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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.



MEMORANDUM  
BOOK

Digitized by [Herbert D. Kuhn](#) at [Documentation](#)

R-210-Open Side  
R-211-Open End

E. LUCY BRAUN  
2702 MAY ST.  
CINCINNATI,  
OHIO

9.73 mi

1939. Ky. 38

Sept. 22. Blue Lick, Ky. 156 mi.

Oct. 20. Cin. - Mt Sterling

21 Red River valley, }  
Wolfpen Creek } 385 mi.

22 Brokeleg Creek

Nov. 18. Henry Co. (e. of Defoe)  
and Franklin Co. 200

Dec. 9. Up river from Warsaw,  
Gallatin Co.

Apr. 13, 1940. Cin. to Stearns.  
Woods w. of Somerset,  
Pulaski Co. - Fishing Cr.

Apr. 14 Lick Fork of Bear Cr.,  
McCreary Co.

Apr. 15. To Monticello + out all  
roads in Monticello area  
OVER

April 16. Beaver Creek,  
near Monticello, from  
highway bridge to Falls,  
and S. side of Elk Spring Cr.

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Fleming Co Sept 22, 1939

S. of Fairview

Cedar

Lespedeza virg (spn)

" (spn)

Kuhnia Ruellia (spn)

Prunus amer

rubra

mulberry

Rhus glabra

---

Solidago (spn)

Helianthus } the big one  
marmor.

Aster } Fleming

Sol. alt. } rich

Helianthus aut. - marmor

Nicholas Co

opp Blue Lick State Park  
Prairie slope: -

Qu. muhlenbergii	alba
Celtis	spina - dwarf
Carya cord	big trees
Yucca	
Ulmus fulva	Q. muhlenbergii
Asimina	Q. bor. max
Acer sacch	Frag.
vib. rufid	Ulmus americana
Cercis	Acer sacch
Symph	beech (unclear)
Frax. amer	Q. alba
Eup. urtica	Q. - fr. t. spina
Prenanthes	Liriodendron
Benzoin	Frag. quad
Juglans nigra	Celtis occ
	Ulmus

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Aster laterif	
Sambuca	spina
Evony. atrop	
Smilax hispida	
Rhus tox	
Juniperus virg	
Calastres	Carpinus
Sedum stern	Ostrya
Morus rubra	Carya ovata
Cornus flor	Hydrangea
Myrs	Acer sacch nig
Aster cord	Smokk, hairy
Vitis cord	Frag. britan
vib. prunif	Smilac. rac.
Sol. latif	Prunus serot
Ulmus amer	Pedera
Cinixif rac	Pilaea
Qu. bor. max	Celtis occ
Carya cord	Asarum can
Fagus	Frag. quad
Epifagus	Gymnocladia

Camp. Amer  
Arceuthobium

The ravine slopes are  
M. M. with beech, maple  
b. t. oak, tulip & ash  
mostly.  
The 2 muhl. is higher  
in slope

Phlox div.  
Lithosp. (the pale yellow one)  
Polyg. virg  
Poll. mon. reptans <sup>smooth</sup>  
Desm. paucif  
Cryptotaen  
Euphor. com  
Clein. virg  
Aquilegia

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Along the Licking R.  
with elm & syc  
Geesia, nos rec  
box elder  
Aster panic

Erigeron pulch.

Inside of Blue Lick State Ph  
Qu. stellata

" occidua

" muhl

<u>Juniperus</u>	Derm. rot
Redbud	Fraseria
dogwood	Eup. alt
bit. ref	Solid nem
Qu. imbr	Lobelia infl
	Sabovia leptota
Hyper (sp.)	Ruellia, like
Ruellia ciliosa	(sp.)
Rosa selby	Menisp

Other side of river  
 Cacalia ~~like~~ Cumb. 7 sp.  
 Zizia aurea (sp.)  
 Camp. Amer  
 Aquil. | Huhnia  
 Arist. serp. Sol. ulm. (sp.)  
 Vicia carol Desm. rot

Misc.

