



Hunt Institute for Botanical Documentation
5th Floor, Hunt Library
Carnegie Mellon University
4909 Frew Street
Pittsburgh, PA 15213-3890
Contact: Archives
Telephone: 412-268-2434
Email: huntinst@andrew.cmu.edu
Web site: www.huntbotanical.org

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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.



32

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E. LUCY BRAUN

SALEM PIKE

MT. WASHINGTON

32 R. R. 13, BOX 41 C

CINCINNATI 30

1946 - 1 OHIO

June 10. Enroute - Woster-Kum

June 11. Lily Dale, on Casa-
daga, N. Y.
+ en route

June 12. Letchworth State
Park, Genesee R. gorge

12. Exp forest, Syracuse

June 13. Syracuse & park

" 14 Syracuse + north
also, eve., Green Lake

" 15. Syracuse to Waverly

June 11
 Lilly Dale, N. Y.

Original forest of
 very large & tall trees.

Big 2nd size

S. maple	brush
beech	S. maple
hemlock	hemlock
wh pine	y brush
cherry	
cucumber	
red maple (cut)	
red oak	
y brush	
hick	
wh ash	
Carya ovata	

Small

Small

Ostrya
(mostly small)

red elderberry (not fruit)

Vib. acerif

chestnut beech

cherry

wh ash

Lilac (alm. no ap. left)

Cornus alt.

Vib. acerif

Impatiens

Sm. hairy

Small. rac.

Aralia nudica + rac.

Maianth

Disp. lan

Ail. alb.

Trillium grand

Arisaema atro

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Collinsonia

Asp. n. b.

Podoph

Viola rot

Circaea late

y violet

Medeola

blue violet

Cornus. rac

Mullein

Mitchella

Sambucus herb

Pyrola sec

Thurella

Hydroph. v. v. g.

Viola blanda

Streptopus

Polyp. hfl

Aster divar ?

Cauloph

Clint. bor

Can. viola

Summery at back of n.b.

(20)	red maple - IIII	IIII
	IIII IIII IIII	
	s. maple - IIII IIII	IIII IIII IIII I
	IIII	IIII IIII IIII
	beech - IIII IIII IIII	IIII IIII
	IIII IIII IIII	
	hemlock - IIII IIII IIII IIII IIII IIII	IIII IIII IIII
	IIII IIII IIII IIII IIII	IIII
	wh. pine - IIII IIII	
	IIII	
	cucumber - IIII IIII	II
	cherry - IIII IIII IIII	IIII II
	IIII IIII	
	red oak - IIII IIII	I
	wh ash - IIII IIII	IIII
	y. birch - IIII	IIII

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Tilia - IIII	(3)	I
Carya - II	(2)	II

The hemlocks the largest
 " wh. pine 1/2 tall as
 & almost as large.

Some hemlock has died
 Undergo shows change
 to B+M. & hardwoods
 more red maple in
 lower part but
 even there with a single
 layer

The entire spot is

the trail (where more red maple) is black & muddy. There is an appearance of rice in the woods to a higher flat.

Outside fence on r, at evid. was logged long ago. It is now B-M.

En route, June 10

north of Wooster 2.5 m. & beech become abundant.

Buttercup (R. aris) begin in the field

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Before Kinsman, Hieracium aurantia begins, but become abundant

Buttercup & daisies in v B-M. Then, buttercup & Ranunculus

En Route June 11

Some ind. of H. v. P. - 4. h. h. in the P. & Connant Lake area

Much dry persic. in the swamps; also Sp. white

Cross glaciated plateau - Oneadville - Colby - Jamestown, N.Y.

Wh pine most abundant
in broad flat valleys
(glacial fills)

At Jamestown, turn
n to Cassadaga +
Lilly Dale (see notes)

Then north to Fredonia
wh. is on lake plain

Grapes + red rasp. chief
crops of the lake plain

Rise from plains to
glaciated plateau
Inc. fall in US 20, then
20. A) is imperceptible

Pine cherry becomes
prom. on plat

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On lake plains, forest
remnant only in wet
parts - wh. elm most
prominent. If it is
B-M, it is repr only
by devel. stages; the
better sites are cult.

On the plateau much
less utility. Some oats

Rising up east slope of
Genesee valley (west facing
slope at Genesee), large
white oak, hick, +
walnut (see Bray's
map of N.Y.)

