

Volume 61

No. 9

September, 1955

American FORESTS

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Published by The American Forestry Association, 919 17th Street, N.W., Washington, D.C.

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COVER • Left: California's General Sherman Sequoia, the largest tree in the United States. Right: Louisiana's Champion Live Oak.

THE AFA

The American Forestry Association, publishers of AMERICAN FORESTS, is a national organization—-independent and non-political in character—for the advancement of intelligent management and use of forests and related resources of soil, water, wildlife and outdoor recreation. Its purpose is to create an enlightened public appreciation of these resources and their part in the social and economic life of the nation. Created in 1875, it is the oldest national forest conservation organization in America.

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Dunkirk 7-5391

3217 Montrose Blvd.
Houston 6, Texas
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AMERICAN FORESTS is published monthly by The American Forestry Association at 919 Seventeenth Street, N. W., Washington 6, D. C. Subscription price \$6 a year. Editors are not responsible for loss or injury of manuscripts and photographs while in their possession or in transit. The Editors are not responsible for views expressed in signed articles. Entered as second-class matter at the Post-office at Washington, D. C., under the Act of March 3, 1879. Acceptable for mailing at special rate of postage provided in Section 1103, Act of October 3, 1917, authorized July 10, 1918. Additional entry at Baltimore, Md., December 29, 1931. Copyright, 1955, by The American Forestry Association.

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America has the biggest trees in the world, AFA's Big Tree Contest reveals. Giant among the giants is this big Sequoia in General Grant Park, California

THESE ARE THE CHAMPS

FORTY-ONE states and the District of Columbia have one or more species champions of the 318 that have been crowned as the result of the 1955 revised report on Big Tree champions, the fourth revision since The American Forestry Association inaugurated the contest in 1940 to halt the tragic disappearance of America's most magnificent tree specimens.

California and Maryland tie for first place with 41 champions each. Oregon is next with 27 followed closely by Illinois with 24. Next in line is Missouri with 22, Tennessee with 19, Indiana with 15, and Pennsylvania with 13; and the State of Washington with 12. Others with five or more species champions are Ohio, nine; Arkansas, North and South Carolina, with seven each; Florida, Mississippi and Wisconsin, with six each; and New Jersey with five. Thus 17 states have five or more national champions.

California's Giant Sequoia (General Sherman) still holds its title of Champion of Champions. This is the biggest tree in the United States with a circumference of 101 and a half feet around (diameter breast

high). To California also goes the championship for the second biggest tree in the nation with its lofty 300-foot high redwood. As a matter of fact, California this year walked off with 13 of the top spots for the 25 largest trees in the country. In addition to its Giant Sequoia and redwood, California's champs in the first 25 are: Sierra Juniper, No. 8; Canyon Live Oak, No. 11; Bristlecone pine, No. 13; White Fir, No. 14; California Planetree (Sycamore) No. 18; Bigcone Douglasfir, No. 19; Red Fir, No. 20; Pacific Hemlock, No. 22; California White Oak, No. 23; and Moreton Bay Fig. No. 25.

The state of Washington grabbed off the Number 3, 4 and 5 spots respectively in the first 25 for its Giant Arborvitae, Common Douglasfir and Sitka Spruce champions—the biggest in their classes. Washington's Noble Fir champion also ranks as the 9th largest tree in the country.

Tennessee claims seventh place in the first 25 for its champion Baldcypress and No. 15 for its American Elm. Louisiana is 10th with its live oak. Oregon comes in at 12th place in the first 25 with its Lawson Falsecypress and again at 16th for its ponderosa pine. Idaho is 17th with its western white pine. The other two

◀ **Champ of champs. California's General Sherman Sequoia—biggest tree in USA**

biggest trees in this largest 25 are in Maryland. Her big white oak ranks No. 21 and her southern red oak No. 24.

California's General Sherman Sequoia and her 300-foot high redwood rank as the largest trees in circumference and the tallest respectively. Louisiana gets credit for the tree with the greatest average diameter of spread. Her live oak, the largest hardwood on the list, has a crown spread of 168 feet. Smallest champion in the list of 318—but still a champion—is Indiana's American elder.

Launched in 1940 to halt the disappearance of more and more champions, the AFA program has served to focus attention on the benefits of conserving these cherished landmarks. The search for big trees is more than just a contest although participants from every state in the

union have made it a lively affair. While the search is in a sense competitive it is also cooperative and by that fact becomes more of a nationwide project than a localized vying for honors. Nor is this search a mere temporary gesture because the efforts behind it are continuous and the benefits received may well run into the centuries to come.

The Big Tree campaign is not to be confused with the Association's Hall of Fame project which was inaugurated in 1920 after widespread planting of memorial trees had made people more tree conscious. In nominating a candidate for the Hall of Fame, size has no particular significance. Only those trees authentically connected with history such as "The Charter Oak" at Hartford, Connecticut, and the "Treaty Oak" at Washington, D. C., are given recognition.

In the Big Tree contest, on the other hand, size alone is the determining factor. Determination of size is based on three key points, the AFA formula states. These are circumference (diameter breast high), height and crown spread of a contender. And since failure to follow the basic rules may have cost 10 or more entries a championship in the latest competition, it is suggested that future applicants make sure that they report ALL THREE dimensions called for. For example, Maryland's famous Wye Oak was seriously challenged by a western oak in the latest contest and failure of the contender to provide his tree's crown spread may have cost him a championship. (For more details on how to determine the circumference, height and crown spread of a tree write for AFA's "How to Measure a Tree.")