Bidens bipin  
 Ranunc. cap.  
 " dich-flor  
 Heleni aut  
 Camp. amer  
 Redd. bul  
 Echm. crugall  
 Lippia  
 Legit sang  
 Cassia neck  
 Sicyo

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Robertson Co  
 Muscidusson  
~~Richardson Co (on 165)~~  
 Eup. Colect Eup. alt.  
 " perfoliatum  
 Asclepias speciosa  
 Ohio Buckeye  
 Sol. granini  
 Sacc  
 Persimmon tulip  
 Juniper s. maple  
 Sycamore gledits.  
 Rhuscopallina Helont  
 Punica peritine wh. oak  
 Cereis  
 Q. stellata  
 Q. rubricaria  
 Similar glaucu  
 New Eng Aster

Harris Co  
New England

Brocken Co

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Oct. 21, 39

Red River Gorge

Wolfpen Cr., Menifee Co

Chrysop. gram.

" morum

Hepaticablossif

Evonym. amek

Salvia lyrata

~~Asplen. adn.~~ pal.

Agro. parvif

Eupactis

Crossvine

Stein Muc



mess slope w.  
beech, hemlock,  
wh. pine, tickle,  
cucumber, bracken  
Tilia buttercup  
Phlox divar. Walnut  
Mechanica

Emp. coelest  
Polernone repens (gl)  
broca blanda

Mensperum

Kylinia

Aralia spence

Hystrix

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Wintergreen

Epigaea

Mitchell

vit. acerif

Solid. odora

Tipularia

Clethra

slisp lan

Lirca

Walkey fern

Brookley Falls

Oct 2 E. Menifee Co

Steuclera parv. rug  
Thal. clavatum  
Selenia rot

aster div

Aquilegia

Viola blanda

Erygia

Aspl. mont

Syl. lucid

aspl. penn

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The forest of gorge is

hemlock

hickory

Bet Nettle

Magn. macro big

bulletwood

chestnut

Dryd

Carya

red oak

beech

ch oak

Cucumber

piper

holly

Rhod

dogwood

red maple

Amel. can

Clethra

Dryd

Galmea

~~Sp. ...~~

Ilex

Nyssa

Magn. trif

" macro  
Arctia spem

Asp. mang  
Osm. cin  
Asp. n b

Medulla in wet place

The s. e. face with  
more of the ch., red oak,  
etc.

Going around angle of cliff  
to a n. e. face,  
more beech,

truly  
rotted by tulip stumps  
many good 1 ft diam trees

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Near head of trail -  
yellow birch

Medulla

The flat has a lot  
of 2nd gr. tulip,  
& big stumps

Frenchburg - Morehead  
via Beaver Cr. & Clack Mt  
In Beaver Cr.  
White Pine  
*Viola latifolia* on  
l.s. cliffs

White pine extends  
about to the Licking R.  
down Beaver

On Clack Mt. at about  
8 mi. from Morehead,  
aces of *Eriophorum*  
with the prairie grasses,  
& a path starts down  
slope thru the grasses  
on opp side of rd. from  
cleared valley

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In Beaver Creek, lots  
of beech on dry lower  
slopes of l.s. and shale

Nov. 18.

Miss.

*Evonymus atr.* -

Gallatin, Carroll, Henry

*Asclepias incarnata*

Henry, Franklin

*Gymnocladus*

Henry, Franklin

Symph. oct. - <sup>Boone</sup> Gall., Carroll

Trimble, Henry, Franklin

Frost. quad. - <sup>Owen</sup> Shelby, Henry

Route: - Cin. to Carrollton  
on 42, then to New-Castle,  
+ on 37 thru Defoe to  
Frankfort, to Oventon,  
to Warsaw, to Cin.

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East of Defoe - Henry Co  
on Ky 37.

Cedar

*Carya ovata*

" *cordif*

An oak-cedar  
slake

*Qu. muhlt.*

*Juglans nigra*

*Dubius b. f.*

Sycamore

*Tridens flavus*

Ant. plant

*Rub. virg.*

Raspberries

*Graph. polyg.*

*Rub. b. f.*

*Rhus glabra*

*Ceris canadensis*

*Panicum flexile* (or like)

sp. from Rich. Co of Sept 22

*Rosa setigera*

Viburnum purifid + prunif  
Smilax hispida  
Prunus serot  
Celastrus  
Evonym alrop  
Rhamnus carol  
Gleditsia  
Bromus (spm)  
some kind of a liliace (spm)  
Salvia lyrata  
Sol. atlas  
Frag bilt. + amer  
Acer sacch + myrum  
Solidago latif  
Aster shorte  
" laterif  
Senecio obov  
Botrych ~~ten~~ rbl.  
Campanula amer

