



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.

JUNE, 1948

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37

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

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E. i

June 15.
en route, Phila - New
Brunswick (notes taken)

June 16 - Mettler's woods,
N. Brunswick

June 17 - Holly forest,
Sandy Hook

Pine Barrens + Bog,
at Silverton

Island Beach

June 18. Pine Barrens,
"Plains"
Martha Bog (over)

June 19-20. - Md. Piedmont
Westminster, etc

June 23, 25. Rock Creek
Park, Wash., D.C.
Potomac Falls.

The G. P. Bush
in front of Mt. Vernon

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Metter's Woods

Wh. oak June 15

bl.

Carya

but under, is diff

or, red maple
a maple occ. red oak

ash

dogwood
cherries

Mynopple
Arisaema atro-

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276 ft. elc. June 16
at Albentee Highland
wh is c. p. held by
Vern Hard-pan.

Slopes are -

Ch. val

wh val

+ was chestnut

Ericaceous layer

of vac. Kalmia

azalea mud. Gay

Maresink
H

Sandy Hook

Holly forest

crowdens into
Juniper very (common)
which is nearer ^{cons}

Holly dominant

occ. red maple

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Holly of various
sizes

vac. corymb. (so. of here)

Thospyros, vac

Amelanchier sp oblongif

Under -

Smilacina peltata

in patches
Smilax rot

Mitchella

Appears to be a
dune climax following
amph → shrub →
Juniperus → holly

Interpreted as
a ^{salt} spray climax.

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Blmouts -

or. Hudsonia tom

Heliopsis

Artemisia - cut

to wet - salt marsh
depression

Pine Barren
at Silverton Bay

Pine → dead border
→ down to Cham. bog



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The tall shrub
Chamae. area

Chamae.

red maple

Shrubs -

Nyssa Alder

Vac.

Magn. glauca

Ceph.

Shrubs, cont

Azalea - ^{nudi} 2 - var

Clethra alnif

Ilex vert.

Lyonia lig

Pyrus arbut

Ilex glabra

Kalmia ang. along

by stream

Pine barren -

^{almost}
P. rigida, the only tree
and P. ~~res~~ ^{res} each
in open stands

Some small, i. e. all
size classes

Under pines -

Qu. ilicifolia D. stellata

C. maritima Kalmia latifolia

P. pensilvanica

Bayberry

Gaylussacia

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mat of Arctostaphylos

Gaultheria

Onoclea

Helianthemum

Arenaria carolinensis

Hudsonia tomentosa

much more open

habit than H. tomentosa

Baptisia tinctoria

Cypr. aculeata

Euphorbia ^{anhu} speciosa

Bracken

Slope (decided) bet
pine flat & water
More shrubs - dense
Almost closed, aft 3/4
Gayl fronds
Rabmas ang + lat
Vacc. corym
Clethra aln
Azalea (gr under) nr
water

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Boz. occupies estuary
Chamaecyparis
all sizes
Chamaedaphne
Rabmas ang
Drosera rot in sph
" intern
Sarracena
Crant - macrocarpa
Asplenaria (litt)
Osmeunda cern

occ. oaks -
falcata
montana
hybrids
Phellus

Carex
Kobomugi -
on dunes
(intr.)

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June 15

Out on highway in
Island Hts -
wh. oak + woods

Xerophyllum in
burned Pine B

Shrubs - P.B.
(Pursh)
Lyonia marcani
Gayl. dumosa Gay
wh. flowers
Kalmia ang
var. etc etc

near a little town
or a cemetery, more
oak. eph. - fire entangled
with + oaks get ahead ^{for}

Azalea viscosa
prom. at bog borders

patch of Bet. popul.
(near) Browns Mill
(beyond)

Come out of Barrens

more & good oak woods
Pinus virgin. appears.
This is an indic. that
we are out of barrens
& here cult. low
vine. This is Crab. belt.
~~(turn sharp left & soon
go back into Barrens)~~
Then in Low Leabon.
Then back into TPB

Some areas beyond
Lab. P. are gone to

ask since man can
in

"Plains"

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Martha's Boy

Lophola

Eriocaulm

Narthecium

Calopogon pedic

~~Arctostaphylos~~

Pogonios ophi

Elvoseria fol

Sarcocolla

June 20

Westminster, Md
(and Sat. A.M.)

Woods at end of
Ridge Rd.

