly.

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Knob Co. (misc list)

papaw  
Rudb. hirta }

---

Spekward }  
Quince & arbutus }  
Hercynia (spum) }  
Cinnamomum amer. }  
Christmas fern }  
raspberry }  
red touch me not }  
above all on cliffs

---

Eup. serotina Clem. virgin.  
Boehmeria walnut  
Pinus virgin Populus delt  
Perennona

---

Leave Knob Co.

Perry Co.

Quercus latifolia  
Butternut cross vine

Bel. Jif & Hazard, a  
massive stratum  
caps the summits,  
hence topog. more  
suggested

Dianthus      sev. gum  
red cedar      Bel. Vigna  
Pitch pine

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Paper mulberry in  
Hazard shows no sign  
of winter injury.

---

Leslie Co.  
expansion

Just over divide at  
Perry Co line - entering  
Leslie Co - appears  
to be beech forest on  
both sides of rd.

Just below gap, so  
held high. Other things  
removed (?). Beech not  
too open to have been  
only thing

In undergrowth -

tulip *Carpinus*

dogwood *Nyssa*

red maple red oak

Oxeye *Cucurbit*

hackberry s. maple

wh oak beech

poplar

Cut down (stump)

basswood

& many others

*Benzoin*

*Eup. vertic* *Amphicarp*

bloodroot *Hydrangea*

*Chamaefila*

*Clematis* *Aspl. platy*

*Pilea* *Aster dist*

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Christ. fern *Phlego*

Caul. phyllis *Mitella*

*Podophyllis* *Evony amer*

*Laportea* *Evony*

*Phryma* *Pedicular*

*Adiantum* *tribacum*

*Eup. purp* *Arenaria*

*Circaea* *Krynina amp*

*Sedum* *hibern*

*Carya cord* *Aster cord*

*Asilbe* *disco*

*Anemone* *Prunella*

ash *Viola rostr*

*Staph. quad* *Popularia*

Apparently forest always  
had a high prof. of  
beech



Lulie Co

Mischket

Salix nigra walnut

tulip

Syc

wh oak

redwood

approaching 2<sup>d</sup> divide

looking down Val

on left, marsh hummock

in valley, M M syc<sup>100</sup>

n. mixed beech, syc

tulip growing very  
soon to oak.

Cross divide

n n valley n.

beech tulip, A. n.

wh oak. & ~~no~~

upper mixed oak

slopes. Pine on west

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large handsome at  
creek.

Misc list

Pitch pine Papaw

Perennium

Kalmia

mag. trifidata

barrenwood

barrenwood, buckeye  
& hundred lorer

Rumex crispus in the  
otherwise beech forest

n. sugar maple

walnut, magn. tree.

Right hand slope going  
down has much  
wh. oak with beech

moss like  
shell bark tree

Arrive at Mattie  
of cross creek +  
go up stream  
Cross creek + go  
up hill away from  
it.

much exposed  
granite tillip

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Cross another divide  
moss like  
Holly  
Kalmia

along side a valley,  
(high up) over another  
divide + into other  
drainage.

Thuja occidentalis  
butternut, Juglans  
Magnolia macrophylla  
River birch

Magnolia macro.  
reproducing on  
cleared slopes.

Miss. list, Leslie Co

black oak

*Arctostaphylos*

*Polyg. sag*

*Ludr. fol*

*Penthorum*

*Ludr. alata*

*Selaginella apus*

*Ascyrum hyp*

*Aspl. platyne*

*Houstonia*

*Isobelia inflata*

*Dioclea*

*Cardamine rot*

*Sulma lyrata*

*Camp. americana*

Rockhouse Cr

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Lots of beech & wh. oak  
on westerly slope -

also Magn. spruce &  
scattered pine

Cross the river  
leave Hyde

Start up Rockhouse Cr.  
valley deep & narrow  
Slopes rise very steeply  
One westerly slope shows  
much oak

Another westerly slope  
apparently uncut: -

(next 3 p)

Big (Field glass)  
 beech  
 butternut (low) Good  
 wh. basswood buckeye M M  
 Tulip  
 ash red oak  
 hemlock (scattered on lower half)  
 S. maple  
 cucumber  
 wh. oak  
 hickory  
 changing higher to  
 more ash  
 wh. oak  
 black oak  
 hickory (soft)  
 Pyderium

