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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.



NOTEBOOK

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No. 94½

39

n

E. LUCY BRAUN
2702 MAY ST.
CINCINNATI
OHIO

39

April 17. Monticello to Mammoth
Cave, thru Clinton, Cumberland,
Metcalf, Barren Co.

April 18. - ^{Mammoth Cave} Rain; Green R. trail.

April 19. - Rain. Echo River trail,
& Green River bluffs

Apr. 20. M.C. to Cin. via 68+62.

51170 - 51540 = 370 mi

May 3. - Cin. Mt Sterling via 25+40

" 4 - Red River valley
& prairie bet. Wolfpen & Gladys

May 5. Brokenleg Creek,
Menifee Co
(see back of notebook
for May 4 + 5.

405

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April 17

Misc. list - Clinton Co.

dogwood	Clayton vireg
redbud	bamboo
sassafras	Podophyllum
Tulip	Syc
hackberry	blk willow
cedar	wh. elm
cattail	Sambucus
Astr. vireg	red maple
P. vireg.	viribetula
Senecio mollis	

South. side of (Prairie just below gap)
 Wade Gap - Clinton Co. L.S.

- | | |
|-------------------------|----------------|
| Sh b hick | dogwood |
| buckeye, at | red bud |
| beech | Frax. penn |
| tulip | beech, s maple |
| s. maple | cherry, Ostrya |
| cherry | cherry |
| ash ^{Nyssa} | Ulmus atata |
| Carya glabra | Bignonia capr |
| tulip ^{virata} | Staphylea |
| Q. bor. max | Rhus car |
| Juglans nigra | Hydrangea |
| Anemone | Evonym. alaf |
| Eryth. amer. | Hepatica acut |
| Ran. hisp | Polyg. bfl |
| Phlox dir | Junc. crist |
| Fraxera | Solid. caeca |
| Viola rostr | Plant. fifth |
| | " lacin |

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- | | |
|---------------|------------------|
| Smilacina rac | Polyptechu |
| Stellaria pub | Sedum tern |
| Cimicifuga | Tipularia |
| Geranium | Aspl. (parv spm) |
| Chimaphila | Camplosorus |
| Ran. hisp | Small trees, cut |
| Circaea | Carya glabra |
| vs. creper | " virata |
| | vib. rufid |
| | Hyper. prol |
| | Q. bor max |
| | Q. mont |

drier (south slope)

- | | |
|----------------|---------------|
| Lithosp. tub | Hyper prol |
| Ant. plant | Anem. virg |
| Ascyrum hyp | Senecio small |
| Cyprip. virg | Poa cusps |
| Sabia lycopata | Carex (sp) |

bacc. stem	Mypsa
violahersut	Smilax b. v. ^{scaly}
Missc. quat.	Rhamnus can
Erygeron pulch	red cedar
Stachys sp	bacc. ^{6 ft} <u>sp</u>
Penst. sp	Arnel. can
various aster & Sol	Ulmus fulva
Pedicularis can	p. virg
Silphium trif	Smilax glauca
Santhomea spic	
Heuchera, big <u>leaf sp</u>	
Oxalis viol.	
Dasyst. glabrous	
Fraxina	

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On 90, just out of Albany (NW) a little way
 Rolling (low) plateau: -

<u>big tulip</u>	beech	Red ring
Carya alba	s maple	
beech	tulip	
Du. vel.	dogwood	
Mypsa s. maple	red bud	
Here are some dead trees		
Chestnut. huge	Banyan	
Kent. mult	cherry	
Podoph		
Cynagl very		
Eleph. cor		

This is a piece of virgin forest
 Tho being cut
 Trees very large

5 mi. west of Jet 90
35

Interspersed are areas of
swamp forest -

oaks	Amel holly
Nyssa	Pyrus mel
sycamore	6-ft bass
red maple	Alder, pub. (sp.)
<u>Dic. phellos</u>	Typha
hackberry	Scirpus cyp.
N. alba	Rubus hisp
Nyssa	
Q. mich.	Aster umb
<u>Mitchell</u>	Spiraea tom
Smilax rot	Ludr. atten
var. grasses, juncus, sedges	
Sphagnum ponds with	
pub. alder	Chelone
Cinna arund	Juncus

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Cumberland Co.