Report on American Big Trees

In September 1940, The American Forestry Association launched a campaign to locate the largest living specimens of American trees. After 15 years of diligent search by cooperating individuals, the following list of "champions" are on record as of June 1, 1955. Common and botanical names listed conform to "Standardized Plant Names" (2nd Edition—1942) issued by the American Joint Committee on Horticultural Nomenclature. Identification and measurements are by nominators. The challenge is to locate trees larger than those listed, if they exist, and also giants of species not listed. Send all reports to The American Forestry Association, 919 Seventeenth Street, N. W., Washington 6, D. C.

Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
AILANTHUS				
*Tree of Heaven, <i>Ailanthus altissima</i>	14'8"	98'	88'	Property of L. O. Hodges, Davidsonville, Maryland. F. W. Besley, Laurel.
ALDER				
Hazel, <i>Alnus rugosa</i>	1'1"	27'	20'	Hot Springs National Park, Arkansas. Kendall Laughlin, Chicago, Illinois.
Red, or Oregon, <i>Alnus rubra</i>	8'10"	98'	35'	Olympic National Park, Washington. Robert L. Wood, Poulsbo.
Seaside, <i>Alnus maritima</i>	3'5½"	78'	50'	Rock Creek Park, Washington, D. C. Ernest H. Van Fossan, Washington, D. C.
Sierra, or White, <i>Alnus rhombifolia</i>	11'3"	93'	45'	Angeles National Forest, California. Will H. Thrall, Alhambra and Clark Vernon, Downey.
Sitka, <i>Alnus sinuata</i>	1'2"	—	—	Saddle Mountain State Park, Clatsop County Oregon. Oliver V. Matthews, Salem.
Speckled, <i>Alnus incana</i>	1'7"	31'	14'	Dunes State Park, Indiana. Kendall Laughlin, Chicago, Illinois.
ARBORVITAE				
Eastern, or Northern White-Cedar <i>Thuja occidentalis</i>	15'6"	125'	50'	Natural Bridge, Virginia. F. C. Pederson (Deceased).
Giant, or Western Redcedar, <i>Thuja plicata</i>	66'1"	130'	55'	Olympic National Park, Washington. Floyd L. Dickinson, Port Angeles.
ASH				
Black, <i>Fraxinus nigra</i>	8'8"	79'	39'	Chippewa County Forest, Wisconsin. M. E. Reinke, Chippewa Falls.



Largest white oak in nation is Maryland's famous Wye Oak at Wye Mills with a circumference of over 27 feet



Champion American Beech at Morrisville, Pennsylvania, was nominated by Dr. Paul M. Fluck (above) from New Jersey

Blue, <i>Fraxinus quadrangulata</i>	10'3"	116'	62'	Funk's Grove, Illinois. Kendall Laughlin, Chicago, Illinois.
Flowering—(see Fringetree)				
Green, <i>Fraxinus pennsylvanica lanceolata</i>	13'10"	106'	79'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
Mountain—(see Mountainash)				
Oregon, <i>Fraxinus oregona</i>	18'	---	---	Near Burlington, Oregon. T. J. Starker, Corvallis.
Prickly—(see Pricklyash)				
Pumpkin, <i>Fraxinus tomentosa</i>	11'	70'	35'	Big Oak Tree State Park, Missouri. Jeffrey R. Short, Jr., Chicago, Illinois.
Red, <i>Fraxinus pennsylvanica</i>	11'	44'	45'	Near Easton, Maryland. F. W. Besley, Laurel.
Velvet, <i>Fraxinus velutina</i>	5'4"	44'	46'	Twin Falls, Idaho. Harold C. Hallock, Twin Falls.
White, <i>Fraxinus americana</i>	22'3"	80'	82'	Glenn Mills, Pennsylvania. S. Glidden Baldwin, Danville, Illinois.
ASPEN				
Bigtooth, <i>Populus grandidentata</i>	7'3 1/2"	69'	38'	Gratiot County, Michigan. Allen H. Boelter, Saginaw.
Quaking, <i>Populus tremuloides</i>	9'10"	76'	---	Cedar Mountain, Utah. James D. Curtis, Idaho City, Idaho.
BALDCYPRESS				
*Common, <i>Taxodium distichum</i>	39'8"	122'6"	47'	Middle Fork of Obion River in Weakley County, Tennessee. James M. Thomas, Hazel, Kentucky.
BASSWOOD—(see Linden)				
BEECH				
American, <i>Fagus grandifolia</i>	15'2"	108'	106'	Cumberstone, Maryland. F. W. Besley, Laurel.
Carolina, <i>Fagus grandifolia caroliniana</i>	12'10"	126'	---	West Feliciana Parish, Louisiana. Lazella Schwarten, Jamaica Plain, Massachusetts.
BIRCH				
Gray, <i>Betula populifolia</i>	7'3"	60'	51'	Near Clarksville, Maryland. F. W. Besley, Laurel.

Paper, <i>Betula papyrifera</i>	4'7"	---	---	Lawrenceville, New Jersey. C. W. Schisler, Trenton.
River, <i>Betula nigra</i>	12'4"	98'	72'	Near Odenton, Maryland. F. W. Besley, Laurel.
Sweet, <i>Betula lenta</i>	10'10"	60'	60'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.
Water, <i>Betula fontinalis</i>	1'10"	---	---	Wasco County, Oregon. Oliver V. Matthews, Salem.
Yellow, <i>Betula lutea</i>	14'1"	90'	64'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.

BLACKGUM—(see Tupelo)

BOXELDER *Acer negundo*

15'5"	73'4"	40'	Near Spring Brook State Park, Ohio. O. E. Files, Toledo.
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BUCKEYE

California, *Aesculus californica*

Ohio, *Aesculus glabra*

Sargent Ohio, *Aesculus glabra sargenti*

*Yellow, *Aesculus octandra*

12'9"	35'	40'	Shafter Ranch, Olema, California. R. H. Menzies, San Francisco.
8'1"	90'	60'	Cascade Park, Elyria, Ohio. O. E. Files, Toledo.
4'4"	48'	32'	Elms Hotel, Excelsior Springs, Missouri.
15'11"	85'	54'	Kendall Laughlin, Chicago, Illinois.
			Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.

