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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.

24

F. LUCY BRAUN  
2702, May St.  
Cincinnati, O.

June 1. Warsaw, Ghent,  
Sanders, Orwinton 100

June 24. Cin. - Berea - London

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~~London~~  
Cumb. Falls

" 25 Cumb. Falls &  
down river

" 26, river to du Pont Lodge  
Cumb. F. - Cin.

436

Sept. 25. Cin. - Corbin

" 26. Around London,  
toward Rockcastle  
Springs: to Manchester

" 27. To Morehead - Clearwater -  
Paragon 640

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June 1.

River bank Gallatin Co  
east of Warsaw

*Lobelia*

*lites cord.*

*Scirpus*

*Smilax hisp.*

*Stachys*

*Aster per.*

*Compositae sepium* & *Sporocarpium*

*Aquilegia tuberosa*

*Lygnetum arven.*

*Loasium*

*Amorpha fruticosa*

*Populus delt.*

*Acer sacchari*

*Rhus tox.*

*Salix longi.*

*Sycamore*

*Cornus, spec.*

Baptisia australis  
Ulmus americana  
Frax. lance

Menodora, not there

Grasses - ?

Ambrosia trif  
Lycium  
Helianthus tub

Apocynum, tall & prostrate

Rumex, smooth luteus

Prunus americana

Crot. - ?

Walnut

h. locust

Menispermum

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Acer glabrum

Sambucus

Symphoricarpos orbic.

West of Warsaw

a small swamp

Ranunculus scell.

Crucifer, spm

Alisma

Eleocharis

Lippia

Carex spp

Scirpus atrov

Carroll Co (a. fr. them)

Buck, walnut, sugar

Syc. honey locust, hickory

m. box elder, Va Creeper

wh. elm, oak miller

red cedar, red bud

chestnut oak

mulberry, scarlet oak

*Symphoricarpos*  
 Poison ivy, wh. ash  
 wh. oak, shell bark  
 Enough beech, s. maple  
 & walnut to indicate  
 m., m. slopes,  
 tulip, bl. oak  
 Sambucus, yarrow &  
 Elderberry, *Prunus*  
*serotina*, blue ash,  
 mosses, *Rolundia*  
*aculeata glabra*,

Open Co.

Birch, tra, red cherry,  
 white & dia, syc  
 sugar maple, *Rolundia* &  
 honey locust, red bud  
 bl. willow, red oak  
 walnut, chestnut oak  
a woods m. tulip, beech

m. & wh. oak, walnut  
 ash, sugar m. will  
 cherry (a m. m.)  
 interesting, on 227,  
 e. of junction n. 47.

June 24

Orange milkweed -  
 Scott Co  
 Madison

Saururus -  
 swampy, Rockcastle  
 nr Borne

June 24, 1936

Limestone slopes  
N. of N. Vernon

of Rockcastle Co

Orange mulberry

gray celtis

persimmon Walnut

cedar *Celastrus*

dogwood

*Rhamnus car*

red tree

*Sol. alt.*

" *nem*

*Despedeza* spp

*Aster pilosus*

*Hieracium pum.*

*Desmodium* spp

" *potent*

*Ruellia ciliosa*

*Rubria cypar.*

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(Rockcastle R. bank woods

W. R. Co.

Revisited place of 1935 to  
in Laurel Co

June 24, 1936

London Swamp

Rheum is common  
Asters in bloom

Helenium nudif

Spiraea is common

Lynnia - ? much flowers  
+ musty odor  
A kind of Azalea -  
red  
- ?

Large clumps of Papyrus  
incl. up to five ft tall

Samolus repens 4 1/2 ft  
5 ft  
Trautvetteria.

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New Wood - a patch  
green fringed Halenaria  
Asp. Thelypteris  
Iris prunell

In woods - various  
in camp from

Beech - oak  
Red maple - pin oak,  
but w. sir gum

Aspl. ft  
Asp. n b

Polyp. sag.  
Cardamine pratensis

On south side of London  
on near U.S. 25

head of a stream, many

Phlox mac  
Lobelia vert  
gerardia  
Soll. rugosa

Spiraea tom  
Pyrus  
Alnus  
Lycium

Carex spp  
Scirpus atr

Pteris  
Psoralea pedunc

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### Cumberland Falls

June 25 Whitley Co

Slopes of river - steep -  
hemlock tulip  
yellow pine magnolia  
spruce gum Quercus prinus  
white oak Chestnut  
red maple

Sassa.