going steeply down
a big wooded ravine
which is MM:-

beech	dogwood
buckeye	redbud
s. maple	Cornus
tulip	Cornus alt.
sh. birch	Prunus serot
Carya -	Fritillaria
butternut	Polyst.
walnut	Bota
red oak	

Tilia
Ulmus ~~fulva~~
(above as seen from road)
2 spp. on - enter woods

(Cumberland Co.
misc. list

Pluscop
Redbud
syc
bl miller
red cedar
Brachybotrys
Viola raf. - purple
Galium aparine
Geranium car
box elder

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Enter woods in Vaughan Cr.
N. slope
Trees as opp of road
Phlox div.
Pachyandra
Anemone
Frasera
Viola rostr.
Erythraea
Clayt. veg
Sedum tom
bloodroot
bleed. diph
" mult.
" lac
Erigeron
Cynoglossum
Carya glabra
papaver
Carpinus
Hydrangea
Evonym. amer
Bign. capr
Cornus alt
Berzonia
Evonym. atrop
Botrychium veg
Hylaeus
Cimicifuga
Ran. recurv
Geranium
Podoph.
Scleranthus

Trifolia	Euphorbia
Stellaria pub	Thal. deoci
Osmor. himy	Smilacina
Hydroph. can	Polyg. virg
Euph. com	Camptocorus
Adiantum	Asarum acun
Iris crist	Arisaema trig
Campanula amer	
Ran. hisp	Vib. acerif
Caulophyllum	Cystop. frut
Trollius grand	Rasp.
Urtica grand	trib. rot. ga
Dispor. lan	Pseuder
Viola pap	Polygon. pub
Ipulezia	Solid. lalif
	" caesia

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Thaspium bar	Smilacina glauca
Viola palmate	
Corylus amer	
Vib. rufed	
Chenopodium	
Sparganium	
Hamamelis	

Stream is cutting in
black shale
see gum + syc. in
creek

South slope:-
Evonym. abry / persimmon
Galium leyr / Ser. Smilacina
Ulmus alaf / Fraxinea

Ravine open to south -
more beech, not so
many herb plants

Continuing on road: -
Meso. slopes, all directions
Northernly slopes show
much buckeye
Southernly, prop. more beech
much red cedar + redbud
on south slopes where
some cutting. Considerable
oak on s. slopes

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A steep south slope

Philadelph. on cliff
Lubspan

Aesculus, - stamens out
fire pink Rhus com
Coryd flou
Arctostaphylos

West of Cumb R.

Sedum pulch

Saxifrage on rocks

n. of Norris Br.

(above all E. of Marrowbone

Just inside of
 Metcalfe Co. (E. of Union
 lower south^W slopes -
 tulip ^{big} cherry
 walnut sh & hick
 beech - higher ^{more} all beech
 v. maple

Phacelia sp. Corydalis
 Dent. mult, lac. Phlox
 Ran. about Polemon, small
 Eryngium Euph. common
 Parkysandra Claytonia
 Viola papil. Tomlinsonia
 Chaeris Cynoglossum
 Erythraea Solidago
 Podophyllum Polystichum

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Aesculus fera Liriodendron
 Trillium sessile Eryngium atrop
 Polypodium Asplenium
 Allium tree Anemone
 Ophrys viol. s. miflo
 Cystopteris Chaerophyllum
 Styloph. dysh Jack
 Iris crist. Hydrangea
 Arisaema Lappula
 Squirrel corn Bignonia
 Cimicifuga Eryngium amer
 Lappula Polyg. virg
 Urtica alata bloodroot
 Viola striata
 Smilacina Red lead

Misc. Metcalfe Co

Rhus glabra Saye
Barbarea wh elm
Bambros box elder
Andr. v. v. gliditica
Ger. carb.
Laminia, round
Fraxina
Larkspur
Dogwood (not much
dogwood seen in hill
works of Metcalfe Co.
Lots Mr. Cumber in
Cumber Co,

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sassafras

Misc. Parker Co

Plus canad.
red bud
s. maple
dogwood
beech
tulip
wh. oak
red cedar
cherry
Clayt. virg

In Barren Co. the meso-woods cont. in the strongly rolling karst topog. area. Beech most abundant on the hills & with it, tulip & oaks. Beech continues to Care City.

One good area of woods is on s. side of rd. a few miles east of Glasgow. Woods comes nearly to rd, but near part is mostly cedar & redhead; big beech shows above from west. From east good woods plainly vis. A gas? station near where woods comes near to road.

