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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.

PERFECTION

Note Book

R-808

33

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

33 CINCINNATI 30, OHIO

Adirondacks -
1946-2

June 16. Virgin forest, N.E.
of corner of Ranger School
property

June 17. Trail east from
Ranger School

June 18. Drive - Van. to
Lake Placid + return

June 19. En Route, Wausau
to Blue Mt Lake
+ Climb Blue Mt

June 20. En Route
Blue Mt. Lake - Indian Lake
- North River - Northville
- Lake George - Tienderoga

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June 16

Old growth timber
reached from N.E.
corner of Ranger School
Tract I

beech - IIIIIIIIIII
spruce - III
red birch - I
s maple - IIIII
maple

leaf litter
Soil - fine humus,
dark soil layer,
brown layer
red-brown sand
Appears to be Humburger's
no. 10

Acer penn ^{spec} Full crest
 Trt aln Asp spec
 O. alis mat

S. maple - ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 (60) (23)

Beech - ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 ||||| (34) ||||| (27)

Y birch - ~~||||~~ |||| (8) |||| (3)

red spruce - ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~ ~~||||~~
 (10) (10)

bl birch

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Scanty ground cover

Acer penn Trt. erect
 " spec asp spec

O. alis mat
 Lye luc
 Strept
 Smilacina

Small woods

S. maple
 beech
 spruce

Erythronium
 br. ar. ov.
 Arisaema
 Mitchellia
 Maianth.
 Lonicera
 Tearella
 Medeola

Tr. umb.
 "

The above is a slope
gentle but hummocky
The forest varies slightly
from more maple to
more beech

Locally, many esp. spruce

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June 17 - ~~(should be~~
~~up ahead~~
Near Ranger School

Transition type; ①

(47)		(49)
y. birch		
red maple		
(14)		(3)
hemlock		
(5)		(14)
spruce		
(44)		(17)
beech		(7)
(3)		(7)
fir		1

(June 16)

going down slope (N)
Type changes - (2)

hemlock - IIIII	IIIIII
IIII III	(20)
red spruce - IIIII	IIII
IIII - II	(17)
beech - III	(5) IIIII

yellow birch - IIIII	(12) IIIII
----------------------	------------

red maple - III	(4) I
-----------------	-------

smooth maple - I	(1)
------------------	-----

Acer penn	I
-----------	---

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brt aln	<u>Oxalis</u>
Acer spic	Rye luc
Lonicera can	Clint. umb
Acer penn	Arabis nud
	Tessella
	<u>Asp spen</u>
	Tull crest, und.
slab bark	Asteraceae
Coptes	Osor. cem
	Sheep
	Medeola
	Cornus can
	Maianch
	Truentalis
	Osor clay

Very fibrous humus
in contact. bet boulders
Whole surface very
hummocky

A transition down slope
from the hummocky top
Lots of boulders,
Contains small birch
Acer pen, hornbeam
" rubus
Has more of a herb
layer

Seems to be Heim's #9

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Large areas of little
y birch

Then on down into
young stand &
on into B-M+,
where sal deep eye

down into a flat (3)
w. () () ()
Sphagnum & rocks
& logs &

Cornucan Oxalis

Clint. box Chloenes

Trenthals Coptis

pal ten

Sphagnum
 Bazzania on trunk
 Dicranum + 47
 (3)

spruce		14
y. birch		6
fir	- 1	1
red maple		2
hemlock	- 1	1

Lots of smaller fern

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+ cont from previous
 Cypr. acule

Medeola
 Asp. sp.
 Rubus sp.

big leaf moss in
 wet spots

Phegop. polyf
 Rubus umbr
 Lonicera can

Ground cover to
 lux. in aspect

June 17

Trail from Ranger School

"Spruce flat" = my

transition type

	large	2nd
y. birch	47	49
spruce	44	17
red maple	14	3
hemlock	5	14
beech	3	7
fir		1

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Transition type

y birch - spruce

Undergr. Luzurnia

Vib. cinnam.