BUCKTHORN

Carolina, *Rhamnus caroliniana*

*Cascara, *Rhamnus purshiana*

Common, *Rhamnus cathartica*

9"	---	---	Gatlinburg, Tennessee. S. Glidden Baldwin, Danville, Illinois.
9'5"	60'	---	Near Rockport, Washington. T. J. Starker, Corvallis, Oregon.
4'6"	32'	34'	State College, Pennsylvania. H. H. Arnold, State College.



Maryland's champion black cherry spreads 77 feet. It was nominated by F. W. Besley

Glossy, *Rhamnus frangula*



Tennessee claims the nation's biggest American elm at Trigenia, Blount County



Champion Bristlecone pine is located in California's Inyo National Forest

BUFFALOBERRY

*Silver, *Shepherdia argentea*

10"	22'	17'	Chechupinqua Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
2'7"	18'	18'	Mahheur County, Oregon. Oliver V. Matthews, Salem.

BUMELIA

Buckthorn, *Bumelia lycioides*

Woolybucket, or Gum, *Bumelia lanuginosa*

3'5½"	40'	30'	Vulcan, Iron County, Missouri. George O. White, Jefferson City.
5'3"	55'	30'	Salyer Lake, near Binger, Oklahoma. Floyd Clay, Alfalfa.

BURNINGBUSH—(see Wahoo)

BUTTERNUT; WHITE WALNUT
Juglans cinerea

11'	75'	70'	St. Joseph County, Michigan. Louis Miller, Cassopolis.
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AMERICAN FORESTS

Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
BUTTONBUSH				
*Common, <i>Cephalanthus occidentalis</i>	1'11"	14'	16'	South of Lisle, Illinois. Kendall Laughlin, Chicago.
CALIFORNIALAUREL				
* <i>Umbellularia californica</i>	36'9"	---	---	Near Eleanor, Humboldt County, California. T. J. Starker, Corvallis, Oregon.
CATALPA				
*Northern, <i>Catalpa speciosa</i>	19'4"	45'	70'	Near Ellicott City, Maryland. F. W. Besley, Laurel.
CEDAR —(see Arborvitae, Incensecedar, Falsecypress, Redcedar)				
CHERRY				
Bitter, <i>Prunus emarginata</i>	5'5"	---	---	Near Crown Point, Oregon. Oliver V. Matthews, Salem.
Black, <i>Prunus serotina</i>	18'4"	64'	77'	Near Worton, Maryland. F. W. Besley, Laurel.
Choke—(see Chokecherry)				
Laurel—(see Laurelcherry)				
Pin, <i>Prunus pensylvanica</i>	4'7"	70'	20'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.
CHESTNUT				
American, <i>Castanea dentata</i>	7'10"	55'	47'	Caledonia, Trempealeau County, Wisconsin. W. E. Scott, Madison.
CHINABERRY				
* <i>Melia azedarach</i>	10'6"	51'	53'	Near Orangeburg, Orangeburg County, South Carolina. C. W. Hall, Columbia.
CHINKAPIN				
Evergreen—(see Evergreenchinkapin)				
Ozark, <i>Castanea ozarkensis</i>	10'4"	52'	75'	Near Fayetteville, Washington County, Arkansas. Harold A. Howell, Little Rock.
CHOCKECHERRY				
Common, <i>Prunus virginiana</i>	1'7"	44'	17'	White Pines State Park, Illinois. Kendall Laughlin, Chicago.
Western Common, <i>prunus virginiana demissa</i>	2'10"	---	---	Near Yamhill, Yamhill County, Oregon. Oliver V. Matthews, Salem.
COFFEETREE				
*Kentucky, <i>Gymnocladus dioicus</i>	12'6"	75'	75'	Near Madison, Ohio. Newton G. Armstrong, Cleveland.
COTTONWOOD —(see Poplar)				
CRABAPPLE				
Lanceleaf, <i>Malus lancifolia</i>	1'7"	24'	23'	Blue Valley Park, Kansas City, Missouri. Kendall Laughlin, Chicago, Illinois.
Oregon, or Western, <i>Malus fusca</i>	5'4"	---	---	On the Nehalem River, Clatsop County, Oregon. Oliver V. Matthews, Salem.
Prairie, <i>Malus ioensis</i>	4'3"	27'	32'	Morton Arboretum, Lisle, Illinois. Kendall Laughlin, Chicago, Ill.
Wild Sweet, <i>Malus coronaria</i>	11"	21'	17'	Dunes State Park, Indiana. Kendall Laughlin, Chicago, Illinois.
CRAPEMYRTLE				
*Common, <i>Lagerstroemia indica</i>	6'6"	30'	---	Stateburg, South Carolina. Mrs. Walter C. White, Stateburg.
CYPRESS				
Arizona, <i>Cupressus arizonica</i>	17'3"	91'	---	Coronado National Forest, near Tucson, Arizona. James L. Mielke, Albuquerque, New Mexico.
False—(see Falsecypress)				
Modoc, <i>Cupressus bakeri</i>	10'2"	110'	---	Near Miller Lake, Oregon. Oliver V. Matthews, Salem.

Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
Monterey, <i>Cupressus macrocarpa</i>	11'	105'	—	Belmont, San Mateo County, California. Woodbridge Metcalf, Berkeley.
DEVILS-WALKINGSTICK * <i>Aralia spinosa</i>	2'1"	30'	12'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Dan- ville, Illinois.
DOGWOOD Flowering, <i>Cornus florida</i>	5'4"	30'	42'	Near Oriole, Somerset County, Maryland. F. W. Besley, Laurel.
*Pacific, or Western, <i>Cornus nuttalli</i>	6'11"	100'	45'	Milwaukie, Clackamas County, Oregon. Oliver V. Matthews, Salem.
Pagoda, <i>Cornus alternifolia</i>	1'3"	—	15'	Pennsylvania State University, State Col- lege, Pennsylvania. H. H. Arnold, State College.
Roughleaf, <i>Cornus asperifolia</i>	1'	19'	13'	Mt. Washington Cemetery, Jackson Coun- ty, Missouri. Kendall Laughlin, Chicago, Illinois.
DOUGLASFIR Bigcone, <i>Pseudotsuga macrocarpa</i>	23'	173'	100'	Angeles National Forest, California. W. I. Hutchinson, San Francisco.
Common, <i>Pseudotsuga taxifolia</i>	53'4"	221'	61'	Olympic National Park, Washington. Pres- ton P. Macy, Longmire.
ELDER American, <i>Sambucus canadensis</i>	9"	13'	12'6"	Dunes State Park, Indiana. Kendall Laughlin, Chicago, Illinois.
Blackbead, <i>Sambucus melanocarpa</i>	2'2"	30'	—	Near Prescott, Columbia County, Oregon. Oliver V. Matthews, Salem.
Blueberry, <i>Sambucus cerulea</i>	8'5"	—	—	Near San Rafael, Marin County, Califor- nia. Philip C. Knapp, San Francisco.
Pacific Red, <i>Sambucus callicarpa</i>	2'5"	—	—	On Shoalwater Bay, Pacific County, Wash- ington. Oliver V. Matthews, Salem, Ore.
ELM American, or White, <i>Ulmus americana</i>	24'7"	160'	147'	Near Trigonía, Blount County, Tennessee. Edgar Calhoun, Kingsport.
Rock, <i>Ulmus thomasi</i>	19'10"	103'6"	—	Near Atchison, Kansas. Edgar Linton, Kansas City, Missouri.
September, <i>Ulmus serotina</i>	6'1"	58'	46'	Glenwood, Arkansas. Kendall Laughlin, Chicago, Illinois.
Slippery, <i>Ulmus fulva</i>	16'5"	75'	75'	Allegheny County, Pennsylvania. Mrs. E. J. Mason, Pittsburgh.
EUONYMUS—(see Wahoo) EVERGREENCHINKAPIN *Giant, <i>Castanopsis chrysophylla</i>	15'3"	127'	—	Near Annapolis in Sonoma County, Cali- fornia. Arnold F. Wallen, Oakland.

Down and out. All the arts of tree surgery failed to save the famous Weathersfield elm which died in 1950



A champion pin oak gets a checkup. Big Tree Contest has stressed care and maintenance of tree monarchs



FALSECYPRESS

Lawson, or Port Orford Whitecedar, <i>Chamaecyparis lawsoniana</i>	27'2"	200'	---	Squaw Creek, Coos County, Oregon. Oliver V. Matthews, Salem.
Nootka, or Alaska Yellowcedar, <i>Chamaecyparis nootkatensis</i>	21'	175'	27'5"	Olympic National Park, Washington. Robert L. Wood, Poulsbo.
Whitecedar, or Atlantic Whitecedar, <i>Chamaecyparis thyoides</i>	10'5"	60'	25'	Near Milford, Delaware. W. S. Taber, Dover.

FARKLEBERRY

* <i>Vaccinium arboreum</i>	1'6"	15'	13'	Burnham Mountain, Glenwood, Arkansas. Kendall Laughlin, Chicago, Illinois.
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FIG

Florida Strangler, <i>Ficus aurea</i>	19'6"	72'	70'	Matheson Hammock, Florida. Albert A. Schory, Ft. Myers, and Roy Woodbury, Coral Gables.
Moretonbay, <i>Ficus macrophylla</i>	29'6"	65'	140'	Santa Barbara, California. Will H. Thrall, Alhambra.

FIR

Balsam, <i>Abies balsamea</i>	9'	75'	42'	Pocomoke City, Maryland. William L. Dennis (Deceased).
Fraser Balsam, <i>Abies fraseri</i>	6'7"	---	---	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.
Cascades, or Pacific Silver, <i>Abies amabilis</i>	21'5"	186'	38'	Olympic National Park, Washington. Floyd L. Dickinson, Port Angeles.
Douglas—(see Douglasfir) Grand, <i>Abies grandis</i>	22'4"	175'	40'	Mt. Rainier National Park, Washington. Robert L. Wood, Poulsbo.



Champion white fir in Yosemite National Park



Tennessee's champion Bald-cypress is 140 feet high



Washington State's champion Noble fir is 280 feet high



Boise, Idaho, claims the champ western white pine

Noble, <i>Abies procera</i>	22'8"	260'	35'	Columbia National Forest, Washington. Thornton T. Munger, Portland, Ore.
Red, or California Red, <i>Abies magnifica</i>	25'3"	168'	---	Lassen Volcanic National Park, California. J. V. Lloyd, Lassen Volcanic National Park.
Shasta Red, <i>Abies magnifica shastensis</i>	19'6"	174'	---	Lassen National Forest, California. T. J. Starker, Corvallis, Oregon.
White, <i>Abies concolor</i>	25'5"	189'	---	Yosemite National Park, California. John B. Wosky, Yosemite National Park.