Hamanalis - tall bac  
Asimina Oxydendron  
Kalmia holly  
Nyssa magnolia  
dogwood Clethra  
Styractea Amel.



Holcus, Cani  
Sol. caesiin  
Asp. marg.  
Polystich  
Asarum arif

Vitis rot

Smilacina

Smilax glauca

Viola blanda

Galax

~~Staph.~~ quad.

Osmoda cin

Selaginella apu

(open)

Salvia lyrata

~~Morinda incana~~

Pycnanthemum

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Crataegus spirose

Rhus tox

Pteris

Smilax hisp

Care

Higher - a pine patib

Crepis major

Sol. odora

Quercus dig (falcata)

Opine

Eup. rot

Desm. rot

Helianthus murex

Stipa (various grasses that  
is on Yabow ridge)

Smilax b n x

vac. vac  
Rhus cop  
tr. arbutus  
Gaultheria  
Lanthonia  
Lespedeza hirta  
Heracium venosum

A panic

Rhodod  
Mitchella  
Evony. amer

Gayl. brachyera  
a dom. grass cover  
on a s.s. ledge,  
with Kalmia  
Andr. scop

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~~Agrostis~~  
Galax  
Lycop. obs

In 1895

Sandstone blocks  
with moss mats &  
Cladonia in blue  
is Gayl. brach.

Aspl. mont.

Viburn. acer

Viola prin on a damp  
spot below a rock

Another s.s. Rock  
add  
Gayl. baccata with bark  
Mitchella

Campanula divar. on  
face of cliff

Hieracium par. rug  
Silene rotund  
Aster div. Polyp. rug

Cliffy slopes with  
thick Kalmia layer

Hemlock

Q. prinus

beech

tulip

chestnut

magnolia

red maple

A rich prairie of  
this type - 2.6  
hemlock, maple, oak

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lots of Sarracenia  
holly, Kalmia + Rhod

Taraxacum

Bunches of sphagnum  
asp. n. f.

Xanthoxylum apif

Asp. spin.

In general, forest of steep  
slope below surface of  
cliffs is  
hemlock, oak, magnolia,  
w. oak, beech, etc.  
# (Picture 4)

Arisaema trif.

Pteris

Magnolia

Iris crist  
Medeola

Clasp. lanug

Betula allef

Phygas ~~test~~ phyg.

Epifagus

Leucocorea villosa

Urnularia perf Amnifera

Polyp. bill

Trellis pyram

An area of

hemlock, spruce

beech tulip ~~pyg~~

hemlock ###T###|||

beech TTTT|||

tulip |||

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red maple ||

aspen ||

holly |||

birch |

butcher |

s. maple |||

Oxeye |

Quercus bor. may |

This area has many

trif. clethra, etc

various herbs as listed

above

lots of Asarum arif (spec)

Adiantum

Eup. white

Hydrangea

Eup. Joe pye

Trill. erectum

Hydr. can.  
(O. Serch. spec on rock)

Slyphorion

Sol. latifolia

Ran. recur.

Impatiens pallida

Aspl. arrost

Arum

Querc. can.

Raportia

big basswood, green  
(Spec)

Camptocorus

Sedum tern

Meehania

Benzoia

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River slopes - winged elm

Syc. - boxelder

sh. gum - wh. elm

silver maple - R. birch

hackberry - tulip -

valerian - Oalpinus

Arundinaria - Fragaria

Cryptota -

Aster par -

Polyg. very - Polyg. common

Aspl. arrost

Phytolacca

Calliphylle

tall Thalictrum

Merisip

The inner river slopes -

wh elm, birch, syc

Arum - Ulna

Tradesiota flex.  
Spec

Chelone

Arcaea. lute.

Menisperm

Arisaema drac  
bloodroot

Cross vine Passiflora lutea

reddish

Piperularia

Arunus

Xanthox.

Fraxinella

with lvs. lvs. 18 in. across

Azalea (white to pale)

Osmondia reg.

Umbellifer (Spec)

Gillenia trif

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~~As~~

Asclepias phyt.

Viola prostr. or (Spec)

Vitis bicolor

Under p. 2 orchard <sup>marsh</sup>

Thalict. clavate

Eup. - ? Spec.

Xanth.

Cystop bulb.