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Celtis, like Gratz spm  
Ulmus amer

Monarda fest.  
Rhus topi  
Sassafras  
Tecoma  
Dianthus amer

Viola striata  
Actin. altern  
box elder  
black melon  
Gonolobus laevis  
Anemone verg  
Ohio buckeye

(a little farther  
along, in  
valley n<sup>r</sup>  
big bend of  
6 mi. creek

Verberina white  
Ostrya  
Frag quadr  
bladder

Bluffs of 6-mi Creek  
 at big loop, wooded:  
 blue ash } Stump Co  
 Tilia

Acer sacch. nigra } large  
 Q. bor. max } trees  
 Q. schneikeri  
 red elm  
 ash ash } redbud  
 } Ostrya  
 } bladder

Galium core  
 Lonicera  
 Phlox div.  
 Sol. latif  
 Sedum tern

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Eleocharis  
 Aster pan.

Agastache rep (also Franklin  
 Co.)

Ridge just after  
 entering Franklin Co. at  
 Pleasant View Church  
 Oak Woods; —

wh. oak	###	###	###	###	###	###	27
walnut							2
Q. michx							3
Carya ovata							3
red? oak	###						5
wh. ash	1						1
beech	in ravine						

slope facing south

Several other similar patches  
 of oak woods on other slopes  
 nearby

Small -

Frax. amer. + hirt  
redbud

Q. alba, muhl

Carya ovata + glabra

Acer sacch

Ulmus fulva

Vitis bicolor

cedar

Prunus serot

dogwood

hibern. prof

Eup. urtic

Phlox div

Silene virg

Celastrus

Solidago ulmif

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Cliffs of Benson Cr. nr

Frankfort, Franklin Co

Aster oblong

Hysteris

Solid. ulmif

Eup. alt.

Penst. - ?

Celtis (yellow berries like Gray)

lots of Begonia coper

---

Phoradendron - Franklin Co

---

All the dissected country  
traversed is denuded + mostly  
badly overgrazed. This very  
hill section, from Defoe in  
Henry Co, to Frankfort +  
north to + beyond Denton,  
is mostly 2nd growth oak  
+ cedar, though the



occasional beech tree  
half dead, low on a slope  
and the occ. tulip tree  
(one large one seen) near tops  
of hills suggests that  
the original cover was  
much better than the  
poor oak & cedar scrub.

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Gallatin Co Dec 9

River bank up from  
Warsaw to mouth of Big Bone Cr.

*Eragrostis hyemalis*  
*Helianthus*

Misc -

*Gonolobus laevis*  
*Thermopsis*  
*Celastrus*  
*Juglans nigra*  
Oak elm  
Rue  
*Glycyrrhiza*  
*Helianthus tub.*  
Paper  
*Aster novae angliae*  
*Euph. perot*  
*Salix nigra*  
*Bambusa*

Mulberry  
blackberry  
Secoma  
climbing buckberry  
sycamore  
Aledtsia + Robora  
Smilax hispida  
Phytolacca  
blackberry  
Rhus glabra  
Juniperus vrg  
Amorpha  
box elder  
Rhus typhina  
Solid. Canadensis  
Acer saccharinum  
Andr. virginicus  
Populus deltoides  
Lixim. nummif.  
Carya cord.

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Rocky river shore

Amorpha frut  
Passiflora vrg  
Hesperanthus  
Baptisia  
red-stem dogwood  
Cuscuta, 2 spp (spn)  
Eragrostis (spn)  
Potentilla canad  
Sporobolus (spn)  
Spermacoce glabra (spn)  
Spartina  
Frax. lance  
Cephalanthus  
Strophostyles helv  
Eupat. col.

Artemisia annua  
Bignonia capr.  
Ohio buckeye

*Agastache nefa.*  
*Eubonym. atro*

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En Route, Apr. 13, 1940

via rt. 68 - Brooklyn Br.  
Saxifrage on both sides of river  
Dutchman's br. on S. side

Boyle Co -  
Saxifrage  
Shooting star  
redbud  
redcedar

*Gymnocladus* - Fayette Co

Apr. 13, 1940.