Oak, mostly Q. montana
wh. oak
or some red oak
& Tulip, all of
wh. are in lower
layers

A few small beech,
One oak stump

showed a time of
release, but many
late rings were too
indistinct to count
Perhaps about 1860.

Most of these ^{red} ^{Pelmy}
oak woods have
not had time to develop
to part beech - if
there is that tendency.

All the oak (or oak-
tulip) woods are
secondary, even
though fairly old.
There are groves of
very old wh. oak.
The similarity in
comp. of the diff.
age stands denotes
that all ~~are~~

repr. & same
succ. stage, the
greater amt of tulip
in some young stands
may be due to replace-
ment of chestnut. In fact,
the tulip in all
stands may in
part replace dead

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Chestnut, & if so,
its % may be expected
to decrease if succ.
not interfered with.
The greater number
of fair size beech in
ravine wood may
be due to
(1) less utility.
(2) more rapid succ.

That beech appears
in many stands (as
at end of Ridge Rd.
(on slope, but far above
runoff) suggests
potential succ. advance

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Washington, D.C.

Rock Creek Park

The porous and
comparative slope
contain large proportion
of beech.

One area (just S of
aft Bridge) where trees
especially large &
forest meadow

undisturbed (such
places were in old
estate + were cleared)

white oak 10

beech 9

red oak 1

tulip 1

(Tulip in some places
more abundant.)

In ^{undergrowth} above, all these

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Sp. were present
& also.

Carpinus

dogwood

redbud

cherry

Carya glabra

Vib. acerif

Hydrangea

papan

p. virgin

Psedera

Psilodir

Smilacina

Beech drops out
a short distance up
slopes. All higher
forest are usual
Pedmont oak types
with heaths - *vac.* ^{1/4}
Kalmia, *Azalea nudiflora*
Gaultheria, etc. -
Secondary Pinus

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Sligo Parkersy,
not far from Takoma
Pk, Md. - also w.
beech.

Beech is fairly
abund. in Fall Line,
but saw none
where streams were
crossed on the C.P.
side of Fall Line.
Instead - *D. Phellos*,

Bet. *nigra* & *nypa*
flats, & gentle
rises, but no
beech

June 25,
Wash. to Potomac
Falls.

Cross Pot. R. at
Chain Bridge in

Georgetown

Beech in pannes
on Va. side. (This
bridge at head of tide
but most of woods too
young for beech.)

General Piedmont
type - wh., red, black
post & blackjacks oak,
more white oak,
toward pannes, more

of last 3 in the
wider interstream
areas.

In such woods,
various herbs,
Hicksonia, *Cunila*
Chingrapin etc

Many secondary
scrub pine woods
which are being

replaced by
dogwood, *Sassa.*,
red maple, & tulip.
Often, very much
tulip.

June 15 - along
Pa. R. R.

Andalusia (3:46)
Cornwell 14th.

Young pin oak - per. gum
stands (or either one,
esp. gum)

Older stands w. some
wh. oak have much

the aspect of Till Plains
occ. *Q. phellos*
Beck oak is in the
older stands (n. of
Eddington + s. of

Croydon), suggesting
succ. sim. to our
"replants"

[see also, Mettler's
woods, near Bournemouth

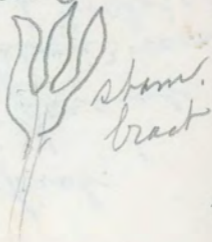
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Low stem, leafy, pubescent
rotundifolia - dist.
pubescent hairs 1/2 v 1/4
low stem, upright
How to grow
C. P. branch
in James C. Claff's
White bark
stiff pale pink
but veins of perianth
Red bark - lower down
very scurfy - fls pale
and in bud

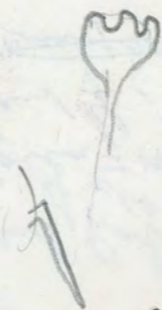
Low elder beech, Rob. =
rotundifolia = white
pub. & hair of, v ^{leaf}
broad, ~~curly~~
This is the
C. P. beech -

on James R. bluffs
wh. bark
stiff pale pub.,
bet. veins, & persist
Red beech. - above 3000 on
curly scarp ^{2.} slope
pub. wh. is dead

Coastal White



2 Red beach of mts.



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3. Gray beach of
n. v. of beach gaps
of Smokies

Interior -

1 & 2 combined

Faint, illegible handwriting in blue ink at the top of the page.

Faint, illegible handwriting in blue ink in the middle of the page.

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Dr Johnson
Hist. of Ohio veg