Asp. spum.

Acer spic.

Oxalis

beech (small)

Maianth.

y birch (")

Trentalis

spruce (")

Phegopt. poly.

Pteris sp. (")

Aralia nudic.

Lonicera can.

Cyprip. acaule

Coptis

Clintonia bor.

Umb. sessil.

Trollius and

Cornus can.

Polyp. var. m. r. s.

Halimolobos

Streptopus

Trillium

Asteraceum

Sax. luc.

Medeola

Essentially cont.
ground cover, &
a shant layer mostly
of hb aln. which
is patchy

A beautiful forest type.
Boulders make hummocks
& are moss covered, in.

Dralexis macrantha
Hales upon mossy tree bases

An all age stand.

The most beautiful
type (as to interior)

A wealth of ferns, esp
in lower spots

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Intervening wet spots
with *Carex* spp
Oxycoccus

Desmodium Linn
Mnium (big leaf) *Carex*
boulders; *Sphagnum*

~~*Rubus* *argutus*~~

Phegopteris *puberula*
Asplenium *platyneuron*

Aspl. *ff*
Impatiens

Undergrowth cont -

Smilacina

~~*Trollius* *europaeus*~~

A higher spot,
 has ~~of~~ by s. maple
 red maple, y. birch
 lots of little s. maple,
 & beech
 & here, full, reaching
 down. Clays with
 the bit, Asp, Oxalis,
 Trifolium etc Brachyell
 Polygon. trif
 Aster maris
 Corylus rostr
 Phegopt dryopter
 Cirsium alt
 Spruce absent etc. in
 under

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s maple				
		(27)		
y birch		(6)		
spruce	-	(3)		
beech		2		
red maple	-	2		
hemlock				
Osage				
fir				

2 ndary area at
beginning of trail
to Old growth at
Ranger Sta -

y Birch - at least some spruce
red maple spruce
cherry
spruce

occ. old y birch, hemlock

Leaf herb. & shrubs
Loblolly Oak
Linn. can. Clintonia
Aur. spic. Mastic

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Trout
Aq. sp
Coptis
Cirsium

Steep

Equisetum (6-16 spms) in
wet spots

Essentially same
ground veg as spruce-
birch.

(as Heim suggests)

Just beyond branch
 trap

s. maple		67	
beech		28	
Spruce		9	
hemlock		1	
y beech		5	

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A local area

Has much higher % spruce

- vit. aln.
- Asp. sp.
- Panicum
- Cladonia
- Lyc. luc.
- Alalia
- Medeola
- D. beeches & sq corn
- Actaea alba
- Dialis
- Tullungress
- Guirella
- Osmorhiza - gl. stems, short styles

Almost a mud
Black friable humus
bl.-brown pitted
to dark brown

Rich soil

Many shrub & shrub-
layer trees

Herb. layer not
cont. except perhaps
pre-vern. et
cont. -

Acer fam

Arsacna

) spec

Struph

Rubus umbr

Asp x h

Aspl acros

Viola rot

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June 18

Bet. Wan. & Crant. Lake

Swamp forest & on to Super Lake

spruce - black

fir

larch

[Shigo]

Shrub layer

Rodum

Chamaedaphne

Pyrus melan

Ilex fam

Rubus

Vac-lor

Viburnum Quercus

Sphagnum mats
with Cranberry +
Chrysoidea

Erucifera
a leafy liverwort on Sphagnum
Coptis & Maianth

Pteris hummocks
Hypnum & other
Sarracenia

[+ on to Super Lake]
The swamp forest (very)
is a spruce forest.

Other areas are young
spruce, or mixture of

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spruce and Larix, or

locally may contain
Thuja.

In a few places, Larix

is very large. Locally,

Thuja is dominant.