Jurpin's Branch  
of Fishing Creek  
W. of Somerset, Pulaski Co  
Apr. 13.

beech	dogwood
tulip	Amel.
sh. hick	beech
S. maple, seed.	s. maple
Aesc. oct.	Magn. trij.
elm-	Prunus ser.
Prunus pers.	redbud
Qu. bor. max	Aesc oct.
Ulmus fulva	Hydrangea
Frax. <del>amer</del>	Benzoin
	Sambucus
	Magn. acum.
	Carpinus

Aspl. acrost  
Aspl. angust  
Polypodium  
Adiantum  
dogwood  
Amel.  
Iris crist  
Hep. obtus  
Phlox dir.  
Anemone lla  
Cynogloss  
Geranium  
Poa cus  
Carex sp  
Chamae  
Trillium sessile sp + y. hageri?  
Sedum terr  
Can. hisp  
Sanguinaria  
Podophyllum  
Croc. canad  
Hentaria lac  
Pachysandra, very abund in soil  
Hydrophyllum canad

A belt at a shaly horiz is a  
 little diff. + also is diff  
 Pedicularis can in aff  
 Dryd Diff. is  
 vac. coryz negligible

*Eryngium amer*

A flat on Turpin's Br  
 has  
 beech lots of *Eryngium amer*  
 tulip occ. *rylonore*  
 bushy *Carpinus*  
 wh oak, red oak  
 sh. b. hick *Juglans nigra*  
*Kalmia* low creek bluffs  
 in woods *Clayt. Carol*  
*Carex, bidels, spm*  
*Arenaria*

*Viola rostrata*

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Southerly slope in  
 ravine is

Beech dogwood  
 wh oak vac. corymb  
 red oak Amel. can

*Pedicularis* *Witchhazel*  
*Sipular* *Hepatica alt*  
*Krigia amplex*  
*Iris crist*

*Aplectrum*

*Viola blanda* - creek bed  
*Utricularia grand*  
 hairy *Osmorh*  
*Arisaema lynch*  
*Epipactis*

going up lane  
 Smilacina racemosa  
 Stellaria pubera  
 Discopalustris  
 Juglans cinerea  
 Acer rubrum  
 Solidago coesua  
 Ant. sativum

Steep Kalmia slope,  
 S. & W.

Gaultheria - in l. s.  
 Lycopodium  
 Vaccinium

small ones  
 " bush

Monarda pauciflora  
 Krigia  
 Phlox amoen

Sulphur truffle  
 vib. pubes

Ranunculus sp.  
 Antenn. plant

Ostrea  
 red cedar

Conopholis  
 Oryzopsis

Back in big prairie  
 raspberry

Erythra. amer  
 Phlox  
 Sedum tern

Bloodroot  
 Clayt car  
 Herb. dupl

Asarum acun

Plants up toward car  
 Hypoxis  
 Ceanothus  
 Asar. hyp  
 Andr. fusc

over

Fishing Cr. cuts deep  
valley into Miss. Plat.  
Turpin's Branch - slopes  
of various directions,  
vary in mesophytem.  
South look soil in places,  
seem to have eroded?  
after cutting?  
Most of area has native  
soil, gray-brown with  
rich mull humus

Cuts along rd. on Plateau  
show about 5 ft of yellow  
leached soil + below,  
red.  
In places, red on top.

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April 14

Beaver Creek, McCreary Co.

pine ridge top  
*Senecio Smaller*

in stream  
*Lycopodium*  
*Magn. macro*

Back to car - wrong ridge

Down, over Box/Huckleberry  
point to stream - flowing N  
Stream flat  
Beech                      lots of sand gr.  
red maple                wh oak  
                                 tulip  
                                 red oak  
                                 Amel  
                                 Magn tree

Bambusa	Kalmia
Asarum	Rhod
Chimaphila	holley
Asplenium	Benzoin
Iris crist	Hydrangea
Viola hays	Ulex
Poa cuspidata	Arctostaphylos
Hep. obt	
Trillium	
Aster div	

2nd growth on sub slope  
 Sepulchrum (S slope)  
 Compositae above  
 Stenactis in valley  
 Cardamine rotundifolia  
 in springy place

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Betula nigra

A s.s. slab as ft  
 of N slope - has much  
 moss

Polytrichum  
 T. rugosum  
 Aster div  
 Tr. grand  
 walking fern  
 Adiantum  
 Trillium  
 Polypodium  
 Asplenium  
 Viola rostrata

(Lack of herb. plants except  
 in places as above prob due  
 to pigs in part)