FORESTIERA

*Texas, or Swamp-Privet, <i>Forestiera acuminata</i>	1'8"	32'	30'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
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Species	Circumference at 4½ feet	Height	Spread	Tree Location of Tree and Nominator
FRINGETREE				
*White, or Flowering Ash, <i>Chionanthus virginicus</i> ,	4'8"	60'	62'	National Zoological Park, Washington, D. C. Ernest H. Van Fossan, Washington, D. C.
GUM (see Sweetgum and Tupelo)				
HACKBERRY				
Common, <i>Celtis occidentalis</i>	16'3"	88'	59'	Near Oriole, Somerset County, Maryland. F. W. Besley, Laurel.
Dog, <i>Celtis occidentalis canina</i>	17'8"	102'	79'	New Harmony, Indiana. Eugene Cypert, Jr., Paris, Tennessee.
Douglas, or Western, <i>Celtis douglasi</i>	4'4"	---	---	Portland, Oregon. Oliver V. Matthews, Salem.
Sugar, <i>Celtis laevigata</i>	15'3"	60'	90'	Florence, Alabama. Robert A. Campbell, Norris, Tennessee.
HAWTHORN				
Cockspur, <i>Crataegus crusgalli</i>	2'6"	19'	29'	Turnbull Woods West Glencoe, Illinois. Kendall Laughlin, Chicago.
<i>Crataegus depilis</i>	1'4"	22'	17'	Glenview Memorial Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
<i>Crataegus disperma</i>	2'5"	23'	26'	Schiller Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
<i>Crataegus leucantha</i>	1'1"	25'	17'	Chechupinqua Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
<i>Crataegus pentandra</i>	1'11"	22'	12'	Schiller Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Dotted, <i>Crataegus punctata</i>	4'10"	21'	35'	Billy Caldwell's Reserve, Chicago, Illinois. Kendall Laughlin, Chicago.
Yellow Dotted, <i>Crataegus punctata aurea</i>	5'1"	31'	43'	Billy Caldwell's Reserve, Chicago, Illinois. Kendall Laughlin, Chicago.
Douglas, or Black, <i>Crataegus douglasi</i>	4'11½"	30'	25'	Near Macleay, Marion County, Oregon. Oliver V. Matthews, Salem.
Downy, <i>Crataegus mollis</i>	7'7"	29'	49'	Camp Ground Road Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Hills, <i>Crataegus hillii</i>	3'10"	36'	35'	Thatcher Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Ontario, or Scarlet, <i>Crataegus pedicellata</i>	2'6"	25'	27'	Glenview Memorial Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Pear, <i>Crataegus calpodendron</i>	1'1"	23'	19'	Harms Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Washington, <i>Crataegus phaenopyrum</i>	2'9"	25'	23'	Near Burnt Mill, Montgomery County, Maryland. F. W. Besley, Laurel.
HEMLOCK				
Canada, or Eastern, <i>Tsuga canadensis</i>	19'9"	98'	69'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.
Carolina, <i>Tsuga caroliniana</i>	9'4"	---	---	Dunn's Rock, N. C. Graham M. Watts, Athens, Georgia.
Mountain, <i>Tsuga mertensiana</i>	21'9"	118'	83'7"	Alpine County, California. Allen F. Miller, Sonora.

Uneasy is the head that wears a crown. This lovely live oak champion has been dethroned



Hahnville, Louisiana claims the new live oak champion shown below



The Hahnville live oak has a girth of 35 feet and a spread of 166 feet



Pacific, or Western, <i>Tsuga heterophylla</i>	27'2"	125'	47'6"	Olympic National Park, Washington. Preston P. Macy, Longmire.
HERCULESCLUB (see Devils-Walking-stick, Pricklyash)				
HICKORY				
Arkansas Black, <i>Carya texana arkansana</i>	6'9"	95'	43'	Rose Inn, Crossett, Arkansas. Kendall Laughlin, Chicago, Illinois.
Bitternut, <i>Carya cordiformis</i>	12'6"	171'	---	West Feliciana Parish, Louisiana. Lazella Schwarten, Jamaica Plain, Massachusetts.
Mockernut, <i>Carya tomentosa</i>	9'6"	146'	52'	Turkey Run State Park, Indiana. Jeffrey R. Short, Jr., Chicago, Illinois.
Pignut, <i>Carya glabra</i>	14'9"	---	---	Near Crosswicks, New Jersey. H. Gleason Mattoon, Philadelphia, Pennsylvania.
Red, <i>Carya ovalis</i>	13'4"	145'	45'	Norris Reservoir, Tennessee. Keith D. Lange, Norris.
Shagbark, <i>Carya ovata</i>	9'8"	127'	50'	Turkey Run State Park, Indiana. Jeffrey R. Short, Jr., Chicago, Illinois.
Littlenut Shagbark, <i>Carya ovata nuttalli</i>	5'8"	55'	30'	Near Burtonsville, Maryland. F. W. Besley, Laurel.
Shellbark, <i>Carya laciniosa</i>	12'9"	128'	70'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
Water, <i>Carya aquatica</i>	10'7"	120'	68'	Near Camden, South Carolina. Henry Savage, Jr., Camden.
HOLLY (see also Possumhaw, Winter-berry)				
*American, <i>Ilex opaca</i>	11'1½"	72'	45'	Pamlico County, North Carolina. John L. Gray, Raleigh.
HONEYLOCUST				
Common, <i>Gleditsia triacanthos</i>	18'9"	92'	112'	Near Queenstown, Maryland. F. W. Besley, Laurel.
HOPHORNBEAM				
*American, <i>Ostrya virginiana</i>	9'6"	70'	57'	Near Winthrop, Maine. J. R. Hansbrough, Upper Darby, Pennsylvania.
HOPTREE				
*Common, <i>Ptelea trifoliata</i>	1'	15'	19'	George Rogers Clark Reserve, Cook County, Illinois. Kendall Laughlin, Chicago.
HORNBEAM				
*American, or Blue Beech, <i>Carpinus caroliniana</i>	5'7"	48'	52'	Near Princess Anne, Maryland. F. W. Besley, Laurel.
INCENSECEDAR				
California, <i>Libodendrus decurrens</i>	36'	---	---	Rogue River National Forest, California. Oliver V. Matthews, Salem, Oregon.
JUNGLEPLUM				
<i>Sideroxylon foetidissimum</i>	8'9"	56'	30'	Matheson Hamock, Florida. Elbert A. Schory Sr., Ft. Myers, and Roy Woodbury, Coral Gables.