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Miss. Edmonson Co.

~~Stouffville acerulea~~

~~Alnus verticillata~~

~~Stemphygium thalictroides~~

~~Viburnum acerifolium~~

Section of Cumberland Co. Transverses is mostly very rugged - strong relief, few level areas. All slopes occ. by some phase of M.M. - more mixed on northerly slopes, more beech on southerly & sometimes more oak. Rolling uplands in Clinton Co just before relief increases could be "oak-ch.-tulip" but for large amt of beech, & frequent S.M. & other trees which makes them best considered as M.M.

In McCreary Co. & on into Barren Co.,
occasional areas seem to be mostly
oak with hickory, but adjacent
will be areas mostly beech, &
these not on flattest parts but
on slopes. Are oak-hick areas
results of poor soils? The
change to greater amount
of oak & less beech in M. Can
area may be due to excessive
under-drainage.

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Miss. Edmonson Co

Houstonia coerulea

Geranium verna

Stenophragma thaliano

Viola Raf.

Ulmus alata

Chaerophyllum

Apr. 18.

34
3/8
28

Trail to Green R. at Styx P.
& return by road (RAIN)

- | | |
|--------------------------|---------------------------|
| Podophyllum | Psedera |
| Gallium styl | Dic mont |
| Houstonia coe | Geranium |
| Krigia tuba | Erigeron pulch |
| Plantago hetero | Orchis viol |
| Vac. stam. | Aralis laev |
| " arbor | Ostrya |
| Rhus glabra cop | Pedicularis can |
| Chestnut | Vicia can |
| Saxifraga vrg | Iris crist |
| Carex (left - like spms) | (like 2861) |
| Asp. marg | Claytonia vrg |
| Polytr. vrg | Trad. vrg |
| Ant. plant | Pezizula, comm |
| Polyst | Sabina lgn |
| Bigon. capr | Cynog. vrg |
| Anemone vrg | Euph. comm |
| Phlox dir | Symphlo. orb |
| Aster phatu | Anemone lla |
| Sedum tern | Hybanthus |
| Smilacina | Sedum pulch |
| Meria | Thalictum Arce |
| Staphyle | Plantago lac. |
| Eryth. amer | Prisacina tryp |
| Urtica grand | Brachyely |
| Cystof bulb | Twin leaf |
| P vrg | fire pink |
| Hepatica acut | bloodroot |
| Asarum can | Cystof. frag |
| Adiantum | Delphinium ^{tri} |
| Lilium sessile | Rusc. glabra |

Eryth. atrop. baselder
 Campanula anem. Benzoni
 Stylophor. Gallium affine
 Mertensia Laportea
 Erigeron bulb. Hydrangea
 Ranunc. abort. Tharella
 Isopyrum Solidago latif.
 Viola papil. Dentaria mult.
 sm y. viles. Geum vernum
 Phacelia bip. Crastium nitens
 Hydrocar. Ran. recur.
 Valeriana pauc. Osm. hury.
 Viola striata Stellaria ped.
 Smilax scirrh. Nepeta ped.
 Comptosius Lamium ampl.
 Geranium car.

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April 19 - in Rain

Echo R. trail

Polyg. polyg.	
Circaea luct.	Viola palmata
raspberry	
Aralia spin.	Rosa pelagica
Aplectrum	Cauloph.
Botry. virg.	Aesc. glabra
Ran. hisp.	in bloom, due to big bushes
Obolaria	1938 rain study
Polemon septansyl.	Hystrix
Nothosc.	Riverbank
Arenaria pub. (sp.)	Along Great R.
Agave - small stalks	Small. lac
Thasp. barb. var.	
Eryth. alb. - drier slope	

Hydroph. app
Lirica
Smilax b. n, scurfy
Jaenidia integ
Hyper prolif
Lithosp canesc
Dioscorea, large seeds
Chamaelirium tutuin
Aspl. jav.
Epipactis
Tipularia
Corylus amer
y. Cypr.

Sm. sweet uccely
Melanthaceae ^{on the N. slope} trail from
Aspl. ff. red ^{Green R. bluffs}
^{toward near cabins}

Coming around the fault
N trail, N-facing ss.
slope: - large trees
oak, chestnut, tulip -
is this oak-hickory?
occ. nyssa, beech,
hickory, walnut
oaks are black, white
with dogwood layer

P. M. - upper part of Omaha Creek
Road
Andr. Ellicottii
Aruncus
Coreopsis auric
Gleditsia

Apr. 20.