June 12

Letchworth State Park
Genesee R gorge

Slope forest is mixed
red oak
wh oak
beech
birch (cherry)
Jilia
Cucumber
s maple
chestnut (some w small spines)
shb beech
wh pine
red elm

Higher part of oak +
maple on upper slope

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Ammocelis Melampy
Vit acerif M. maculif
choke cherry
Samb. rac. (not pub)

Arisaema atr
Impatiens
Sol. exsu
Eup. vertic
Thal. dioic
Geranium mac
Aralia rac
Cim. rac
red rasp
Smil rac

In oak-maple of upper slope -
Cornus florida
Ham.
Ostrya see over

(more or less 32)

wh oak
red oak
s maple D. montana
cucumber chestnut
beech tulip
Tilia walnut
red elm

wh oak Red. oak
loc. stay Sarcolla
vac vac Polyst.
Azalea Adiantum
Orch. umb Callisperm
 Pteris
 Podoph.

Nothing northern
about this comm.
It looks like an
app. forest but is

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few undergrowth species
more bar & azalea for
a woods w. Big Tilia

Slope forest baries w.
profile & dir. of slope.
Here ~~is~~ many big
Tilia

red oak oak, Tilia
cur. maple (formerly
w. chestnut) in places
prevail

herb. com
Stirac venose
Ger. mac
Ant. plant
Aster pend.
Sol. caese

A wh pine - oak area (small)
 or big wh. pines
 mainly in this area.

hemlock
 Gaultheria - Aster macro
 Gayl. (not much)

Small area - sandy
 Pop. trem, grand-
 red maple
 ch oak, rh oak

Pines at edge of bluff
 are P. resinosa (?)
 then or. wh pine,
 red oak, black

Acer pen

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wh oak - IIII 1	6
Tilia - IIII	5
wh pine - III	3
red oak - IIII IIII 1	11
2 maple - IIII 1	6
chest. humps - IIII 1	6
butcher - II	2
bush - II	2
tulip - II	2
Q mont - II	2
	<hr/> 45 <hr/>

2nd Parking area - to
 Insp. pt.
 A red pine forest
 all" y or heath layer
 over
 red cedar on face of bluff

v/ Gayl. bar. penne
v/ Azalea bar stan

much miscanth.

Melampyris
+ taller shrubs of
Hamman bil. leaf
chokecherry
red maple

Occ. wh pine a little
warp bark

Then wh oak, red oak
also

Then about all hder.
no oak, beech
wh ash, chest
of which wh oak +
beech down to

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with 20 ft of edge
(small area) v/
Aralia nudic. - a layer
in part of the red-wh. pine
a small mass

despro. lan
Aster mon
Ailone alba
Shepherd

On 245

eft. cattail + Iris
marshes +
elm + silver maple
swamps.

June 12

Exp. forest - Syracuse

West facing slope
(was edge of lake)

red oak, white oak,
hickory, v. s. maple,
hemlock, sycamore,
a beech in under.

Oak-hick + "Cove"
& v. s. consid. chestnut
neither oak-hick nor
northern

Aralia nudicaulis

Aspid. longifolia

Aster multiflorus

Cornus florida

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Smilax racemosa

[red pine needles will
break when bent]

Syr. - slope on
S. side of camper
is white oak - red oak
bl. oak + some hick
& was a little ch.
"O-H"

old field - ash +
Crataegus

High slopes - maple
has some white

June 13

Higher - above
oaks -
maple, beech, some
elm & basswood

Plateau level to
south (divide) 1400
- 20,00 ft.

Top Sabroder gap,
glacially gouged.
Lake benches (formed)
& rapidly cut valleys
below

(Turn left off 11)
Top of hill on
plateau

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3 maple

beech (not much)

basswood

cherry (occ)

ash (occ)

much maple refer

asp spec chokecherry

" goldie Impatiens

Dent diph Samb. rac

Aris. d. str. Wood. gr

Hydroph. virg Sol. leaf

Eup. urtica Adiant. w/

Viola can. Tharella

Mull. humus -

leaf litter all taken

into humps by
each humus +
ground base

East slope, "rich
woods

1/2 mi NW of Apulia_{th}

Hydrocar
gas. robert (3)