This Giant Arborvitae was one of the runners up in current contest



This Maryland Tuliptree was best in its class, stands 83 feet high



	at 4 1/2 feet	Height	Spread	Location of Free and Nominator
JUNIPER				
Alligator, <i>Juniperus pachyphloea</i>	19'11"	71'	70'	Coronado National Forest, New Mexico. Rex King, Albuquerque.
Common, <i>Juniperus communis</i>	10"	16'	4'	Dunes State Park, Indiana. Kendall Laughlin, Chicago, Illinois.
Rocky Mountain, or Utah, <i>Juniperus scopulorum</i>	26'8"	45'	—	Cache National Forest, Utah. R. P. McLaughlin, Logan.
Sierra, <i>Juniperus occidentalis</i>	42'	81'	51'	Stanislaus National Forest, California. J. R. Hall, Sonora.
KALMIA				
Mountainlaurel, <i>Kalmia latifolia</i>	3'6"	25'	45'	Great Smoky Mountains National Park, Tennessee. Arthur Stupka, Great Smoky Mountains National Park.
LARCH				
Eastern, or Tamarack, <i>Larix laricina</i>	11'5"	60'	60'	Chaplin, Connecticut. A. E. Moss and Floyd M. Callward, Storrs.
Western, <i>Larix occidentalis</i>	24'	120'	36'8"	Near Kootenai National Forest, Montana. Elers Koch, Missoula.
LAUREL—(see Californialaurel, Kalmia)				
LAURELCHERRY				
Carolina, <i>Prunus caroliniana</i>	9'10"	55'	48'	Near Eutawville, South Carolina. F. K. Bull, Pinopolis.
LINDEN; BASSWOOD				
*American, <i>Tilia americana</i>	16'5"	106'	75'	Camelback Mountain, Monroe County, Pennsylvania. George W. Raish, Tannersville.
Beetree, or White, <i>Tilia heterophylla</i>	13'9"	80'	61'	Near Little Switzerland, North Carolina. W. L. Beasley, Carthage.
Florida, <i>Tilia floridana</i>	9'9"	111'	54'	Whittington Park, Hot Springs, Arkansas. Kendall Laughlin, Chicago, Illinois.
Littleleaf, <i>Tilia cordata</i>	9'1"	45'	57'	Laurel, Maryland. F. W. Besley, Laurel.
*Palmer, <i>Tilia palmeri</i>	7'7"	61'	47'	Scarritt Point, Kansas City, Missouri. Kendall Laughlin, Chicago, Illinois.
LOCUST				
Black, <i>Robinia pseudoacacia</i>	15'11"	85'	60'	Near Jefferson, Indiana. N. A. Miller, Frankfort.
LYSILOMA				
*Bahama, or Wild Tamarind, <i>Lysiloma bahamensis</i>	7'6"	48'	50'	Key Largo, Florida. Elbert A. Schory, Sr., Ft. Myers, and Roy Woodbury, Coral Gables.
MADRONE				
Pacific, <i>Arbutus menziesi</i>	27'8"	—	—	Humboldt County, California. R. H. Menzies, San Francisco.
MAGNOLIA				
Bigleaf, <i>Magnolia macrophylla</i>	6'7"	59'	64'	Baltimore, Maryland. F. W. Besley, Laurel.
Cucumbertree, <i>Magnolia acuminata</i>	18'4"	125'	60'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.
Fraser, or Mountain, <i>Magnolia fraseri</i>	7'7"	65'	54'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.
Southern, <i>Magnolia grandiflora</i>	13'7"	52'	92'	Near Pascagoula, Mississippi. Paul M. Myers, Pascagoula.
Sweetbay, <i>Magnolia virginiana</i>	6'	67'	—	Near Camden, South Carolina. Henry Savage, Jr., Camden.
Umbrella, <i>Magnolia tripetala</i>	4'3"	—	—	Lawrenceville, New Jersey. C. W. Schisler, Trenton.
MAHOGANY				
*West Indies, <i>Swietenia mahagoni</i>	12'6"	70'	75'	Everglades National Park, Florida. Taylor R. Alexander, Coral Gables.

*Not listed in *Standardized Plant Names*—Name furnished by nominator
(To be continued)

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American FORESTS

PUBLISHED BY THE AMERICAN FORESTRY ASSOCIATION

James B. Craig
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Volume 62, No. 4 | April, 1956

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Cover designed by Fisher Associates



The AFA

The American Forestry Association, publishers of *American Forests*, is a national organization—non-political in character—for the advancement of forest management and use of forests and related resources. Its purpose is to create an enlightened public appreciation of soil, water, wildlife and outdoor recreation. These resources and the part they play in the economic life of the nation. Created in 1873, it is the oldest national forest conservation organization in America.

AMERICAN FORESTS is published monthly by The American Forestry Association at 918 S. Washington St., Washington 6, D. C. Subscription price \$6 a year. Editors are not responsible for return of unsolicited material. The Association or its members do not accept advertising space for sale.



These are the Champs

PART II

AFA's Big Tree Contest is a lively and continuous campaign. In operation for over 15 years, the contest has attracted nation-wide interest

IN September 1940, AFA launched a campaign to locate the largest living specimens of American trees. After 15 years of diligent search by cooperating individuals, the following list of "champions" are on record. (The first part of the results of the Big Tree Contest appeared in the September 1955, issue of AMERICAN FORESTS.) Common and botanical names listed conform to "Standardized Plant Names" (2nd Edition—1942) issued by the American Joint Committee on Horticultural Nomenclature. Identification

and measurements are by the nominators.