Return trip from M. Care
Rt. 70 to Care City
" 68 + 31 W. to Horse Care
68-31 E. to Bardstown
Cont. east on 62 to
Lawrenceburg.
35 to Frankfort
40 to Georgetown
25 to Cin.

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Place N. of Green R. is
Hart Co. "hilltop"
Hillside woods
Hart Co. ~~west~~ - S. of Green R.
S. West of river - on U.S. 68

Beech	redbud
Tulip	dogwood
cherry	turn leaf
W. maple	Phlox div
O. buckeye	Podoph
	anem

Trillium
of Beautiful Country S. of
Green R. + on its bluff
N. of Green R.
Sithopsis canescens
~~Sithopsis~~ Arabis laev.

Hart Co. Miss.

elmus alata

" fulva

Sassafras

red cedar

Carpinus

mistletoe (Barron's)

Aster virginicus

Box elder

Elderberry

Sycamore

wh. elm

red maple

Chus copallina

walnut

oak trees
of var. spp

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Lewis Co., Miss.

River birch

Aster virginicus

red hick

Podophyllum

red cedar

cat tail

sw. gum

beech

Cherry

Tulip

walnut

xmas fern

Geranium

Carpinus

dogwood

Sedum torn

Cyc.

red elm

red maple

bamboo

Buffalo (A. D. G.)
just so.

pt. 61 a few
small pieces of flat woods

(see May 20, 1940, notes)

Lane Co.

Ravine slopes at
Hodgenville have
beech + sugar maple
Ohio Buck,

shooting star
phlox

See notes of 1900
May 19, crossing

~~After~~ West of Knob Crest
→ after hairpin turn
of then deep wooded
ravines n. W.M.M. (A
much beech)

sites of woods along
ravine slopes of wide

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Knob rd. but down
truss where noted
above

{ about 4 miles n. of }
{ Athertonville }
silver maple

- Belt of higher knobby
hills

Enter Wilson Co.
at River bridge

Pelkon 3

Pine oak
Beach slopes - Dev. shale
Ohio buckeye
wh. elm

A. maple }
Syc. }
red cedar }
cherry }

Rosv.
Carpinus

Pinus strobus (on Dev. shale)
Sodophyll.

some pretty good
woods on Dev. shale
where U.S. 68 new
section approaches

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New Haven.

Dogwood
sw. gum
bloodroot
phlox
anemone
Teasera
Rhus canadensis
Comandra
Androp. scop.
Ulmus alata
Hypericum poly
miscelata

on detour
brambles
rubus
thistles
Mr. Balltown
& Mr. Balltown
Toms cat.

25
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49
50

Ulmus alata
Quercus
Brambles

Plenty beech trees near
E. of Bardonia rd 62
sh. bark hick

Anderson Co

walnut wh. oak
oak
red. blue W. hickory
Androp. virgin
mistletoe tulip

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Symphoricarpos
Quercus
red cedar
red bud
red elm
s. maple
hackberry

along Salt R:
+ beech
sawtooth
shining star
box elder
silver maple
sh. bark hickory
black willow

black
white
red
yellow
green
purple
brown
pink
orange
grey
blue
black

Conium mac.

Franklin Co
Sedum pulchellum

Scott Co, Apr. 20
on U.S. 40 near Cane Cr.

Sedum pulchellum

Sailfin

Dutch. Cornuta

Cornifer

Dutchman's breeches

Hydro. appendic. Wm. Cane Cr.

Ohio Buckeye

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May 3.

Scott Co.

Phlox div.	red elm
Podophyllum	Sympleos
Viola pap.	red cedar
Quercus	box elder
Prunella	ph. b. hick
Mycete	blk. willow
wh. oak	willow
red hick	Rhus glabra
O. buckeye	Misceltoe
wb. elm	blue ash
honey locust	bur oak
eye	Galium aparine
silver maple	Lithospermum
walnut	arvense
poison ivy	
hackberry	

Bramble Co

May 3

Ky. copper tree

wh. elm	Syrphoc
red willow	poison wry
blue ash	wild strawberry
bum oak	Lanimum perfume
walnut	" amplect
hackberry	Erysimum
ok elm	nr. Paris
honey locust	galium aperine
blk locust	Viola plicata
wild cherry	Sithospermum arvense
	Viola pap.
	Chaerophyllum
	(E. of Paris) (spum.)
Conium	Barbarea
Crab apple	Leonurus
	quercus laevis