Further down stream, below  
where 1st l. s. appears  
in creek, woods not so  
disturbed S.E. slope

beech  
s. maple  
wh oak  
sh l beech  
walnut  
tulip  
cucumber

Beech  
Carp  
Paper  
Crossvine  
dogwood  
redbud

dent. ~~depth~~ hetero Phlox  
Clay. wag  
Pachysandra  
bloodroot  
spotted Tulle  
Eryth amer

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Other slope of Creek →  
N N W

beech  
s maple  
red oak  
ash  
Tilia  
tulip  
walnut  
Cucumber  
wh oak  
cherry

Carpinus  
beech  
hick  
red oak  
ash, red  
s maple  
Hicoria  
Benzoin  
Hydr.  
Paper  
Cucumber

Hep. obt  
Pachys  
Polyst  
Tupelaria  
Sarcocolla  
Asarum  
Eryth amer  
spotted Tulle  
Phlox dir

Arenonella  
Adiantum  
Geranium  
Bloodroot  
dent lac  
Caulophylla

Apr 15

Monticello Rd.

Wayne Co -

Viola raf. (blue)

Flat had large rh. oak + Tulip  
& - oak, Cherry

<sup>SE</sup> Dog mount on Cooperville rd  
Holly  
Bamboo

Misc, Wayne Co.

Ran. abortivus

Geranium car

Perilla

Wh. verbesina

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Spms, for nos. Wayne Co

1	Viola raf	} K. of Mont.
	strata verna	
	Erysimum	} Cooperville Rd
	Carex (leptocoma)	
	Botrychium	
	Opuntia	
	Aplectanem	
	Juin Leaf - grey rd	
	Hepatica acut.	Cooper rd
	Spiza Trillium	levis odor
	Phlox des	

Beaver Creek

Andr. Elliotts, Paisley

Cornus

Hentaria mult

Euph. grac

Jenais obovatus ?

Blodanchem

Viola hirsutula

Physandra

Ruzula

Viola palmata

Hentaria ?

Bumelia ?

Misc Wayne Co  
Carya alba

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N. of Cooperville, where  
rd goes up over a hill.

Dry l. s. slope - smooth  
rounded top

Bignonia capre	Podoph
Stentaria lac	Sabina lyr
Zosera	Tr., spotted yellow
Trees:-	Evony. atrop
White oak	Camptocorus
dogwood	Pellaea atrop (pub)
hackberry - A. oct.	Rhamnus can
red cedar	lib. ruf
Carya glabra	red lead
s. maple (sacch)	Carpinus
Q. stellata	amb. virg
Juglans uncinata	Cynogl. virg
Ulmus fulva	Thuides flava
Carya ovata	Seneciop. malle
ash.	Cactus
holly	Hyp. alba

Curving slightly around  
Inland N.

Beech	Chamaepitys
wh. oak	Ostrya
hick	Blepharocedrus
red oak	Smilax b. n.
- oak (b.t)	(scuffy)
tulip	Geranium
s. maple	Small stuff
sh. h. hick	as on p. before
dogwood	Agave
red bud	Anem. virg.
ash - F. amer.	
(y. green Tullia same as Pulaski + McClellan)	
walnut	Rhus car.
Myssa	Allium car.
	Anemone
	Polystichum

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Pinus virg. on top of hill

Ulmus alata

East slope - Beech

Phlox div.

Q. dig.

Q. montana

Aplectron

Tipularia

Sedum ternatum

Delphinium trevorne

Claytonia virg.

Ulmus rac. (?)

Aspl. platyn

Frag. virg.

Only a few large trees left  
and some very large stumps  
evidence - formerly a  
type of M/M with consid. beech

Next:

Take Gregoryville rd, which  
lvs. Coopersville (Eck valley) rd  
& goes east up over a ridge  
capped with Pottsville &  
down into Duncan Hollow  
South slope woods, much  
beech, with wh. oak - - -  
Kalmia on Pottsville ledge

N. slope woods where we  
come down into Duncan  
Hollow! - (Lunch)

Beech	beech
	s maple
all large trees	hackeye
seen are beech:	Tulip
	walnut
	Carpinus
	dogwood
	holly

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Pachysandra	
Sedum ternatum	Polyst
Hentaria lac	Aspl. platyne
Jeffersonia	
Trillium -	Chimaphila
Anemoneella	Phlox div
bloodroot	<del>St</del>
Cornifraga	Other woods on Gregory rd, S. slope, much beech, w. wh. oak etc. -
larkspur	
Claytonia cord	
epifagus	

N-W

West slope woods on  
Cooper rd. just S  
of gap.

