



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.

Memorandum

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25

E. LUCY BRAUN
2702 MAY STREET
CINCINNATI
OHIO

25

Nov. 8, '36 - Fleming Co ¹⁹⁵
Apr 3, '37. Blire Lick, ⁷⁴
Robertson & Nicholas Cos
Apr. 17. Brooklyn Bridge,
Jessamine Co.

230 miles

May 2. Triplett Creek, Rowan Co,
& high ridge. 220 mi,

May 22 Cinc. to Morehead, to Fire Tower
P.M. Clearhead, Clack Mt, Rd., to
Licking River
(23. Clack Mt. rd. - Cogswell Rd.
to Cogswell & north to Farmers.
to Cincinnati 276 miles
Rowan Co.

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Nov 8 Fleming Co

Cuscuta
bas vac
Dyddendron
2 prunus

A barren shale
slope in mud
2 prunus

Gellenia stip
Gayl
Gentiana - ?

Field at top
Emp. prot. (ppm)
Solidago gramin

Eup. rotundifolius
Graph. polys.

Aster divaricate

A forested valley
~~Good M M~~
beech
elm red
red oak (max)
tulip
Chestnut
White oak
red maple
s. maple (saxatilis & nigra)
D. b. hickory

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	Milkweed
Benzoin	Carpenter
dogwood	S. maple
Sambucus	Hazel
Anem	red maple
Hydrangea	Colostrum
Maiden hair	bit. acerif
Christ fern	
Cumicifuga	
Eleph. ear	
Anem rug	
Eup. urtica	
Travella	
Sol. catif	
ginger	
(Fobelia inflata)	
(Houstonia purp)	

Viola (long spur? sp.)

Hepatica (obtus.) *triloba*

Drosera *cristata*

Epifagus

Sedum

At top of shale
cliffs & Int. Laurel

Viola blanda

*Epipactis
mitchella*

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On top + bordering
upper edge of
cliffs (20 feet)

oak woods and
vac. - ^{Gayl.} secondary

Large ch oaks at

upper margin of

cliff | *Gaultheria*
American | *Epigaea*

Begonia - low / *Hemerocallis*
on rocks

Top - cont.

Houstonia *coar.*

Pitch pine high on
v. slope

Pteris
Leprosia

misc.

Osmunda c.

Clematis v.

Polemonium

Corydalis flav.

Viola striata

Aster com.

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Botrych. obliq.

Green violet; Hybanthus
redbud

Salvia lyrata

Quercus imbr.

Sol. caesia

Scutell. - tall, small
lvs

Vitis bicolor

Trig. pulchellus

Aspl. platyneuron

Sweetgum

Betula nigra

State Park in Robertson Co -
other side of river in Nicholas Co.

April 3, 1937

Blue Rich State Park

Urburnum pifidale

Cornus florida

Cedar

Amelanchier speciosa
redbud

Quercus muhlenbergii

Blepharidocyon

~~Solidago nemoralis~~

Fraxino

Q. amblyocarpa

Quercus alba

Solidago^{''} macrocarpa - a narrow
leaved, low sp.

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Salix lyrata

Apocynum cannabinum

Sycamore

Beech

Symphoricarpos

Sol. nemoralis

Gaura

Columbine

Smilax hispida

Sedum truncatum

Spicebush

Papaon

bloodroot

red elm

Carya cordata

'' ovata

W. cherry

bit. prunifolia

Consp. holis

Vanhoopii

Large trees are
Wh. oak
Bl oak
Walnut 11
S maple
ash
Beech
Carya cord
Q. borealis map

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Rhus copallina
Cornus aspera. (?)

going up little road
south of River
(Nicholas Co)

Thaspium aureum
Senecio idem
Vicia carol.

Corydalis
Campanula amer

Cardamine Douglasii

Tridens flavus
Asplenium platyneuron
Galium canadense
Bedeum ternatum
Eryth. albidum

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Hypericum
protifolium
Erig. pulchella

Dry oak slopes -
mostly white & bur,
red & black
oaks -
and lots of cedar
sometimes in pure
stand.

Poor herb. layer
comp. of scattering
of dry woods sp.

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from list of preceding
page.

Exlinea moss
Cladonia patches

Thuidium
Cerriophyllum
Climacium

Peltigera

All the trees with
immense quantities
of lichens

An occ. small ~~lichen~~
indicates that this
was once less barren

A summer flora
Lespedeza
Ruellia
Solidago sp?

