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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.



35

E. LUCY BRAUN
SALEM PIKE, MT. WASHINGTON
R.R. 13, BOX 41C
CINCINNATI 30

35

OHIO

1946 - 4

- July 1. To Cambridge
July 3. Cambridge, Mass
to Catskill N. Y.
July 4. Winter Cove, Round
Top, N. Y.
July 5. Circle trip: 23 (west)
296 (south), 23A (west to Sep.),
42 (south), 28 (west to Big
Indian), then south; return
to 28, 42, 23A (east to
Palenville + jet 32, telavro
July 6. Catskills to Carlisle, Pa
" 7. Carlisle to Lancaster, O

July 1. - to Cambridge

at Cape Reddick, Me,
red oak + beech on a
sand ridge (prob. old dune)
no farther from coast than
tidal inlet.

On U.S. 1. - oak woods =
red oak most, some
wh. oak + bl. oak
also wh. pine

About Newberry, ^{wh.} oaks
become more abundant

Red cedar repr. in pasture
starts about Newberry
Not a sharp line, for
alt wh. pine or red cedar

July 3, Cambridge -
viz - 9, 20, 23

General New Engl upland -
much oak - red, wh. blue

At Westfield (beyond)
leaves 20, onto 23,
+ at once ascend
abruptly - ~~///~~ black rock,
then granite, then massive black
Forest as first changes,
hills wooded in variety
red oak } walnut or hickory
s. maple } blue
red maple }
tulip (on asc. slope)
beech
y. birch. wh. (or gray) birch
hemlock

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Tilia	
ash	(up to plateau)
wh. pine	Pr. serot.
ras. spruce	
chestnut	
	(Cobble mt. island plateau)
mt. Laurel in underg.	
Corylus rostr.	
Hicoria	Rubus hisp.
Vib. aln.	Apice
Quercus	Arabis melle.
Rubus purpl.	
Vib. acer	Osir. int. + un.
Ostrya	Hickory
	Collinsia
Vitis sp	Phegop. poly.
	Rhus compe.
	Hola not
	Zorilla
	Medea
	Smilacina

Walk in
off little lake
mountain

Aster divar
Aster acun
Ptilipoda
Muhl. sessil
Aspl. ff
Arnica pa
vac. sp
Desm. sp
Adiantum

Marsilea
Trentalia
Mitchella
Houstonia coer
Amphicarp
Pedicularis can
Gaultheria
Asclep. phyto
Adiantum alba
p. my

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Liliaceae phil
" can (yellow)
Solidago caesa, v. sp.
Polygonum sag. at
roadside

General appearance -
greater variety than
northern forest
less dominance

Some hawkweeds
seen on Cobble with
~~to~~ be the same
Heckory on a wet
slope

Pass Jct. 8

Ruler Moulery
Larch in old field

Pass Barrington

White oak, etc. & others
Spruce paper in a lump

near Hudson -
west slopes above
Hudson valley -
oak wood. wood
red, wh, black & ch. only

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July 4

Wester Clove, beyond
Round Top, in
the Catskills

along rd from Cairo,
oak woods - red,
white, & chestnut w.
hickory, maple, &
chestnut sprouts

Behind hotel -

wh (or gray) birch	
butternut	red pine (1)
wh ash	Pop. tremula
red oak	S. maple
Osage	wh pine
chestnut	Thuja
Q. montana	beech
	red maple

Saxifrage
Small hemlock & big fern
Mittelhazel Amelanchier
Acer penn + spec
Vit acerif Ampou
Azalea vit. dent group
Cornus alb + cere
Kalmia
Vacc. v. v. + spec
Rhus sp
Mullein

Aster macro
Cypripedium acule & small sp.
Sambucus
Helianthus divar
Aster cord
Collinsonia
Pedicularis
Coralia nud + rac
Amphicarp

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Umbel. sessil + perf
Lilium phil
Polystichum
Macanth
Gaultheria
Melampyrum
Grass - diverg panicle
largish spikelets -
spore from mt take
Aster ped; divar
Osmunda ent
Mimodropus
Pteris
Solidago caerulea
Mullein

Rockstr. polyphyd & main
wchins of the ...