Phlox div	woody amer
erithr amer	Polyst. biflor
Hep. acut	Geranium
Anemoneella	Clayt. vora
Geranium	brickarosth
H. Trillium, lemm orl frage	Spium conc
not pinnacled	

Trees (much dist.) are  
 beech, s. maple, oaks;  
 white, red,  
 walnut  
 tulip  
 sh b hick  
 butternut  
 Solidago latif  
 Staphylea  
 Populus  
 Cucumber tree

East slope same  
 Come back on Cooper rd + take rd to  
Beaver Creek

via Paisley  
 a fork of Cooper rd <sup>Cooper</sup> <sup>white</sup>  
 Sycamore } hrs. 90 at bend  
 Hemlock } of town  
 Rosa setigera

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Slopes of Beaver Cr -  
steep East slope  
 Beech - big Pachyandra  
 buckeye Engelm. amer  
 red oak Adonmelle  
 dogwood Erigeron amer  
 Cypripedium bumble  
 sh oak Sol. latif + acer  
 dent dylh Phlox  
 sh b hick rty Trille  
 s maple Clematis verna  
 cedar E. Asclepias  
 ridged E. Chrysolepis  
 h w y B. dent mult  
 Crossoglossa " dylh  
 Rhamnus in " h  
 Liriodendron " h  
 blue ash Senecio (hor?)  
 Iris crist Brachyactis  
 Thasp herb var. Delphinium tri  
 Thlaspi glauco-herosul

in Monticello area

All the woods seen here  
 very few herb. plants,  
 though in each case  
 considerable variety.  
 Why? - Pigs have  
 rooted everything up.  
 (Same structure of Rich  
 Fork McCreary Co). What  
 plants remain are generally  
 in a rock crevice, on rocks  
 (though not rock plants),  
 close to a tree, in a brush  
 pile. From the variety  
 seen, it is safe to  
 assume that all of  
 these woods were had  
 a good herb. layer,  
 long ago destroyed.  
 Or - where too steep, as in  
 places on slopes of Bear Cr

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Apr 16

Bear Creek, Wayne Co

Right hand side above  
 ledge

- |                 |                   |
|-----------------|-------------------|
| buckeye         | same +            |
| red oak         | red hick          |
| sh b hick       | Ostrya            |
| basswood        | Carp              |
| beech           | Hamamelis         |
| white oak       | Staphylea         |
| sw gum (lowndy) | Ulmus             |
| butternut       | Frax americana    |
| tulip           | Rhamnus car       |
| Carya alba      | Benzoin           |
| trill rose      | Begonia           |
| Anemone         |                   |
| Eregon pulch    | Lich. tuberos     |
| Phlox idr       | Cladocather       |
| Spill. grand    | Anemone rug       |
| " gr. yellow    | Utricularia grand |
| Polypodium      | Brachyactis       |

Str. flat

Equis. hyem bambos  
 Str gum Rubipectea lac  
 Senecio aureus on str. flat  
 syc. ; " Chelone  
 Box elder "  
 Rosa setigera, Cephalanthus  
 Cornus, red stem  
 Slope, mt - Papan  
 Clem. virginica Smilax, n  
 Aster Shorter (surfy)  
 Pachysandra Rhuscus  
 Anemone virginica Ment defl  
 Thal. dioica  
 Sunny bank scorp. ureas  
 Sulphur trif

North slope - wet dripping  
 at jet of beam & Elk spruce  
 Venus hair fern Thalictrum  
 Trachelium  
 Tullia grand

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High stream flat: -  
 beech, str gum, carp.