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closer, and

paper holly  
 Magnolia Benzoin  
 Carpinus Amamelis  
 red maple Hydrangea  
 dogwood birch  
 Sedum vib. acerif  
 Polyst. Carolinense  
 Rhod. Viola rostr  
 Eromy amer Trill. ge  
 Mithella Adiantum  
 Arisaema Waldsteinia  
 Pteris Hepat. acut  
 Asp. mary Aralia rac  
 Compositae  
 Viola blanda  
 Meibomia  
 Phacelia Asarum marif

Heuchera, big leaf

Pilea

Cornucopia

Podophyllum

Asarum can

Arunus

red bud

raspberry

Ranunculus

Senecio

Anemone

Phlox

Iris cristata

Cent. hetero

Mitchella

all done with  
M M fork

903.2 ml

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Another slope -  
on trip, stream  
we go up

Faces

beech

basswood (more than on  
base)

red oak

wh oak

hemlock

oxydendron

tulip

dogwood

High up in this  
trail - appa gap

beech  
hasswood  
ash  
tulip  
s. maple  
hemlock  
red oak  
cucumber

Road in name &  
low slopes

High on slopes  
oaks, chestnut

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tulip, hick

Right hand slope,  
high on slope -  
mostly oak (mostly  
wh oak) a little beech, <sup>maple</sup>  
& much pine nearer  
a rock layer -  
y. & j. pine

Immediately over divide  
enter head of a ravine  
(Big Creek)

M. M. - right hand  
slope has much white  
oak, some beech,  
and s. maple, red oak

(For 4 miles, from 903 to 907)  
much fine forest (good under)

Tordson's Rd from  
Big Creek  
winged elm on Red Bird  
Senna (ferry)

Henry's Best  
Red B. Br. of  
Big Cr. (N. family  
brand near Senna  
still has its  
poplar (Mr. Green  
says)

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Clay Co.

river.

*Polygonum weddellii*

On way down Billy's Cr  
left hand side  
at bank - high - oak land -  
Canada lily -  
red bell form

Cherry - Harlan Co

Cumberland Falls  
Whitley Co  
July 24<sup>th</sup>, '37

Parthenium  
Comp. divaricata  
Magn. macro  
An upper pine  
slope  
vac. art.  
" vac + stem  
Desm. luer.  
Solidago odora  
Galactia  
Chrysopsis gram.  
" ~~ma~~  
Desm. nudif

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Asarum auf Miss list  
Cross vine  
Elephantopus vuln.  
leafy stem  
Aster phlogif  
Desm.; beardless  
Pyc. inana  
Desm. rotund  
Sensitiv. brier  
Sesocarpus as  
Stewartia  
Galax  
Ascl. variegata  
Ruellia streper



Along Trail 4-  
southerly slope  
high in slope -  
much white oak  
occ. tulip & beech  
in slight ravine

Head of a ram  
in gun

(misc)

*Salvia lyrata*

*Arctia spinosa*

*Cypripedium acaule*

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A piney slope  
has

4 pines

10 pines

virgin pine

hickory - *alba*, *globosa*

nyssa

(misc. list)

*Eup. sessilis*

*Anem. virgin.*

*Prunella lutea*

*Vitis rotundifolia*

*Chamaelirium*

*Phytolacca*

*Persea*

*Desm.* not identified

*Quercus stellata*

*Citronia*

*Ulmus alata*  
Exp verb  
" rot

July 25

ash with velocity trays  
& under leaf surfaces

Trail 14

upper slopes, northerly,  
beech  
tulip  
chestnut  
red oak  
moss  
cucumber

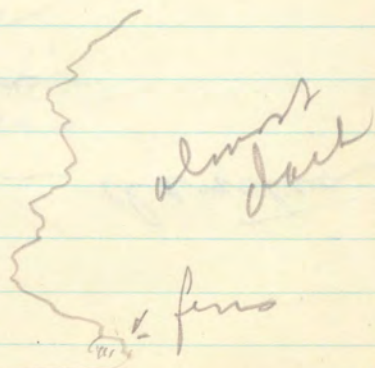
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drywood  
red tree  
Duff

Base of north facing  
overhang on trail #4  
Felsmy fern

*Smilax cuneata*  
*Tipularia*

*Desca*



almost dark  
ferns

*Thalictrum clavatum*

*Mechanica*

*Aster infernus*

High on a southerly  
slope

Y. pine  
P. pine  
nyssa

with usual decid  
saplings + dry

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sandy soil herb

Andr.

sorghastrum

— big grass

with a white oak on  
wh. oak-beech band  
intermediate on slope  
a *Dasystoma* like *laev.*  
but very pub = virg.