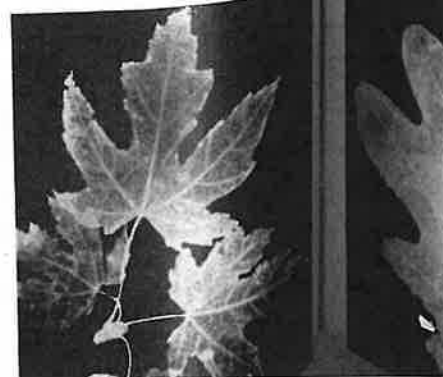
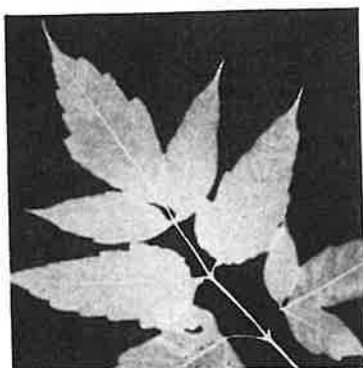
The challenge is to locate trees larger than those listed, if they exist, and also giants of species not listed, as size alone is the determining factor in the Big Tree Contest. Under the contest rules three measurements are required: circumference (diameter breast high), height and crown spread. Failure to follow these basic rules will disqualify a contender. For more measurement details, write for AFA's "How to Measure a Tree." Submit all reports to The American

Forestry Association, 919 Seventeenth Street, Northwest, Washington 6, D. C.

The Big Tree Campaign was originally instigated to halt the disappearance of more and more champions, and AFA's program has served to focus attention on the benefits of conserving these cherished landmarks. The campaign is a nation-wide project with participants from every state in the union. Although in a sense competitive, the campaign is continuous, and the benefits far-reaching.

Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator	Spec
MAHOGANY					
Mountain (see Mountainmahogany)					White,
MANZANITA					
Whiteleaf, <i>Arctosaphylos viscida</i>	7'4"	21'	24'	Lassen National Forest, California. Clyde W. Lewis, Stirling City.	MYRTL Oregon Wax—
MAPLE					
Bigleaf, <i>Acer macrophyllum</i>	28'	---	66'	Near Haydens Bridge, Lane County, Oregon. Oliver V. Matthews, Salem.	OAK xBebb,
Black, <i>Acer nigrum</i>	9'7"	112'	57'	Cox Woods, Paoli, Indiana. Kendall Laughlin, Chicago, Illinois.	Black,
Chalk, or Whitebark, <i>Acer leucoderme</i>	1'7"	29'	19'	Ouachita National Forest, Arkansas. Kendall Laughlin, Chicago, Illinois.	Calif
Douglas Rocky Mountain, <i>Acer glabrum douglasii</i>	5'6"	50'	20'	Birch Bay, Washington. Oliver V. Matthews, Salem, Oregon.	Miss mi
Mountain, <i>Acer spicatum</i>	3'	25'	10'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.	Blackja
Red, <i>Acer rubrum</i>	20'8½"	60'	50'	Bard College, Annandale, New York. Fred W. Oettinger, Poughkeepsie.	xBottom
Drummond Red, <i>Acer rubrum drummondii</i>	6'5"	52'	46'	St. Francis River, Dunklin County, Missouri. Kendall Laughlin, Chicago, Ill.	Bur, or
Trident Red, <i>Acer rubrum trilobum</i>	9'6"	83'	35'	Warren Woods, Three Oaks, Michigan. Kendall Laughlin, Chicago, Illinois.	xBushes
Silver, <i>Acer saccharinum</i>	22'10"	90'	110'	Fryeburg-Harbor, Maine. John D. Kendig, Manheim, Pennsylvania.	Cherryb
Striped, <i>Acer pensylvanicum</i>	3'10"	37½'	25'	Near Princeton, Massachusetts. Jeffrey R. Short, Jr., Chicago, Illinois.	Chestnu
Sugar, <i>Acer saccharum</i>	19'9"	116'	75'	Garret County, Maryland. F. W. Besley, Laurel.	Swam; prin
Vine, <i>Acer circinatum</i>	3'8"	30'	54'	Wilhoit Mineral Springs, Marion County, Oregon. Oliver V. Matthews, Salem.	Chinkap
MESQUITE					
Honey, <i>prosopis glandulosa</i>	10'10"	60'	65'	Near Gatesville, Texas. Weldon D. Woodson, Los Angeles, California.	Dwarf
Velvet, <i>Prosopis velutina</i>	15'	55'	76'	Coronado National Forest, Arizona. Gilbert Sykes, Tucson.	xDeam,
MOUNTAINASH					
American, <i>Sorbus americana</i>	5'6"	---	---	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.	Durand,
MOUNTAINLAUREL—(see Kalmia)					
MOUNTAINMAHOGANY					
Birchleaf, <i>Cercocarpus betuloides</i>	1'9"	---	---	Medford-Crater Lake Highway, Jackson County, Oregon. Oliver V. Matthews, Salem.	Engelma
Curlleaf, <i>Cercocarpus ledifolius</i>	10'7"	24'	67'	Nevada National Forest, near Baker, Nevada. S. D. Warner, Baker, Nevada.	Gambel,
MULBERRY					
Black, <i>Morus nigra</i>	15'1"	65'	70'	Near Easton, Maryland. F. W. Besley, Laurel.	Laurel, C
Red, <i>Morus rubra</i>	12'1"	47'	61'	Ambler, Pennsylvania. Philip G. Nordell, Ambler.	Live, Qu