Azalea = Sycocera

Carpinus
Ostrya
Aesculus glabra
Frax. quadr
Acer saccharum

Rhus glabra
Hydro. appent

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Around toward
north -

more p. maples
no mosses Cladonia

mat on earth

~~Asplenium~~
big red elm }
cherry }
ostrya } smaller
hackberry }
butternut, juglans ..

Plantain
squirrel corn
spring beauty
Solidago lutea
Hydrangea

Down along river

rye

Box elder

Acer saccharinum

White elm

Sambucus

Rudbeckia lac

Salix nigra

Aster panic

Rosa petig

Hepeta hederac

Rubus obtusifolius

Going along road

west of river

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Larkspur

Viola striata

Phlox divaricata

Anemone virg

Hydr. macrophyllum

Aralis lac

Polemonium

Galium aparine

Stellaria pterea

Saxifraga virg

Brooklyn Bridge
Apr 17

Saxifraga
Aster long
Arabis laev
Rhamnus car + R. lance
Ribes cynosbati
Sedum (pink) pulchellum
Redbud
cedar
Ulmus amer
Dymph. orbis
Opuntia Raf.
Phacelia purshii
" bipinnata

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Corydalis
Viola papil
Cardamine Douglas
pe. ivy
Hedera
tree leaf, Jeffersonia
Anemone virg
Salvia lyrata
Frag. amer
Sedum tern
Mentha spicata
Carpinus carol.
Bignonia capr.
Heliphium tremm
Rhus canadensis
Dentaria lac
Woodsia (spm)
Arenaria patula

Anemone
Silene virg
Cystopteris frag
Campanula amer.
Chloanthus
Aster phoetis
Trollius sessile
hairy perist ciliate, D. Clayton
Acer sacch
Evony. atrop
Phlox divaric
W cherry
Ulmus fulva

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Aesculus glabra
Asplen. platyneuron
Ran. micranthus
Frag. quad
Menisperm. canadense
Viola sororia
Viola purifida
Polygonatum comm
h. h. berry
Tilia
Quercus muhlenbergii
Urtica grandifolia
Ulmus rubra
Raspberry
herb gentian - sp?
g. Erythra amer

Carya cordif

Camptosorus

Podophyllum

Cerastium nutans

Euphorbia com

Thalictrum flavum

hairy or cidey

Senecio obor

lots of shooting stars, +

very large ones

Smilax rot. (epm)

Eleph. car

Hutchinsonia br

walnut

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nyssa

Among big trees are
S. maple, basswood
walnut

Staphylea

Rolypuma, common

biburnum (dent. group)

Isopyrum

Jordanella pin

~~Staph~~

Ptelea

Hydrangea

Epony obor + amer

Pellaea atro

Stellaria pul

Solidago latif

Smilacina
Columbine
Heuchera, (Elkhorn Cr)

" (plant)
Lonicera (Elkh. Cr)
Poa (spm)

Eryngium bulbosum

Hepatica acuta

Silene (rotunda ??) (spm)
on shaded l.s. cliff

the Soledad rosette from
Tygart's Cr = Brachybaeta

Arabis, emerg. fine lvs
on shaded mossy
rocks (spm)

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Cystopteris bulbifera
Springbeauty
Valeriana

Creek flowing to Key R.
at Brooklyn Budge
cuts deep gorge.
Fork coming in more or
less at RL to rd + hence
flowing more or less SE
has lots of ~~B~~ maples;
hackberry, ash, basswood
oak -

Saxifrage covers edges
of all rock outcrops
by river pockets; very
abundant. Arenaria
patula + Sedum roseum
generally in specimen
cliffs on rocks

much Phlox repens
slope
much Isopyrum ✓
Phacelia bipinn. on
shaded slope
~~st~~

Spice bush
Celandine poppy
Impatiens pallida
Asarum com
Polygonum com
Galium apar
Cubellium = Hybanthus

Hydroph app
" " mac.
Caulophyllum
Mitella diphylla

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Alium tree

Tulleum deul
squirrel corn

Polemonium (smooth)

Smilax hispida

Ranunculus recurv

Thosper penn ✓

May 2.

Rowan Co.