Under

s. maple

ash

Ostrya

Cornus alt

Zilia

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beech

loose granular black

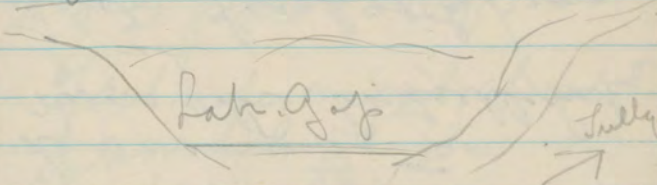
mull soil

cont -

Asarum can

Polypsch

Hepaticus



drainage to Sully

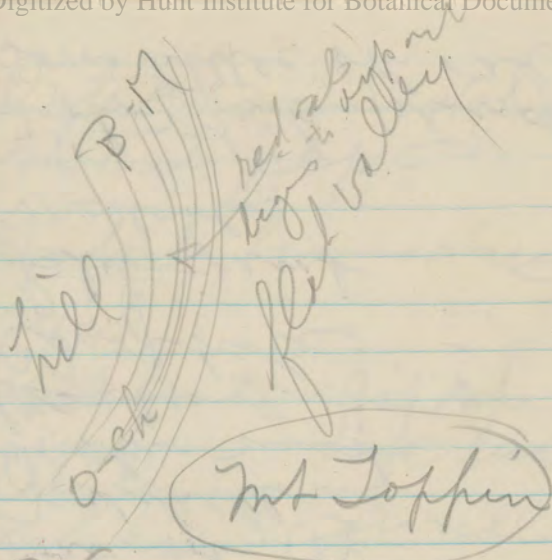
Sully

outwash plain -
drainage to S.
now occ. by Sully lakes

Flats hemlock & ash pine
& n. hardwood
much elm where wet
or elm-ash-maple

Off 11 on rd to Preble,
S out of Preble,
O'Connell from O'Connell
Lake - all. from (Corn)
swamps & Sully lakes
to N. York Lake S.

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S.E. esp.
lower part is sprout-
of red maple, n. oak, ch oak
& some hickories
chestnut

dogwood	Corylus rostrata
Hickory	Acer
Viburnum	Ostrya
	Acer penns.

patches of trout + gannet
marsh

Aster div. var. var.

Sol. can. Azalea

Thal. div.

Polyg. bif. var. penn.

Hab. orb. (+)

Mitchella

Aralia nud.

Azalea

Comphol.

Lilium pens.

Medeola

Pots of ch. stump

some little herb

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Onto a ravine slope

th cuts slope -

hemlock hemlock

bush

Bet. lutea. Asp. sp.

Chestnut. Life luc.

wh. ash. Saurilla

red maple. Mura. th.

red oak. Metrola

~~red oak~~ Astroc. ac.

hemlock-red oak-red maple

Hab. orb.

Trill. ground

Pyrola sec.

Merulla Aspl of red
life the
Mutchida
roof
appetuous layer of
humus on top

Array from pinning
flattest

less hemlock & more
maple (s & red) fern
& beech

Pyrola sec
Wood rose
Smilax herb

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more red oak
form of strictly
hemlock green

Podoph
Buttr very

Pinus, less steep
sited

beech

Tilia

net oak

cup, 3rd leaf
Cauloph

~~Bark 11~~

Over to chesh - ch val -
- red oak - red maple

Some sect w/ the pine
w. some bar & azalea
& only & Incauntly
north from

Ger mac
Aer. venose

Back to 11,
to Harner
" Cortland

then pt 13. to e. of
McLean

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McLean Wildlife Preserve
of Cornell
was mostly B-M +
n. hardwood w
hemlock & birch
now birch, cherry, maple

Taxus
Fruit for Duran
Sparrow
Hepatica
and Chokeberry
Asp spruce
Alder also
Vine
Kunze
conspicuous?
Cauloph
Slope ↑

Cross pruned
Another heath by
slope is

Waldst }
Surrella } cover 1007
+ } p

Asarum Cornus

Asp n l

Botry veg

icola apt

Panax yu

Circad lnt

Adiantum

Cauloph

Polyst

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Trillium

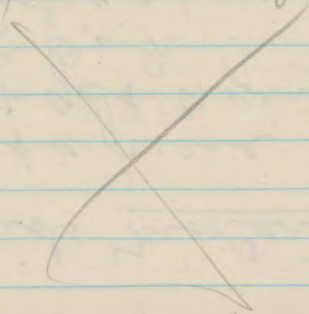
leaf. underground

Stand under 50 yrs
but never burned

Irregular,

more B + M near top
of knoll

Lupinus - large patches



Fide McCarthy -

Cut a piece of B-17
& get a group of trees
R Oak ^{hardwood}
white ash
hickory
red maple
cherry
9 asp., also
bitternut
bitternut hick
2 elms, esp. fulva
& fraxino perith
also hickory, cuc.,
& tulip

All the above fairly
fast growing & as

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long lived, form a
fairly perm. type

"Please emphasize
the group of trees"
(above discussed)

June 14
West of Baldwinsville
1865-70 - clear cut

old chestnut stumps +
stumps of sprouts
old (80 yr) pine stumps
was a pine - chestnut
stand

now is a hardwood
of red oak - largest
of hassard

red maple
cherry
wh ash

and a few (1) bl. oak
tulip, s. maple
Ostrya (all + stumps)
bitternut

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an understory of
beech, s. maple, +
some hemlock, occ y birch

gravelly terrain w.
chestnut knolls
+ scant herb layer of
Mnium
Medeola Cypripedium
Smilacina aspid. nodosa
Coralia nudicaulis
Podophyllum peltatum
p. w. y. helleborus
Acer penn. helleborus
Trollium y. y.
(old Adiantum fern)
pine stumps, many
trees 100 yrs ±
so go back to 1770
before white oak