Picturob

Heuchera, beyond

Cypr. acule

Back to river slope:

Alisma

Coreopsis trip

Euphorbia cor

bac. arbor.  
Lilac corea  
Sulphur tree

River bank - sand  
among rocks -

tall grass

Euph. cr.

Trautvetteria

Aster lin.

Cenchrus glaucus

Lyale

Gray lane

Osmunda frag.

Xanth.

Cornus (spec)

Aster latif.

Umbellifer (spec)

Solidago racemosa

(basal rosette spec)

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Euphorbia

Urtica pers. (spec)

Lichospora

Silene stellata

Clem. vinn.

In low flat above  
river, + downstream  
from SP stone marker  
is large patch of  
erigeron pulch. Braunii  
The mature prosettes  
have lvs. much less  
appr. to ground

Aristolochia seep

Clematis purg.

Arist. m. s. s.

Silene virg.

Terom. rad.

*Spruce* <sup>lacunosa</sup> little white  
in sand on shore

*Itea*

*Physostegia* short,  
like South Fork

*Maianthemum*

*Rhodod. virginicum* <sup>about 4 ft</sup>

*Tradescantia*, glaucous

*Osmunda* Cluyst

*Senecio aureus*

*Hypericum*, cross  
form like South Fork

*Hyper.* prolf

*Lynx*

Alder

*Carpinus*

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Top of bluff - south  
looking toward slopes  
above C, F, H,

*Pinus ech., rig., virginiana*  
a pine slope above  
cliffs with

*Kalmia*  
vac. urb.

*vac. vac.*

*Quillaja*

*Pteris*

*Tephrosia*

*Sol. odora*

big *Sanicula* = *Doerfl.*

*Cephalanthus*

July 29, 1936  
C. H. S. F.



Top of bluff - south  
looking toward slope  
above C, F, H.

Pinus ech., rig, virg  
a pine slope above  
cliffs with

Kalmia  
vac. urb

vac. vac

Gaultheria

Pteris

Tephrosia

Sol. odora

big Danthonia - Deser.

Epipactis herba

Smilax glauca

Orc. small red maggy

Nyssa

D. dig

Amel

vac. stam

Leichen rac.

July  
29, 1936  
C. F. H.

Eup. sev.

Ludwigia altern

Juncus eff.

Tephrosia

Chrysopsis mar

Serico. asteroides

Eleph. tom.

Coreopsis aur. pub

Melica - 2 spec.

This half, mid. cont 7.

Upstream of trail  
jet. no fls  
above river - add

*Amphicarpus*  
verb. alt = *Actinomeris*

*Sambucus*

Green v. - *Hylanthus*

Wet spot river

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*Commelina* ??

*Salix nigra*

*Zoehneria*

*Apocynum*

*Leersia*, p. c. g.

*Scutell. laterif.*

*Cephalanthus*

Trip of "Society of American Foresters"

Sept 26 - on  
toward Rockhouse. For

Beyond fire tower  
See map of Cumb. Falls  
section of Cumb. Nat. Forest

This a fifth acre  
sample plot + that  
is at edge of 8000 acre "virgin  
forest"

Stepping down of  
plateau - shallow  
open valley -

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2 of pine	2
Wh. oak	8
tulip	4
Nyssa	1
red oak	1
hickory	2
	<hr/> 18

Under

dogwood  
Oxal  
red maple  
Amel  
Dex  
hickory

Scattered vac. & gangl  
vac.  
stem

poor herb. layer

*Carex major*

*Losp*  
vac yferr

*Ermog. amer*

*Polystich*

*Gerani*

*Ilex*

*Erigeron pulch*

*bet. acarif*

*Pesum. rotund*

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*Sol. caesa*

*Collinsonia*

*Phegopt*

*Osmunda reg*

*Aster umbellatus*

Scattered vac. & grass  
vac. <sup>stone</sup>

poor herb. layer

*Cyperus major*

*Lycopodium*

*Erigeron annuus*

Along area, cont. big tree

is small

Here & there a small  
herb

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Lamb Qu

Misc.  
list

*Verbena* (the "redhead"  
(also in Rockcastle Co))

*Perilla*

*Chrysopsis* *mariana*  
*graminifolia*

*Aster linearifolius*

*Empetrum* *serotinum*

Sept 27

East of Salt Lake

White Oak Bath Co

Sweet gum

S. dig State

pin oak

Nyssa

red maple

occ. beech

Iron pine

Sol. myrica

Aster (spore)

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Krigia

Mitchell.