*Phaseolus*

*Leprosia*

*Ceanothus*

Top of pine cliff  
→ ext 1 or 2 ft or so below  
a pine - oak bench

Kalmia  
vacua

stam

Gayl <sup>trich</sup>  
in vacua

Galettia

Galax

Erythron

P. v. v.

White sand  
2nd

1 rigida

ruposa

scabra

Grosses

Zephrosia

Lespedeza sp

These Heath-Pine on  
trail 14 extended beyond  
peak, & just before it  
starts down, apparently  
to join pine trail.

Rockcastle Co

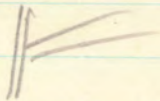
Asclep. verticillata  
dry l. s. slope

Swamp -

Habenaria

Saururus

Mimulus



Agrimonia

Adiantum

Zaytiana long

Perovnia virginica

Conocarpus tectoris

Croton monan. - Trumbull Co  
Oldham Co.

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Sept. 25, 1937

Oldham Co just  
east of Skyline

Rolling country

beech

maple

s. maple

Miscellaneous.

Ascyrum

Wh oak

sc oak

redbud

Smilax glauca

Rhus glabra

dogwood

Beech woods

beech  
elm  
S maple

Small.

ash, amer.  
mulberry  
Aralia spin  
chestnut  
persimmon  
beech

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Eup. serot.

Sol. nem

Celastrus

Elephantopus ca

Eup. white

Benzoin

Sambucus

Asemina

Collinsonia

Open

Parsonia (cuphea)

Cassia - the smooth one

blue ash

Tridax

Juniperus very

eromy ariz

Walnut

Oct 2, 1937  
Ponran Co. -

Council rd. prairie  
frat. l.  
add - Eup. sessil

Excessively dry; the prairie  
patches look drier than  
any other vegetation.

Immediately below l. s.,  
drought effects not so apparent  
even the south facing open  
pine area does not look as  
dry as the prairie patch

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Down a ridge top  
from the l. s. summit  
to a pine-oak area  
w. typ. dry s. s.  
summit plants -

*Iris verna*?

*Aster linariif*

*Cunila*

*Pteris*

*Chrys. marian*

*Aster sacculosus*

*Solidago (sp)*

*Andr. scop*

*Ascyrum*

*Gnaphalium*

*Desmodium repens*

*Leprosia*

*Vac. stans, vac. var*

*Sol. odora*

*Saxif. aster*



Penus ech.  
Quercus cocca  
Hydeob.  
Plum. rugos.  
Ch. val  
Querc. maril.

Viola pedata  
Halmia  
Eryngium

Lymn. slope south  
~~back~~ = back with  
inside v. v.

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Then drops rapidly  
into summit of  
meso ravine; -

- beech
- tulip
- Carpinus
- Benzoin
- Papaver
- logwood
- redbud
- Adeantia
- Collinsonia
- Arum
- Polystichum
- Hydrogen
- Alta cord
- Jus cristate
- Sol. hispida (?) (spm)

*Smilacina*  
*Pedicularis can*  
*Arel. quadr*  
*Bistort, vna*  
<sup>Pyren</sup>  
*Morinda*  
*Aralia rac*  
*Phryna*  
*Sal. latif* wh red