Triplett Creek

Viola angustata
Plantago virginica
Oxalis violacea
Silene virginica

Steep banks of Triplett

Creek

basewood (glabra?)	
white oak at edge of	
red oak	Under
s. maple	Carpinus
hemlock	dogwood
chestnut	Amel. lac
Aesculus oct	Oxyc
tulip	Magnolia
butternut	red maple
Tr. ground	redbud
Smilacina	

Sandstone cliffs at
top of bank

Hepatica
Polytrichum
Stellaria
Asp. marianae
Aster div.
Amarifuga
Poa
Polygonum biflorum
Hebecladus heterophylla
Arisaema
Geranium
Viola prostrata

Anemone
Hemerocallis

Asarum
Adiantum
Solidago latif
Rhus
Sedum

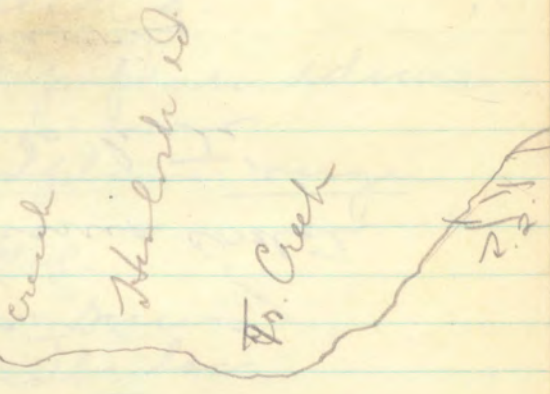
bibarrum round dentate
" prunif
" acerif

Cornus alt
Spicebush

Ran. recur
Anemone
Orchis
Arum

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Liriodendron



Evonymus amer.
Hydrangea
Thalictrum disc
Medeola
Thalictrum sp
y. violet (spm)

Psedera
Asp. n. b
Erythra sp

Near stream
Betula nigra Alder
Rhus Eye (occ)
Mt Laurel

Melithella repens
Iris cristata

Rudbeckia lac

Rhus tox

Mechanica cordata

Betula lutea

Clematis virgin

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In creek -

Nymphaea adum

Flordplam margen

Betula
Sambucus
Rudb. lac.
mertensii

Carpinus
Staphylen

Not -
Ascyon hyp

viola pap
Iris crist
Coccyzus hyp
Clematis virgin
Cicuta macul
Aster prenanth
Hyperbolic
Panicum claud
Phlox. pan

Misc.

D. marilandica
veron. off
Aspl. platyneuron

Sandstone cliffs above
iron bridge

Rhododendron
Kalmia
Epigaea
Indiella

Trollium grandiflorum

Stellaria
Hepatica obtusexant
Claytonia caroliniana
Campocorymbium
Asp. marginale

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Arenaria
Viola blanda
Hydrocotyle
Caulophyllum
Sanguinaria

Urtica = *Sapotea*

beech	chestnut
butternut	red oak
sw. hickory	dogwood
sm. y. violet	redbud
mayapple	carp
<i>Phlox</i>	green violet
<i>Onoclea</i>	<i>Polyg. virginica</i>
<i>Polemonium</i>	Card. dent.
<i>Caulophyllum</i>	<i>Cystop. fragrans</i>
<i>Arcaea lutea</i>	<i>Viola can.</i>
<i>Geranium</i>	

Viola striata (on floor)
Viola carol

Krugia ampl.
amb. plant
Ran. hesp

A beech oak area

↓
Suction, orate
per gum
Ologyd

poor undergrowth with
hec. var, var. stan
geram
Jris

Salvia lyrata
vetch

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Aster dum

Pot. cin

Anemone

Heuch (bea)
Lent. heter

Aspl. ff

Polystichum

Wood. perf

Phlox cart. triff

Erig. pulchella

Oreopis major

Gibberia stip.

Wassyl. laer.

Cynila.

Ran. hesp

Cypr. parv. pub

Cednothec Amer

Campsis aur

Thasp. aur

Gaultheria

Pteris

Smilax glauca

Asplenium - pink

Top of Spur

oak - hickory - pine (petal
yellow ^{white})

Aspl. platy

Hemlock

Aster red

Pellaea on ss

Phlox sub

Cardamine

Ceanothus

vacua

Woodsiu ^{3. Chel} on rock (spn)

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~~Panicum verrucosum~~

Myosotis

Ant. plant.