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Staphylea	Euonymus
Solidago	altiss
Asaphis	Clematis virg.
Mentensia	Hesperis. appressa
Cardamine	Gum vernum
Crucifera	Crataegus
multiflora	nr. Washington

Montgomery Co

Monticello (+ Manifree Co)

Ohio Buck

May 5

Bath Co: (misc list)

- Cyst. vireg
- Podophyllin
- Rudbeckia lac
- Prunus serot
- beech
- Larch, nigra
- Carya lacunosa
- sylvestris
- Sambucus
- wh elm
- dent. lac.
- Sedum
- Cornus florida
- Oxalis violacea
- Aster divar
- Acer sacch

A flood plain forest
remnant bet. Susuh
& Salsdich

- Beech blk birch
- Carya lac
- wh elm

- Bamboo
- Picea
- Sue gum

Nymphaea

Back Cover

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2895 - next no. after
no., Apr 19

Gas Apr 13-20

Gas (5, Summit)	—	1.15
Stearns (4, Stearns)	—	.92
4 Monti,	—	.92
4 "	—	.92
6 Cave city		1.35
4 Bloomfield		1.08
to fill again,		1.67

Miles:

Hotel

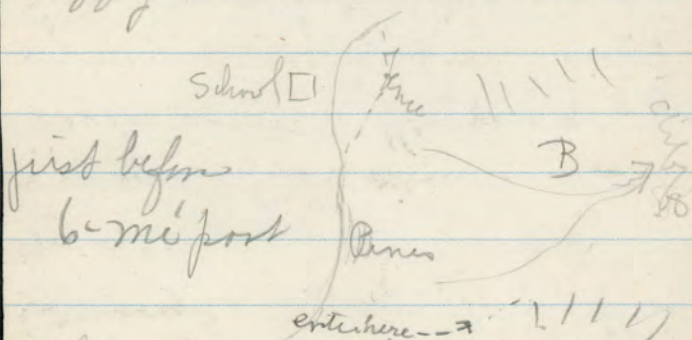
Stearns	Room	6.00
	Dinners	3.00
	Breakfasts	2.00
	Lunch	1.20
	Tips	.75
Hotel Breeding	Room	6.00
	Dinners	2.60
	Breakfasts	1.00
	Tips	.70

Wannuth Care
Tins .10

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Room 15.00, 3 days
meals 8.00
.90

Red River, Maribou rd.
 a few hundred ft. north of
 little school, it looks like
 it would be possible to big
 cliffy creek to west.



first before
 6 mi post
 This where telephone line
 crosses rd. Go down by
 going thru woods north
 of pines. Big beech trees in
 woods below cliffs at D

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May 4

Small Creek between

Wolffpen & Gladys Cr

Carex spm	Pedicularis
Poa cuspidata	Polypodium
Geranium	Iris cristata
Tr. grandis; Tr. erecta	
Viola rostrata	Hesperis lanata
Hemerocallis	Asp. madagascariensis
Stellaria puberula (mat)	Smilax
Anemone	Sol. lutea
Erigeron acer	bloodroot
Sedum	Asph. acrostichum
Hepatica obtusa	Benzoin
Thymella	Adiantum

Trees are
 beech dogwood
 wh. pine Carya
 hemlock red oak
 red oak hemlock
 wh oak Cornus alt
 walnut Carya glabra
 Tilia wh oak
 tulip Acer
 six buckeye Acer sacch

Herbs, cont. viola scab.
 Epifagus Urtica grand
 Prigia amplex. Metella
 Erig. pulch Asarum acuta
 Cent. hetero viola can.
 Grossum

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Creek flat -
 viola striata Lobelia card.
 Poa sylv with Carex (gyn, spm)
 Michella
 Poly. var on rocks

Luzula, common Hydrastea
 Hepatica acut.
 Arisaema tryp Over onto
 11 green below east slope
 Clavt carol.
 Orchis spect Salvia lyr
 Botrych virg Orolaria
 Podoph. Corylus amer
 Lirca Carex
 Agrost. virg.