Near water courses in

the swamp, sedges &

grasses prevail, + milks

are common. Elsewhere

the bog shrubs & mosses

are the char. vegetation.

Some spruce areas have

a semi-dry floor &

some Cornus

June 19.

Wanahema - Upper Lake -
Long Lake - Blue Mt Lake

Trail ascent of Blue Mt.

secondary -
old field aspen + birch
++

Then, somewhat older
secondary of
red maple
cherry y birch
ash (fir)
large white birch

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+ understory v

s. maple,	vicynly y birch
spruce	red maple
Acer penn + spec	cherry
fir, Sorbus	
Vitaceae	Cornaceae
Pteris	maranth
Rubus -	Asteraceae
5 pinnate	Urticaceae
	Aralia
	Asp sp
Lull and	Teucrium
Cornus	Shepherdia
Sambucus	Metastem
	Thalictrum

June 10

Occ. older trees of
beech, spruce & red maple

Phryoxiply
Trill ext
Cornus can

Lower down, red maple
more down, upward
more of birch, (oh. tree
& birch)
appears to be more fir & spruce

Changes to
spruce with
y. birch & fir

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Jallospro fern in
understory
& more air spec &
Sinthus
& Cornus can, maianth
& Clematis more down.
in ground

Spruce slope type
Shallow soil, granite
exposed
Spruce
fir
y. birch
oh birch

+ undergrowth -
spruce y birch
fir m birch
Alder spec
Samb. rac
Sorbus

+ Cornus can
Clint. br
Maianth
Alder
Asp spec

Sweet vernal grass

A secondary area

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of wh birch, spruce
& fir, rather open
with Duckworth
+ - spruce shepherds

Fir forest of slope
in shallow pool
fir
spruce
birch (gray?)

asp spec ^{overt spr} moss (Hglr)
Cornus can Maianth
Clint. br Araler

Higher where the few
trees are smaller
& their dead branches
remain on to base -
mossy under forest
floor, w. lots of
little ferns
Ooptes now common

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June 20 - En Route
Blue Mt Lake - North Pine
- to Wearnton (get 8)

Mostly secondary,
more white pine
towards Hudson
Cherry & ash in 2nd
growth
Occ. red oak about
Wearnton
Turn onto 8
more ash + occ. red oak
Much secondary
white pine, generally
on sand.
great increase in blue

June 20 -

On N.Y. 8, S. of Baker's Mills
& before divided

Beech			
S. maple			
Birch		1	
elm			
red maple	1		
fir			1
Under		34	
s. maple		Acer spic	
buck		Acer spic	
Filia - 1		Cherry	

Black ash along wet place

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Cornus alt.
vib. aln.

Little s. maple Taxus
 Decid. Querc. Lonicera
 Asp. spec Ribes
 Asp. across Aster macr
 Phegop dry Clintonia
 Arisaema ^{prolyp} Rubus am
 Dentaria di Corylus rot
 Thimble Rujuluc
 Trillium red Macaroth
 Aspid. nud. Aster am
 Striptopus verstrum
 Anemone Osmorhiza
 Actaea alba Impatiens
 Mithella Onoclea
 Oxalis Ostrubifera

Ryda
Brachygel
Tremula
Laportea

Crossing divide
& coming down
~~up the divide~~
on S (Sacandoga R)

Route 30
River slope -
red oak
sugar W

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Red Maple

slope

Talia

humbuck

wh. pine

wh. ash

cherry

yellow birch

butternut
or
malnut
beech

Secondary Conifers

wh. pine

fir

spruce

humbuck

Secondary white
pine & red oak
~~now~~ on steep rock
slope with other
species.
a white pine flat

General secondary
slopes
s. maple } red maple
red oak } y. birch
oiled }
white pine }
butternut }
cherry }
ash }

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Secondary white pine
in all situations
lots of young trees
secondary & older
res. white pine etc.