Coreopsis major -

sunflower & aster

Quercus prinus

stell

margl

Orataegus, dwarf, spn

3-4 ft high - 5 ft

Vida pedata

Opales

Columbine (spn)

fire pink

Viburnum

Ascy. Thysp

aster lin

Pitch pine & P. virginiana
+ y pine
Grosses -
Andar.
Sorghum

Chrys. mar

a white hazel on top
usual per
Seatre

Buckleberry

Stopped at concrete bridge ^{on Ky 32}
over Triplett Cr., near mouth.
Steep banks of Triplett Cr. +
flats to iron bridge on
old road. Follow east

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on old road at ft. of
Miss. p. c. cliffs; banks
become less steep, then
a broad flat at base.

A deep ravine cuts way
back to main ridge.

Climbed to top of spur +
thence to main ridge, +
finally down near
highway. Relief, 500 ft.

May 22

Chronanthus - Fleming
Roman

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May 22 -

Top of Ridge N of Rockwell
Roman Co.

Psoralea ped.?
Ceanothus

good pine-oak scrub
comm.

Aster lin

Pteris

Andr. & Sargh

Cor. trap & var

Thasp. aur

Vacc. vac, corymb

Kalmia

Azulea, 2 off

Gaultheria

Epigaea

Hypoxis

Sarcoc. ash

Angelica vil.

Juncus

Kunzia

The deep pink, glaucous
& lf. can. of it spicy
fragrant

Osm. int.
Arul perf

Gramm
Leptochloa
Hemich. - 2 spec

Phlox car leaf

Prosopis Thus cop
red maple
sc oak
pitch pine
Oxyd
hick

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Fire Tower

Sandstone cliffs -
Silene rot. & cut br. Asp. pen
Woodsia ^N (sp) _(sp)
Heuchera, ft. lobes &
leafy flower stems
Heuchera, red lobes
Chenopodium

Some knobby white ls
outcrops imm. below ss
cliff, but lower down
where ridge is, Azalea &
bird-foot v. red

Lunch - ridge at ft of
top ss.
Ch. oak
P. virgin. & rug
pub. Black oak

Carya glabra, *vata*
sericea

Saxif. ast.
Gallenia sp
Aster un. sulcat.; *patens*
vac. vac + stan
Eup. sessil
Cunila
Coreop. major
Ceanothus
Lespedeza spp
glandulif. sp
Trisperma

(Ascl. quad on l.s. slope)

Pellaea on l.s

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An openish ridge, l.s.,
interf. (facing SSW)
Sorgh. (Ant.)
Aster laevis Silph. Trif
Coreop. trif *Euph. cor.*
Urtic. ped. *Dialis nob*
~~Thlas.~~ (*Byrrh. ca.*) Ant. plant
Lithospermum can.

but here, s.s. things
mingle, such as
vac stan & *Gayl.*
Aster luv *Or*
Perennium

Trees are scrubby, broad
lvs;
P. virg.
Linnaea
D. alba
C. glabra

Phlox (pilsa)
Cirsium

Azalea on slope below
open -
are the paler early
kind, smooth lvs

Arrived to part of
slope less steep -

big s. maple

Open - aster Phlox
Blepharidactylus

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A ravine -
did have large beech

sir gum
red maple

Urtica	hirs. (sp.)	
Cor. aur.		Disp. lanug.
Ery. pulch.		viol. ross.
Hedys.		" palmata
bleeds		
Flordrort		
papav.		
Arist. serf.		

All small spec. oak,
high. red maple, etc.
App. was M.M. only
in valley - grass
rocky or. m. here after

SSW to be

Above, is sec. oak - beech
to pine
D. vel, & vel. pub.

Azalea
Kalmia
var
Gaulth. trail
Viola pedata
C. acer

Misc. Romarco

Polemonium
Robinia
Green violet

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Grass 6 mi. from
(Chestnut) field

add Phlox (palsa)
Sisyrinchium albidum
Lich. can
Salix lyrata
Viola triloba ?? spm
Carex

Soil, gray-black gumbo
sticky as glue
Prunus, spm

fire plants on lower ledge
edge of woods

Lib. ref
Polypodium wood
Trostecium yellow, (spm)

redbud
bit ash (gl. long & put ho)
red oak
red elm
sh. b. hick

Anem. rug

Towards margin looks
like woods at edge
of Agave ridge pt. in
Adams Co

Open on next lower
shelf, more less open
more redbud,

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but still grasses,
Lich, et.

Erig. pulch Ascl. tub.
Cor. trip
Silyb. trip
Thal. ran

There are stumps here.
Soil more of a forest type,
but in places prairie.