upward - aspect
becomes that of a
secondary app. oak
woods, or, hemlock,
and a heath layer (oak)
substr. arbuteus

herbs comp -
Galium lance. (purple)
Rumex crisp
Steir. quadr

Higher, more
hemlock, red oak
beech & maple

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birds, not

Viburnum

Asteracum

Sort of a core, in
biggest creek -
Remnants of larger
trees -

of birch

hemlock

larch

maple

butterbur

red oak

beech

& pred. part - leaf under
layer of saplings are
herbs -

Acarperum & spina
Vet alia

Collumina

Zarella

Laportia

Aster minor, cordata, acumin

" dir.

Osmorhiza

Rhizophora

Aspl. ff

Hydr. verna

Polygonum herb

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Eup. vertic

Artemisia atr

Aspl. minor, nob

Aspl. ff

Volva rot

Actaea alba

Artem. rac

Pheg. polyg

Scroph. pur

Brachyotum

Urtica diaph

P.M. — "The ledges"
Comptonia & huckleberry on
a west slope

Ranunc, at bridge w.
large s maple, Tilia,
red oak & ch oak,

Young secondary — more or
less flat ridge

birch (prob.?) red maple,
red oak, ch oak
chestnut

var. app. — ^{var}stam
penn
Gaylussacia
Polygala pennsylv

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(Aspect is distinctly
app. —)

Viola sag or fruticosa

Vib. acer
" little lvs.

Comandra
Gaultheria
Aquilegia

Scarlet oak
ch oak
sh b hick
sh pine

vac. penn
Gaultheria
Spiraea
Melampyrum
Hepatica
Helleborus venosus

Scrubby ^{sprout} tree summit
of
Montana - usually
ser. sprout
Coccoloba
Ilex
Picea

with Kalmia, vac,
Gayl. Azalea

Melampyrum

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Bluffs
Amel. sp
Ceanothus

Open summits

~~red shale bluffs~~

w. very scrubby oaks
+ p pine

Carpet of bearberry
+ vac penn, of Danthonia
Hibiscus ^{one species}
Sarcocarpus
Prunus - a dwarf stone
berry beneath + red petiole
Campanula

These open + scrubby
ledges prob. enlarged
by summit cutting

but their flora ind.
persistent from my
openings

An opening (not nest)
zone plants -
Cornus
Ceanothus
Rosa
Crataegus
Vacc. stem, + tree
Comptonia
Verbena (dent. group
w. little tree + stem
petals)

Comandra

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Lilium phil
Solidago angustata?
+ grasses

An art. clearing
covering a knoll does
not have the spp

of the nat. opening -
It is Pin, Dandelion
away etc

July 5

Cable trip thru Catehells

Low elevation -

wh oak Tilia³
red oak hatterus
shub hick ash
s maple 2 mont

Climbing up slope -
white oak apparently
drops out

Now s. maple, beech

Tilia,
red oak
ash
hemlock
y larch
2 mont

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hick.

Acer penn
white birch

296 across -

Many areas are dominantly
s. maple (perhaps helped
to be so by cutting of
other sp. to favor s. maple
for syrup)

on plateau
Cross a river, - willow
shrub border

many hemlocks w/
hardwoods. White pine
also

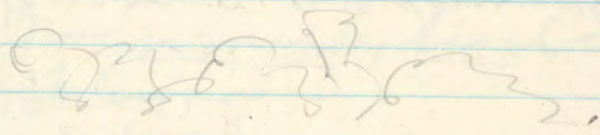
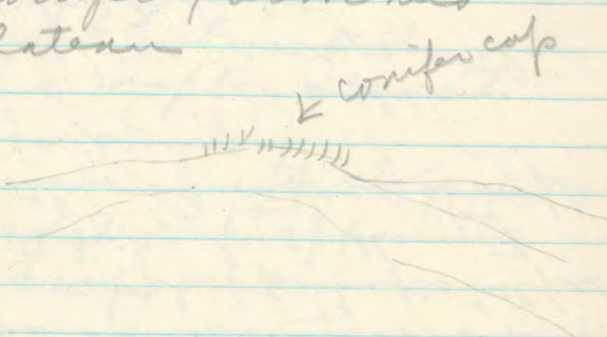
Misc. sp. seen on 296

s. maple Pr. serot
beech red oak
Tilia ash
red maple hemlock
wh. pine

aspen down
w/ birch

White pines stick up out
of hardwood on plateau

Mts rise high + rather
abruptly above the
plateau



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These all hardwood
slopes w. hemlocks
in ravines - on lower
slopes.