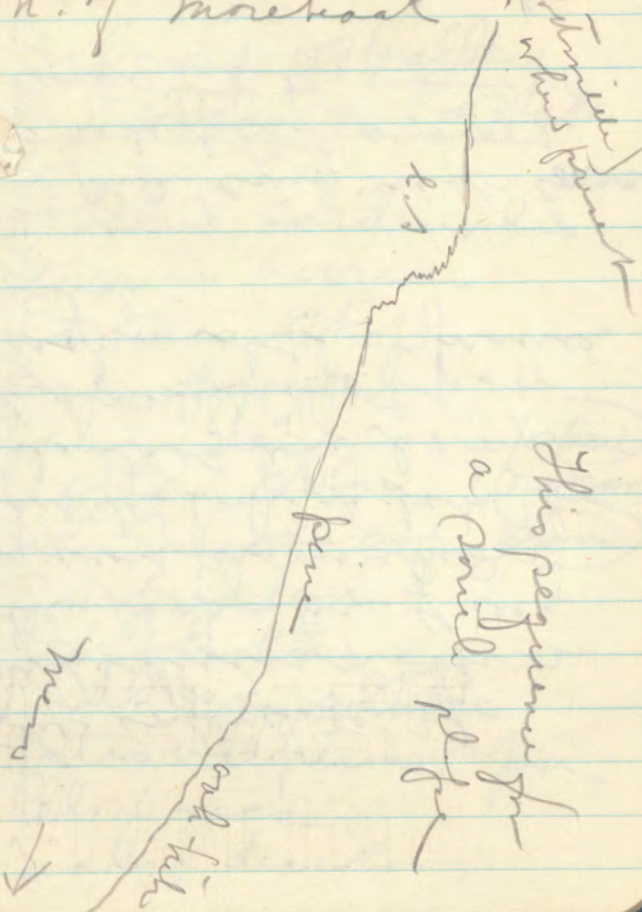
(Redd. prop. at rocky edge of ravine bed)

*Aster div*  
*Amphicarpa*

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Ridge top - massive ls  
 lower, ss., like pinnacles  
 n. of Morehead

*Cypripedium*



This region for a small plot

The influence of  
underlying rock on  
the character of veg.  
is very pronounced.  
Little overlap bet. the  
plants of the l.s. + p.s.  
l.s. on ridge tops or  
high on slope = prairie  
patch

The p.s. bench next lower  
is a typical p.s. ridge  
community.

Adjacent to the l.s.  
saddle and prairie  
slopes rise higher

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to p.s. + veg. changes  
completely again

Swamp in valley  
on Paragon Road

*Lobelia cardinalis*  
*Senecio aureus*  
*Panicum* sp.  
*Eup. purp.*  
*Gerardia* (sp.)  
*Aster* sp. ? (narrow)  
*Sol. rugosa-asp.* (sp.)  
*Juncus* sp.  
*Oxypholis*  
*Ludwigia alata*  
*Juncus vulpina* sp.  
*Phlox* mac  
*Salix discolor*

*Panicum regalis*  
*Panicum* spp  
*Juncus* spp  
*Carex* spp  
*Polygonum Sagitt*  
*Cuscuta* spp  
*Leersia* spp (big ones)  
*Chelone glabra*  
*Drops.* *triflor*  
*Onoclea sensibilis* 4 ft  
*Viola* cur? <sup>?</sup>  
*Danthonia* *claud*  
*Asp.* *thelep*  
*Apoc.* *tub*  
*Juncus* *altiss*  
*Agrimonia* *parv*

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*Saxifraga* *longif*  
*Mimulus*, *sessile*  
*Polygonum* *sp*  
*Carex*  
*Selaginella*

adj. field -  
*Asp.* *serot*

East Clark Mt Road

steep slope to summit  
Petersville cliffs

*Ferns* - *Adiantum*  
*Phlegm*  
*Asplenium*  
*Viola* *blanda*

Clintonia (black berry)  
Aspl. ff

Aspl. pinat (m rub)  
Polyp. virg " "  
Aralia spin  
Osmantha clayt  
Zeller - >

Heuch. par. rug. (m rub)  
disponi low

Leaves very abundant.

At 1 mi. (just before

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& at 2 mi.

Silene rot

Oct. 3, 1937

Along Rt. 32.

I. Near Morehead,  
on slope north from  
ditch

*Trichostema*

Hemlock place on  
bank of Tulee Cr.  
i.e., on Brushy Creek

both *Stelena*

*Scutellaria lateriflora*

*Cornus*, blue berries

*Ilex vert.*

*Chironanthus*

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*Erigeron acer*

*Carpinus*

*Magn. tripetala*

Alder

*Cephalanthus*

*Scirpus leucatus*

*Pyrus coronaria*

*Prunus amer.*

beech

*Betula nigra*

Sycamore

*Mimulus (sessile)*

*Lobelia card.*

This stream is cutting  
in Miss. sandstone  
which shows in massive  
layers in undercut  
banks. Broad alluvial  
plain, meandering

stream, alternating  
flats & forested undercuts,  
leading up to a  
strath (Parker strath)  
which is rolling land,  
above which the higher  
mts. rise. Topography  
as in nearby Triplett  
Creek, as of May 2