Clayt. virginica Horst. caer  
 Ment lac Podophyllum  
 Clem. virginica Ment mult  
 Erong. amer Equis. arr  
 Hydr  
 Celtis gerr  
 Opalis viol

South Bluff - where  
 cliff-like  
 Staph Penst  
 cedar Senecio dor rot  
 Prunus Absydia  
 bit ref Clem. virginica  
 berg. creeper Arabis lac  
 Frosted

Ammoncot, of the Amoyells  
 aspect, north w. lvs. 2 mil



The Monocot where path  
along river gives out as  
big rocks, about where  
flat begins on other side

Across the creek - a  
broad stream flat - with  
beech, spruce, etc.  
Picea, dogwood, redbud

Getting around to where  
flat begins on our side  
Slope above -

buckeye	Iron leaf
s. maple	Prusalski's tree
oaks	Silene virg
red elm	
ash	Cornus alt.
buck	raspberry
butternut	
weib	

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Flat with bamboos 4-7 ft  
high  
Sagittaria in water

Slope becomes less steep  
just beyond cliffs of  
undercut

Cont. woods on east slope:

beech	
buckeye	Carpinus
Tilia	ash
s. maple	Ostrya
sh. h. bush	
ash, oak	Hydrocotyle
red elm	Adiantum
more fl. trees	Polyst
Eryth. amer	Solid, leaf
Anemone	y. Tulle
Dent. mult	Brodiaea
Cimicifuga	Clayt. very
Parhyssandra	Polemon (glab)

Cystop bulb p. voy  
 Arcaea lat Kent. Diph  
 Sedum tern Erigenia bulb  
 Triella  
 Dent hetero Sm. y. violet  
 large grape vines  
 Aster spp Epifagus  
 Oralis viol

very nice meso aspect

Stream flat -  
 beech Liriodendron  
 sycamore Benzoin  
 buckeye Cypripedium  
 Carf dogwood  
 rw gum Hamamelis  
 violastreata

+ the meso herbs w. much  
 Pachysandra  
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Caulophyllum Adiantum  
 Smilacina Osmorhiza  
 Trillium grand  
 bloodroot  
 Asplenium

Cliff talus, NE  
 with Trill. grand  
 " erectum ped  
 Hispidium mac

Polygonatum bif

Q. digitata to high valley floor  
 where bluffs low  
 Zepularia  
 Hemlock

Selaginella

Silene rot. on l. s. cliff

Cliffs no falls are driest  
Sclerocarya  
Heuchera sp. Iris vers  
+ Rhodocath  
Vit acer  
Magn. acumin

Steeper slopes above  
Cliffs — bogwood  
beech  
oaks - bl. & wh.  
hickory - white, yellow  
Oxal  
Nyxso viol. perscut  
Panicum virginicum Geranium  
Chamae  
not so much herb

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Top of hill along rd.  
Vacc. arboreum

To get in from Highway  
go past white building on right  
~~at the~~ high on hill, road  
cut on right, guard post  
on left.

curve sign

Path comes in opp. curve  
sign + before unpainted  
cabin on left

Park at edge of old rd,  
about 300 ft before curve sign

North slope of  
Elk Spring Creek  
above falls - Big tree  
beech

s maple  
ash  
buckeye <sup>penicillata</sup> vit. acerif.  
Tilia <sup>sp.</sup> dogwood  
wh oak walnut  
sh & hick tulip  
Magn. acuminata  
Trillium  
Eryth. arven.  
Hep. acut.  
Anem.  
Viola sp.  
Mitchella

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Trillium papill. on floor  
Sedum rot on dry cliff  
above falls

Micro N slope cont -

lots of Trill. grand  
Eryth.  
Ternleaf  
Pachystima  
Hydro. canad.  
Adiantum  
Asp. mary

beech	###	###	###		19.
s. maple	###				6.
buckeye	###				5.
ash	###				5.
Tilia	###				6.
hemlock	###	###			14.
wh oak					2.
sh b hick					2.
magn acem					2.
walnut					1.
tulip	##				9.
red oak					3.
butternut					2.
red elm					1.
					<hr/>
					77

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Tritium yellow	Berzou
Orchis spect	Cornus att
lent. lac.	Carpinus
Cinnufuz	wh oak
Hep. abet	butternut
Hep. mar	redbud
	dogwood

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1st disjunction left  
 (Jocosa sign & river in bank)  
 go little over 1 mi on <sup>high</sup> road  
 then pass house on left  
 then go to house on right  
 turn down to left off  
 road (drive) down to  
 remnant of old house  
 (chimney & locust trees)  
 & pond. Then follow  
 slightly down each  
 big part, <sup>each</sup> <sup>into</sup> <sup>gully</sup> <sup>big</sup>  
 hollow with big beech  
 trees - can go  $3\frac{1}{2}$  mi.

Begin opening nos.  
 2767