The highest summits only
capped w. spruce

West on 53 A to

Sta 42.

After Westhill, road
climbs & goes thru narrow
gaps -

Hardwood slopes -

beech hemlock
s maple elm red
y. birch
Butternut
red oak
Tilia
ash

Smaller trees -
the above

Acer sp. Carpinus
pinus
Vib. alnif

Sambucus rac

Rubus - red leaf
" " blue

Rubus sp. Quercus

Eup. white

Asarum

Hydrophyllum

Aspl. adnigrifolium; Adiantum

Urtica grac

Osmunda pelt

Impatiens

Rubus alba

Galidaga lutea

Artemisia

Asp. spin

Cirsium - not

Scirpus

Opalis mont

Tulium erectum

Cyst. bulb.

Deep black leaf mold

in steep rocky slope
very meso.

Streptopogon
Laportea *Thal. diva*
Aster acuminatus
Arabis

very lux. herb. layers.
The biggest sp., as *Elym-*
nearly obscure etc.
lower, as *Tunell*

Rocks + vert cliffs w
moss + lichen

Columbinas on rocks
+ moss + ferns
Maianth on a rock.

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These slopes in the
gap are in quite
natural cond.

They illustrate the
higher hardwood
forest of higher slopes

Although doubtless
logged, never destroyed
so, & their undergrowth
is intact.

Present evidence of
logging not seen

Aspens + white birch
not present

Coming toward 28.
look across valley
to lower slopes & see
much hemlock & white
pine (Sudary).

West on 28 to Big
Indian.

South - to Deverea.

At Deverea, hardwood
slopes have a mixed
character quite diff
in app. from the
north woods -

(from road)
Can see pr. maple

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beech	hemlock
y birch	red oak
red maple	Tilia
ash	buttercup
Amelanchier	

Near road, on flat
valley floor - all
small -
incl. Pr. perot.

A local marginal
slope, young growth
v. dense & dominant

A saw a sycamore
tree along a creek
w. of Westkill,
(I saw one too) -
bet. Westhill & Lexington

In general the slopes of
this higher part of the
Catskills are hardwoods
in which maple appears
to be most conspicuous,
but with which are inter-
mingled the species listed.

Red oak alone of the oaks is
here and not as abundant
as lower

Back to 23a and east

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on 23a, This comes
down thru a gorge cut
deeply in the front.
These slopes are excessively
steep. Hemlock is conspicuous
among the hardwoods.

The slopes rise from gorge
tops steeply, then less
steep, & tops (or spruce)
are possible

At the bottom just before
Palenville, white oak
appears, and across 32
between 23a + 23, where
32 runs fairly close to
the foot of the front,
white oak is a dominant.
Also present are red oak,
black oak, hickory,
white pine (some pure

stands), patch pine (leaf
hemlock, spruce, oak, ch. oak
One area mostly young
hickory w. some wh.
pine & hemlock.

The white oak woods (along
rd. from Cairo into
Winter Cove) contain
white oak, ch. oak, white
pine, hickory -

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July

July 6.

S.W. from Keokuk
go thru broad
valley bet. Hudson
Hessland
Cattkill H.C.R. & V.

On rolling land:
white oak

hick. shell b. & sumac
Q. montana
white pine hemlock
+
+
walnut or butternut
p. maple

Sprouts still apparent

N. of Beemitsmill
Cliff on right & Del. flat
Down, white oak
red oak
white pine
chestnut oak
black oak
walnut
sh. b. tick
chestnut sprouts

Very much

some trees of
elliptical
rock slope mostly
A. maple & Tilia

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Cross River R.

Baptist tractoria (+
before this)

Crossed Del. R.

on top of
cliff slope on
right

S. of Guilford

Bluffs of Del. R.