Linnetox
Brauneria purp

The bit oak is a tree,
& follows along
rain down

Following down little
ravine
tulip
red oak

at 6 mi +

a high s. s. cliff
Betula nigra *lutea*
Pheg.
Asp. *Imray*
Aralia spinescens
Vitis aesp.
Sedum
Polyp.
Osm. regalis
Carya, 9 lbs

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Aspl. ff
tr arb. or rub.
Rhoiz. on rock
Dryf

Heuch. par rug
" hairy spm

Beyond 8 mi -
nearer to 9 mi.

An old road goes down
a mesophytic ravine
bordered above by cliff
woods has some large
trees:

beech	tulip
s. maple	cucumber
red oak	

but mostly second growth
with good ground cover

Hep. acut.
Sedum
Trillium
bloodroot
Aralis rac.
menisperm. can.

(wood be good in spring) etc

An extensive prairie
& open ridge at 7 mi
on east side of rd.
the location of 2 Crat.
springs,

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May 23

Valley of Morgan Fork
just abv Clearfield

Magn. tree, in valleys

Lower slopes have remnants
of m.m. - four about W
beech
red oak (b.m.)
wh. oak

with sandy soil, ridges
with oaks + evergreens

Brook was oak & beech

Has wh. oak, pc. oak
Oxyel

W. repr of oaks, maple
Lynx, beech

one vac

" stam

Azalea, 2 spp

Palmeria

Angelica, smooth

Dribberia Core of aw

Cor. major chionanthus

tr art gayl

Cumula

Mats of lichen & moss
esp Fern

Rosine, - big beech,
chestnut

+ repr of tulip, which
sh & beech, O galbra

dogwood & Amel

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Arist. serf Hydrangea

brun cae Hamamelis

Polyp; Osm. Clay

Adiantum

Iris crest Phlegop

Astr. macr. Osm. Cur

" des Aspl. ff

Ger Smilacium

Aruncus Sol lat

• mt. Stell. pub. Quercus

Pedicular Ran h. of

Lys. quadr Cyp pub. Jam

Stal. caesia Smilax herb

Krugia Hesperis

Heuch - pink fls

Callisoma Rosyst. laer

Herpocnem. lan

Lidelle Amurefuys

Gillera step

Ceanothus more on left
bank

Whole aspect (as seen
from roads) is that
forest is oak-hickory
for this is the prev.
reproduction.

Remnants of big trees
are few

Only seen on easterly
slopes

Evidence is that

mm prevailed in
all valleys & far up
slopes other than too
s. s. ones

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Valley of Morgan Fork
Streamside

Platanus

Bet. nigra

Cogswell Road

Ridgetop: here ^{is} has its
big trees: D. vel. pub. ## ##

white oak ## ## Sc. oak |||

sh bark | D. prinus ||

locust | C. glabra ## ||

of y. pine || with smaller

sh. oak red maple

D. vel. pub. Ascyrum

sh bark Hesperis cut leaf

C. villosa spruce

glabra D. stellata

D. glabra Walnut

D. glabra

D. glabra

D. glabra

D. glabra

4 l. oak, hick
 hicksp. Oregon
 Sassa redbud
 Ch oak

bits aet
 Annel., (pub)

Daubonia sp	vac st
Rosa sp	slays her
Aster und	Iris vers
Helianthus div	
Panicum	Gillemastif
Festuca oct	Luzula
Coreopsis major	Salvia
Lesp. spp	Smilax gl
Ant. plant	Thasp. aet
Aster patens	Serd. ast
Aurea	Arabis (spec of May 22)
Tephrosia	

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Viola pedata	Convolv. (pub)
Euph. cor	fire pine
Pot. purm. + can	Silene stell.
Hier. venosum	Cubelium
Smilax bn	
Hemich. beg.	Pteris
Trenedia	Polygonatum st pm
Aster laevis	Ceanothus
occ. Phlox div	vac vac
Geranium	Umb. perf
Urtica can	Aster phly
Sol. erecta + herb	
Heberrary	Can. rec
Viola, app. palmata	
Hesim. rot	

On the n. slope of this
 ridge top, basswood
 pines almost to top in
 also 5 maple white Birch
 yellow poplar red oak
 The herb. layer at

more becomes more wooded
in aspect

with Polyst
Adiantum
Phlox des
Hesperom
Aster des
Carnicifera
Emp. urtica
Pseuderis
Anemone

(a cliff face about 6-10 ft
- 20 ft)

Asarum can
Smilax herb
Amphicarpis
Botrychium

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Sol. latif
mulleriana

Ridge top slightly lower
becomes d. s. -

* prairie-like - one of
best of these areas.