up slope, below ss
cliffs

Cypr. parv. pul
Aplectrum

Arctia spum Popularia
Vib. acerif Anemone
Medeola Clintonia

Epigaea
S.S. cliff Magn macro
Silene rot " trip.
Tepularia

Kalmia
Rhod.
Osm. cum
Clethra

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big beed on slope below
cliffs + also old chestnuts

Go down slope;
Camptoc. on l. s.
butternut
Aspl. angust
Anem. virg

Back on slopes of ravine
again

red elm
Potentilla pum
Viola blanda + a lac (spn) ^{as} _{west of} ^{pl}
Circaea lut.
Luzula corol (spn)
Polemonium reptans

Hybanthus
lots of Orchis spect

Above the l. s., the
valley slopes more gently,
beech
sh. oak
hickories, glabra, ovata
tulip
s maple
hemlock
wh pine

Going up to ss. cliffs
at head of valley -
Cypr. acaule

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A rockhouse -
Chenopodium Aspl. penn.
Silene rot, Heuchera rug
Ant. solitaria
Gnaphalium
The rockhouse: -
Thal. clav.
Cinnam. fern

Slopes below cliffs
at round head of valley,
much Tulip
chestnut
hemlock

More rockhouse -
a very pub. Solid days
(in last rockhouse to west
of creek)
Heropaca

Coming down from
head of stream
Senecio aureus
Viola rot.

Below road, nearer
to Wolfpen Creek,
in woods:

beech add to
cucumber other herbs
tulip ^{yellow} ^{butternut} Larkspur
cuckoo

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Wh oak v Panax trif
Acer sacch nig. Jack val, smooth
Staphylea Erythraea
Benzoin Dent. leaf
Bamboo Philox
Oralisol Viola can
Mechanica Hydroph. can
Polyg. virg Cystop. frag
Poleg. Tricella
Smilax sp. Hybanthus
Cauloph. Clayt. carol
Allum. tric Dent. lac.
Sanguinaria Erythraea, prob y
Hepat. acut Aspl. acut
H. brecher C. " ang
(in rocks) Polyst.
Arabis lux Anemone

Trollius erect
Viola pap.
Tu. grand (across the river
 in Wolfe Co)
Claytonia virgin.
Redbeek tree (along river)
River birch " "
Valeriana paucif
Phlox panic. (along river)
Stellaria pub. sylvat
Ranunc. abort.
Senecio aureus
Cross vine
Clematis virgin
Arisaema drac.
Geranium

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<i>Umbelliferus grand</i>	<i>Carpinus</i>
<i>Botry. virgin.</i>	<i>bib. prunif</i>
<i>Ran. recurv</i>	<i>Hydrogen</i>
<i>Aruncaus</i>	<i>Acer sacch</i>
<i>Sm. svr. cicely</i>	
<i>Asarum can</i>	

May 5
Brooks Leg Creek
Menard Co

Viola cuc.

Wet rock house at Falls

Thal. clav.

Cardamine prot

Columbine

Viola blanda

slopes in gorge

Tr. erectum

Tipularia

Orchis spectabilis

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Trellium erectum

numerous & all colors;
in deep black mud

on a s.e. slope of Birkedeg

Viola prostrata

Geranium *Medeola*

Puzosia car. *Actaea alba*

Asarum can.

Clayt. car.

Scilla

Shillaria per

beech-hemlock-tulip
birch, red oak

Went

Ferns

Asp spin
Aspl acro
Osmund cin

very much tulip on
flat
Rhodod

Trill ~~erect~~
Viola blanda
Dent. herb
Onoclea sens
Agrostis pars
Tacharia

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Over on the north
slope

hemlock	Disp. lan
beech	Tr. erect
chestnut	Ariseema
tulip	Medela
	Asp. sp
	Epipactis

huge ~~hemlock~~ chestnut
on north slope Hemlock-
Rhod. Asp. spin

Clintonia

General -

From appearances everywhere in this section, beech always was a constituent of south slope woods.

In the hills west of Frenchburg (Highland Run) beech is consp. on south slopes, generally with oaks. Where these slopes were cleared, all oaks, or oak & pine. One strip of chestnuts on the steeper slopes had in addition to beech, tulip, buckeye, s. maple, etc. which are conspicuous now (May 5)

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because of early leafing

On the flats west of these hills, occ. large beech, with oaks

On Cumb. Plat. part, few remnants on plateau. A group of large oak in a yard; a few scattered tulip trees; occ. beech. suggest imp. of oak but presence of other spp.