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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.

Lynn Fork -
excellent M. M.

20 spp. - 1025 Trees

beech -	26 %	} 79. %
tulip	18	
hemlock	10	
wh. oak	10	
s. maple	8	
chestnut	6	

red maple	magn. fraseri
birch	brakeeye
basswood	ch. oak
nyssa	ash
red oak	butternut
hickory	
cucumber	
walnut	

Lynn Fork

little real separation into
definite segregates, but varia-
tion in dominance of beech,
tulip, white oak, ^{hemlock} ~~and~~ p. maple,
and chestnut, so that

mixed

beech-p. maple-wh. oak

beech-hemlock

beech-wh. oak

beech-tulip

tulip-p. maple

tulip-chestnut

Linnwood, Pocahontas Co. W $\frac{1}{2}$
15 spp., 626 trees
higher elev. & northward

beech	23	} 40
s. maple	17	
red maple	12+	
bl. birch	12-	
basewood		
ash		
cucumber		
red oak		
chestnut		
y. birch		

Geo. Wash. Nat'l Forest,
Va.

white oak	- 53%	} 84
tulip	— 19	
bl. oak	- 12	

ch. oak

hickory

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nyssa

red oak

chestnut

Carya alba

" ovata

(10 sp)

181 trees

White Oak Canyon

Shen. Nat'l Park

17 spp. - 620 trees

Increase in imp. of oak:

red oak	— 15 %	} 6 sp, 75 %
s. maple	— 14.5	
hemlock	— 13.	
ch. oak	12	
chestnut	10	
Tilia	8.5	

* 25 % made up of 11 sp:

wh. oak	
birch	bitternut
tulip	nyssa
hickory	walnut
red maple	
ash	
red elm	
locust	

Oaks + Chestnut
= 45 %

Ramsey Fork, ①
 Great Smokies,
 incl. lower southerly on north
 side of Ont. range:

20 spp - 619 trees:

hemlock	14	}	9 spp. 80 % 76.5 %
basswood	13		
hackberry	10		
s. maple	9-		
cherry	8		
chestnut	8-	}	
red maple	7		
nuttip	6		
silver bell	5+		
y. birch	5+		

y. birch	ch. oak	Oxyd louest
beech	sour gum	
bl. birch	red oak	
ash	mt. magn	
	cucumber	

Ramsey Fork, ⁽²⁾ Gr. Smokies,
excluding lower portion -

basswood	18	} 4 spp. 80%
hickory	13	
hemlock	12	
s. maple	11.5	
cherry	11	
silver bell	7	
y. birch	7	

4. 8 additional spp.:-
red maple
beech

tulip
ash
bl. birch } nearly 20%

mt magn
cucumber } 1.5%
red oak

Ramsey Fork (3) Gr. Smokes,
the lower southerly slopes,
essentially O-Ch: -

in which	}	5 sp., comprise 83 %
chestnut		
hemlock		
red maple		
tulip		
ch. oak		

& from which

s. maple	}	are absent
basswood		
hackberry		
silver bell		

Mammoth Cave

average situations, slopes.

160 trees, 20 spp.

tulip	24	}	68%
wh. oak	19		
beech	15		
s. maple	10	}	90%
ash			
red oak	12		
hackberries (34)	10		

7 sp.

Clifty Creek, Todd Co. Ky.
Composite -- 373 trees
20 spp

beech	-	54	-	70	65
tulip		11			
s. maple		7.5			
butternut					
sw. gum					
birch					
sycamore					
red oak					
wh. elm					
ch. oak					
hickory					
red maple					
nyssa					
ash					
wh. oak					

In Arkansas -

Ponca -

beech
cucumber
s. maple
basswood
red oak
hickory
elm
sour gum

wh. ash
walnut
ch. oak (muhl)
wh. oak
Ky. coffee
sr. gum
winged elm
15 spp.

with understory -

s. maple
dogwood
redbud
wh. oak
basswood
hickory
ch oak

nyssa
Magn. trip.

In Arkansas -

Case - rare flowing west
beech — 63%

red oak

wh. oak

sw. gum

nyssa

Ulmus alata

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wh. elm

Lilia

Turkey Run, Ind.

Comp. of mem. comm.

24 spp
502 trees

beech -	23%	} 54
s. maple -	18%	
tulip	13%	

wh. oak	5+	} 30
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buckeye	5	} 8 spp -
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walnut	4.4
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ash	} 16.	} 30
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wh. elm

red oak

hickory

basewood

Washington Creek, near
Wilmington, N.C. (164)

beech —	37 %
Carya alba —	16
wh. oak	14
s. maple (flor.)	9
tulip ———	6
sw. gum	5
bl. oak	4
Carya pallida	3
Ilex opaca	2
walnut	1
wh. ash	1
Sp. oak	1 —
water oak	1 —

Big Basin, in Allegany
State Park, w. N. Y. -
true beech - maple; -
6 spp., 97% B & M.