Eryngium	Celtis desmodif
Sol. rugosa	Desm. rot
Phys.	Sol. ulm.
Rizis	perennans
Aster laevis	
Phlox pilosa	Silph. trif
Smilax + And	Laenidea
Helianthus purpureus	Salvia
Brunnera purp	Hypoxis
Sisyr. albidus	
Lithosperm	Passiflora lutea
Euph. cor	fire pink desmodif
Thal. rev	Blepharidion

Woody low; -

Celtis densiflora walnut
Cercis red elm
Thospyros Chromolaena
Sassa.
Viburnum
Rosa
Crataegus

herbs com.

Aster phlyg
Vincetoxicum
Sulphurwort
" triflorus

l.s. ledges *verispermus*

Triostema

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Aster phlyg
Eup. sessil
Lobelia (leptocarp)
Arabis, suble (sp)

On north slope, almost
at once changes to
thicket + to forest in
wh. tulip + ash incl
former MM

On rocks - columbine, red elm,
Pellaea
Walking fern
Leptorhiza

Cypr. parv. pub

High S.S. knob +
cliff: -

slope up -
Phacelia

on rocks -
Aspl. platyne

Big trees east + top

Ch. oak #H#H

bl oak III

hick #H#

N.W. Nysa 1

7

3

5

1

16

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N.W.

birds (Blerta)

hick

var. meso herbs +
ferns + adiantum

Knob is open woody
not the dense grassy
type

with

Phacelia

Cornus

Leucis

Dryf

Cor. major

bilb. acenf

Helianthus

Tamulus

Eunila

Aster patens

birds, amel + bar conyals
in rock

Rocks on Parmelia,
 Umbilicaria Usnea
 Frelleria
 Polypody Gyrophora
 Rhod.
 Aspl. pin. (pinus)
 Mats of Alarum

The above contains all
 its veg.

Just over on N.W.
 Birch
 chestnut
 hickory

Ceriumfunga
 Osm. clark

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Polyst.	Cyprip. par
Aster div	Aspl. ff
Driscroft	Hydrangea
Adiantum	Usp. pr
	Calostema
	Rhoscra

Face of cliffs with moss
 cushions + Cladonia
 Heuch. par rug
 Silene rot
 Liverworts + moss

Thalesia

Slope below cliffs to NW
 secondary oak, birch
 + dogwood, tulip
 with poor moss herb
 layer
 Ceriumfunga
 Aster div, + div
 Umbilicaria par

Polyst. Adiantum
 Geranium Botry virgin
 Aspl f. Phegopteris
 Hesperis matronalis
 bloodroot
 Cyperus parviflorus
 asp. mary
 Eup. irt.
 Aralia sp. sp.
 Arist. serp.
 Cyperus parviflorus
 Cynoglossum Hydragea
 Panax quinquefolium Psedera
 Collinsonia
 Geranium Heuchera big
 Smilacina Anemone
 Sol. latif. Scut. (petra)

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Chamædorea
 basswood, green
 Phlox der. Hb. acerif.
 Aralia rac. Benzoin
 Indary - It had chestnut
 Ch oak
 red oak
 hickory sp.
 Myrica
 holly
 walnut

(L. S. level) ↓

Magn. trip. down
 a good ways

Tr. grand Clematis
 Urticastrum Trillium
 Rhus To. Asarum canadense

Staphylococcus on sun
slope on l. slope
Corylus ^{thegea}
Corypsian

Cont. mess: -

Arenaria
Asimina Ascl. quad
Jack Phry
Utrul. grand

More Cassin's in ref
& Smoyle
More redtbl Mededa
Aspl. acrost
Aralia rac trilapalm
trilapost
Shal. dio

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Opposing slopes
look different

On s. slope, Cor. aur.
N. all mess

Farther along ridge -
Phlox subulata

Dybbow Cut off
of Licking R.

Nymphaea - all over
Cephalanthus
Sagittaria latifolia
Carex
Centaurea mac.
Junus eff.
Polyg. sparg.
Lyopis

Supper at Inpleto Co branch
Hesperis matronalis (Broomrape)
That is B. nigra
Beech

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Syc.
Wh oak

alder nr. stria
Azalea pale
Sol. aspera?
blueets
Hyp. prolificum
Clem. virgin.
Rhus toxicodendron