Sarandoga Rosemary
(along east side)

Sandy slopes -
old field birch in
bunches.

Stand of 2nd day white pine
Remnants of N. Redwood
incl red oak.

Hickory

chestnut just below
dam.

white oak
red oak

Tilia

Ash

red maple

s. maple

beech

butternut

hickory

wh. pine

(mountains above
the river run up
to Spruce Lake)

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a glacial gravel
flat bet. Hadley
Hd. George - mostly
oak, (Quadrant)

an old white oak
wh. pine grove at
S. Geo. + hickory
+ red oak (the last in
the camp site)

a few wh. pine -
wh. oak - red oak
(Marathon Camp site)
plus some s. maple
hickory (very old
recondary)

Ascending Tongue Mt
beech - birch - y. maple
red oak - tilia - ash

Summit of Tongue Mt
is sandy, & contains
some ^{red} oak & hick. w.
red maple, ash,
bitternut, y. birch
wh. birch, beech,
& maple

Cornus circinata
Dum. & Hammett
Corylus rostr., *Rubus* purple
Adiantum *Saxifraga*

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Polyst. *Arctostaphylos*
Inter, *Osor.* " *rac*
Ladyfern *Aster* *ma*
y. violet *Juncus*
& v. root

Asplenium
Asp. spec.
red asp.

Descend to ft of
mt., shores of Lake
George.

Bloomer Mt rises
on our left, almost
a precipice.

Tilia among
rocks at foot (SW side)

Sweet trees in bloom
& lots of them

North along RR
Beech ^{big} & beech

Maple

red oak white oak

elm

Ash

white pine

walnut?

chestnut oak

butternut

y. birch

It was not cold at
Tenderoga when it

froze at Vanakena)

Also, it was dry
& they said some rain
would do no harm)

Back Cover

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Princ. Topog. situations -

- (1) Swamps & bogs - wet lands bordering streams & lakes; or part. filled depr.
- (2) moist lower slopes & level to rolling flats in valleys & around lakes & swamps
- (3) gentle slopes & terraces or benches above flats (better drained & deeper)
- (4) steep slopes w. thin & stony soil

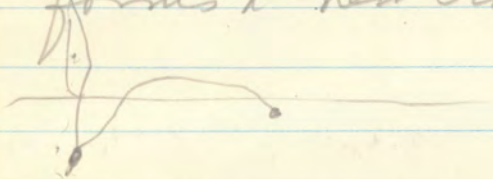
Major forest types -

- (1) Swamp forest
- (2) Spruce flats or mixed woods
- (3) Hardwood forest
- (4) Spruce slope or upper slope forest

Sprms. 6-16

Ledum } by vir
Equisetum } Eske

Erythronium sends up
white stems w. a bud
on the end which
forms a new bulb



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Caroga Lake
a virgin hdw. forest
(S., on Glensville)

From Adirondack
Indian Pass

Corey - e of Tupper
that rd to right
goes three good miles
Rt. 10, n. - Talsenby Clem
pond - - virgin
hardwood

Rd to Ticonderoga -
at Chilson - turn
south thru good stuff

X Injunc mt - w state
trail runs south
in here from state rd,
(n. of Lake George)

Catskills (Prof. G. Chadwick)

Catskill, ~~at~~ 23 W to
Cairo, 's w at traffic
light to Winter Cove
(+ walk in) at Roundtop

N. Y. (cont. beyond "P.

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1/2 mi. to Winter Cove.

Winter Cove Hotel
back to Cairo, 23, to 30
& S on 30

at Roxbury (or before)
rd to John Burroughs Lane
Then (on 30) to Sharertown
turn S on dirt rd
to Bear Beach on
Bear Kill

The Kinch Farm,
sh. Bear Kill, N.Y.
(on the dirt rd fork
just S of B.K.)

(Shorey)

Rowey Lake house
s. of Indian Lake
about 1/2 mi. beyond
camp site