Cut in 1913 - 53 yr chest

Almost no older trees
but see

- ✓ beech 11
- s maple 1
- cherry 1 (31 in dbh)
- hemlock
- baswood

Then a slightly
lower / better site
& apparently older
stand (no c. prod no)
of beech beech, wh. & sh
red oak

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- ash
- cucumber (19 in dbh)
- s maple

& understory of hemlock
michelle

a hemlock area

a few white oaks

3/2 mi. N of W of
Baldwinsville

on old field white
pine stand (trees ^{37 in}
dbh) + yrs - 96 -
100
(3/4 x n.f.)

pine & hemlock,
no hardwoods

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Whiskey Hollow
(further west + south)
was a pine-chest
hollow -
cut 100 yrs back +
ch. oak released (102 yrs)
old.
now
beech
basswood
hemlock
ch oak
sugar
red oak

a chestnut on an
old pine stump
would have started
about 1825
Erie Canal opened in 1825

A rather leafy appearance
but little underneath

Asp. sp
Buller's

Chestnut about 85 yrs
when cut
add 20-30 yrs for
blight

Started over 100 yrs
ago when wh pine
was cut

An aspen big tooth &
simon or ^{thompson}

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Lyc compl

More open old fields

2 aspen spp
red maple
& tulip

Back in woods
Aster and
Gaulther
Ger mac
Trac penn
Wool sess

Onto main green field
a very messy herb
layer like m

Callunosa
Umb. gr.
Juncella
Mulle
adnata
Pheg
Bergin
San Inant
Ruberan
Aralia rac, vult
Osm. pub.
Polyg. hyp
Asp. n-l
Euphorb
Trell grand
Actaea alba, rubra

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Impatiens

in beech-forest
maple-forest
hemlock

For green lake -
Synacuse
see after en route
of 6-15

Flats (Morbark pectus)
many cattail + Iris
marshes, and
elm + silver maple wood

June 15 -
En Route
Syracuse - Waukena

Flats to west (lake
plain) of Lake Ontario
much elm - ash - maple

also, lots of white pine
sticking up above
secondary hardwoods.

Low areas w. arbutus

Watertown -

East of " , very

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sandy + apparently
lines of fossil dunes
(Common weed in
fields + meadows - a
yellow Euphorbia)

secondary hardwoods +
white pine

In a few places, Jack
pine also

Cross Black River

Arbutus on its
steep + rock banks

Lots of yellow pin cherry
Aspen areas
secondary B - 12m

June 14

After supper -
Round Lake + Green
Lake, Seyracuse.

Hillside abandoned
pasture - edge of
woods coming up in
tulip + Tilia (spine)

Enter woods -

What appears to be
fine old forest is
120 yr old 2nd growth
tulip - tall straight
& large, with a herb.
layer of ferns
& - - -

Hydrophyllum, Trillium,
Golden fern, Asp. spines

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Arsacema etc.

Other slope of creek -
old growth forest (does
not look any larger)
of Tilia, beech, maple,
elm.

Cont. layer of Dampiera
which obscures the
other plants, as Trillium.

Suppressed trees which
have later shot up to
canopy can be told
by slight crooks, by
char. of branching, etc.
If now more open
by "water sprouts" from
trunk below the large
branches which should
be the lowest.

The steep slopes of
Green Lake are
old growth forest but
little modified by
removal of dead or
dying trees.

Contains sp. birch,
s. maple, hemlock,
beech.

Near lake shore -
arbovitae

Lily Dale

hemlock	37	20.9	18	21.2
beech	30	16.9	10	11.8
cherry	22	12.4	7	8.2
red maple	20	11.3	4	4.7
s. maple	15	8.5	31	36.5
white pine	15	8.5		
cucumber	10	5.7	2	2.3
red oak	10	5.7	1	1.2
white oak	8	4.5	5	5.9
y. birch	5	2.8	4	4.7
Tilia	3	1.7	1	1.2
Carya ovata	2	1.1	2	2.3
	177	100.0	85	100.0

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4 mi. N of
Warrensburg on
Lake George
(Foster)
Pack Forest (2100 acres)

Huntington tract
(Hence)

Longlake + east toward
Newman
1st house after in woods
is All. Exp Sta.
opp. is rd to Hunt.
+ crossbridge, then
take right rd (not
Main Gate)

At Wauskewan;
see

"The Plains" - a
frost pocket

Esken pond -
never burned
virgin woods?

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West of Algoma
Goulais River
watershed

pure S.M. on the
north slopes.

otherwise conifer

McCarthy has report
with tables

Sprms -

Spergularia, 6-14-46
Salt spring pond,
border of Lake Onondaga,
Syracuse N. Y.

Viola palmata?
west of Baldwinsburg
6-14-46