Eriny. amer

<sup>Stearonema</sup>  
~~hyper~~ lanceolate

Ascyrum hyper.

Viola primul.

Hebeacium (spore)

Prenanthes reflex? (spore)

occ. vac vac

Spiraea tomentosa

Epifagus

Eleph. carol

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Ditch, east edge Bath  
Co  
Bidens trichosperma (sp. n.)  
Seerser, Rice Edge also Fleming Co.

Morehead to  
Clearwater -  
to Paragon

Rowan Co.

Turn south before reaching  
Morehead, to Clearwater,  
& right, across creek.

To reach fire tower, pass  
CC camp & turn left

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Cearum ca

V. blanda

Hepatica

Spargelia

Disporum low.

Sol., latif. & caesia.

Polypodium

Geranium

Cimicif

Aster dis

Colusonia

Hydrangea arb

Disporum low.



Asp. n. l. Benzen

Adiantum

Blasocrea

Asm. clayt

Rhegyp

Trisoret

Rhod.

Aralia sp. n. s.

Melania

Erica palustris

Eomyzus arer

Vib. acerif

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Magn. acer

Asp. marginale

" sp. n.

Amurca rose

Viola blanda

Senecio aureus

Above on young 2nd gr  
stand, Imp. cutting

Sample plot slope

Along stream;

Aster frum  
Eup. mac doubled  
Aca. parry cutting  
Phlox mac yellow  
Sul canad

Cornus, blue berries  
Mimulus, <sup>altus</sup> sessile  
Scirpus crisp  
Sudr. ~~data~~ altern  
Sob <sup>alago</sup> altus  
9

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Misc list; Rowan Co.

~~Sol.~~  
Eup. serot  
Cattail  
Erechtites hier  
Trichostema  
Solidago nem  
Sidera lypte  
Eup. collest.  
monu rubra  
Rubus  
tulip  
Polyg. sag  
Witch hazel

Kalmia

Cassia nutt

Lobelia sylf

Eup. perf

Actinomeria alt.

Panicum erusga

Equisetum

Opis tuberosa

Rhus copall

Mesadenia

Psedera

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Prairie community

on road out of  
Morehead - Clearwater

Physiologic

Sorghastrum

Aster laevis

Euph. cordata

Ascl. tub

Eup - ?

" - sessil.

Coreopsis trifida

Aster umbellatus?

Solidago rigida (sp. m)

Gentiana (pole)

Erigeron pulch

*Silphium tereb* (lots)

*Ceanothus americanus*  
(red)

*Silphium tref*  
(Percina)

*Ruellia ciliosa*

*Helianthus hirsutus*

*Lespedeza* (vul, not mud)

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[When disturbed,

prairie dock  
*Sul. rig.* & *Helianthus*

(not abundant)

*Leatris*

*Eryngium yuccifolium*

(Soil very dark)

grading down to gravel

clay

*Androsace* *fulva*

" *scop*  
*Schizanthus*

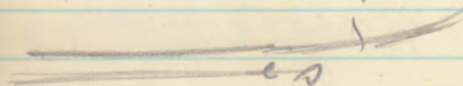
*Gerardia* *dasy*

*Helianthus*  
(small flower, spm)

---

The above prairie occupies ridge tops & shelves just below top which is underlain by the uppermost l. s. of the Miss.

It stops abruptly at the upper contact where slopes rise abruptly to the summit remnants which are capped in s.s.



Soil in prairie is dark & deep

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The areas observed are between 5 and 8 miles from Clearwater field  
Such small trees as are in prairie are red bud, persimmon, small hickberry (spm) etc

Picture

4. Cliff, down trail  
from Cut Falls

in hemlock-oak-forest

5. From observ. tower  
looking across stream  
tops of trees in foreground  
(left to r.) beech, redf.,  
alder.

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across, much hemlock

6. Under overhang, with  
spring - showing  
bed of *Thalictrum*  
*clavatum* & *Eup* - ?  
(grass, *Pseud.*)

7. Upstream from  
farthest down place

8. Down from same

9. Looking out from  
under overhang  
at spring

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June 24-26, 1936

Start at 1244

gas, 10 at Cin. 1.95

" 6 " London 1.35

" 7 " Stanford 1.54

End at 1694

450 miles