Down take
(white, black)
xc

white pine over

white oak
black oak

hickory
Sycamore down
hemlock or
N. cone poplar
sugar maple in ^{the} ^{line}
walnut
ash
sassafras

S of Stroudsburg
Beech trees on a
hill (ash trees)
99577

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Lots of beech trees
at -
S. m. of Bushheads
on a slight earthen
slope cut in valley

White oak on
valley floor (a very
broad valley) at
Krusville.

Along a ridge -
secondary -
black oak
chest oak
white oak

also wh. pine
wh. oak
red maple
a short leaved fern
heaths (? yellow)

Beautiful grass
fields (in valley)
wheat, oats
apples, peaches
tomatoes, corn
potato fields

another ridge
has a lot of
hemlock (at summit)

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through dipping
rocks! -

hemlock
red oak
birch - ? yellow
red maple
wh. pine
Rhodod.

passed through
the valley
trees there

Down to a
lower valley
then up

great quantity
of Rhodo. on a steep
E.W. slope at
Ruggold

Leekdale + go off
on 72 - - -

lots of tulip
russ birch

Is this the
first time
in Sugy. drain?

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July 7.

Carlisle, Pa. to
Lancaster, Ohio
(340 miles)

Pa. Turnpike

Whole area is oak
in which white oak
is prominent in all
but the poorer sites

None of the ridges a
extreme as Seven Mts -
(The types seen are
more thorn on approach
to State College from
Lancaster)
Ch. oak & sc. oak conspic.

on some of the
ridges

Pines

Beech not seen

S. maple confined to
a few patches

Tilia, " "

occ. cucumber

On slope to Allegheny
Tnt Tunnel

whole aspect change

Forest more mixed

T. heterophylla

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stands out as white
blotches. Also another
sp of Tilia, s. maple,
beech & other sp.

This also on ~~some~~
slopes at west end
of tunnel & beyond

Much of plateau
too rocky to ill. type,
but s. maple not
abundant on low
slopes that at R. & V.
are white oak.

Plateau here not M. N.
not northern, &
not oak.

Eastern Ohio from
Wheeling almost
to Lancaster -
very poor sandstone
with oak cones.
This oak band must
be emphasized.

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The pine listed as
red pine, July 4, AM
had brittle lvs
the dwarfed one on the
ledges - not brittle

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Enjoyed the privilege
of discussing my
problems with you

42
 22
 47
 111 — 111 Hamorck

14
 14
 10
 9
 9-
 9

65 — 65 Hamorck to Montrose
 via 17 (nr),
 79, 802,
 us 11, us 106

37 — 37 Towanda
 213 — 112
 128
 112
 526

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Catskill 42
 0 m 30 - 22
 47 (Hamorck)
 14
 29 (Binghamton)
 149 — 149
 but cut s. to 70
 + w. to 106

22 (11, 106, 86)
 36 to 220
 15 (Towanda)

73 — 73
 88
 40 Lockhart

128 — 128
 24
 13
 3
 14
 18 allona
 40 triumph at Bedford
 112 — 112

462

37

29 Greenburg via 30

16

30 Wash

112 (112)

48

17

32

17

49

43

24

125

20

18 Summit

143 (143)

21

82

27

112

22

143

47

337

117 117

117

372

2162

834

454

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15

23

29

12

19 Port Jervis

98 - 98

143

- 48

95

117

212 Std - len

7

40

7

18

19

16

37

20 (Harrington)

18 Carleton + Wash

82

112 Carleton

194 Wash

40

242 - Std.

182 - 182

(260)

48

17

17

82 82 Bedford

362

Bedford A on 220 to 50

31

27

58

58

30

40

18

47

38

Parkersburg

173

173

16

22

28

33

21

18

57

195

195

426

Bedford - Cincinnati

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149

13

60

T

22

17

13

Wellston

261

261

49

Wellington

27

Lock

76

76

37

112

Bedford

449

Port Jervis - Carlisle
via 6 & 11

7
25
33

18
58

38 Sunbury
67 Carlisle

216

~~98~~
216
314

will arrive sometime
Monday afternoon

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261 Wellsboro

48

29

10

26