Leaves (from left to right) ashleaf, maple, sugar maple, and silver maple



ator	Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
	White, <i>Morus alba</i>	23'	---	---	Near Parkersburg, West Virginia. Miss C. E. Aumiller, Washington.
MYRTLE					
ornia. Clyde	Oregon—(see California laurel)				
	Wax—(see Waxmyrtle)				
OAK					
ounty, Ore.	xBebb, <i>Quercus bebbiana</i>	7'1"	58'	76'	Swope Park, Kansas City, Missouri. Kendall Laughlin, Chicago, Illinois.
alem.	Black, <i>Quercus velutina</i>	19'9"	90'	138'	Lloyd's Neck, L. I., New York. Mrs. E. M. Thyvaert, San Juan, P. R.
a. Kendall	California Black, <i>Quercus kelloggi</i>	36'	---	---	Yosemite National Park, California. John B. Wosky, Yosemite National Park.
ansas. Ken.	Missouri Black, <i>Quercus velutina</i>	6'2"	53'	56'	Swope Park, Kansas City, Missouri. Kendall Laughlin, Chicago, Illinois.
inois.	missouriensis				
ver V. Mat.	Blackjack, <i>Quercus marilandica</i>	7'11"	48'	55'	Waterloo, Howard County, Maryland. F. W. Besley, Laurel.
tional Park,	xBottom, <i>Quercus runcinata</i>	9'5"	80'	70'	Heathwood Park, Kansas City, Kansas. Kendall Laughlin, Chicago, Illinois.
ldwin, Dan.	Bur, or Mossy cup, <i>Quercus macrocarpa</i>	17'6"	127'	101'6"	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois and Prof. R. E. McDermott, Columbia, Missouri.
v York. Fred	xBushes, <i>Quercus bushi</i>	8'5"	61'	67'	Forest Park, St. Louis, Missouri. Kendall Laughlin, Chicago, Illinois.
County, Mis.	Cherrybark, <i>Quercus falcata leucophylla</i>	24'1"	110'	80'	Near Cumberstone, Maryland. S. Glidden Baldwin, Danville, Illinois.
hicago, Ill.	Chestnut, <i>Quercus montana</i>	19'6"	82'	101'	Near Cecilton, Maryland. Karl E. Pfeiffer, Annapolis.
s, Michigan.	Swamp Chestnut, or Basket, <i>Quercus prinus</i>	21'3"	97'	117'	Near Rock Fall, Kent County, Maryland. F. W. Besley, Laurel.
Illinois.	Chinkapin, <i>Quercus muhlenbergi</i>	20'6"	55'	75'	Near Lattaville, Ohio. W. R. Carpenter, Jenkintown, Pennsylvania.
n D. Kendig,	Dwarf chinkapin, <i>Quercus prinoides</i>	1'4"	19'	15'	Pennsylvania State University, State College, Pennsylvania. H. H. Arnold, State College.
s. Jeffrey R.	xDeam, <i>Quercus deami</i>	8'	85'	50'	Near Bluffton, Indiana. S. Glidden Baldwin, Danville, Illinois.
s.	Durand, <i>Quercus durandi</i>	14'9"	139'	69'	Noxubee National Wildlife Refuge, Mississippi. Eugene Cypert, Jr., Paris, Tenn.
. W. Besley,	Engelmann, <i>Quercus engelmanni</i>	10'3"	85'	110'	Pasadena, California. Woodbridge Metcalf, Berkeley.
rion County,	Gambel, <i>Quercus gambeli</i>	18'3"	47'	85'	Gila National Forest, New Mexico. Dahl J. Kirkpatrick, Albuquerque.
s, Salem.	Laurel, <i>Quercus laurifolia</i>	23'6"	75'	---	Near Sebring, Florida. William F. Jacobs, Tallahassee.
on D. Wood.	Live, <i>Quercus virginiana</i>	35'	78'	168'	Near Hahnville, Louisiana. Charles Genella, New Orleans.
Arizona. Gil.	California Live, <i>Quercus agrifolia</i>	24'10"	108'	129'	Chiles Va Mey, Napa County, California. Woodbridge Metcalf, Berkeley.
tional Park,	Canyon Live, <i>Quercus chrysolepis</i>	36'3"	70'	130'	Angeles National Forest, California. G. Armstrong, Los Angeles.
ldwin, Dan.	Interior Live, <i>Quercus wislizeni</i>	20'	100'	100'	Near Sacramento, California. Arthur J. Teller, Del Paso Heights.
way, Jackson					
V. Matthews,					
r Baker, Ne.					
Nevada.					
. W. Besley,					
G. Nordell					



From left to right
leaves of the white
oak, the black oak
and the sassafras

Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
xOracle, <i>Quercus morehus</i>	8'8"	30'	40'	Between Coahuila Saddle and Juan Diego Flat, California. Donald R. Bauer, San Bernadino National Forest.
Overcup, <i>Quercus lyrata</i>	15'5"	114'	72'	Patuxent Wildlife Refuge near Laurel, Maryland. Karl E. Pfeiffer, Annapolis.
Pin, <i>Quercus palustris</i>	16'	135'	135'	Saint Davids, Pennsylvania. J. W. Ritter, Saint Davids.
Northern Pin, <i>Quercus ellipsoidalis</i>	9'9"	86'	65'	Linne Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Post, <i>Quercus stellata</i>	13'9"	80'	103'	Charlotte County, Virginia. F. C. Pederson (deceased).
x <i>Quercus mutabilis</i>	10'7"	131'	68'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
Red				
Eastern Red, <i>Quercus borealis maxima</i>	22'10"	89'	55'	Conneaut, Ohio. F. H. Love, Conneaut.
Northern Red, <i>Quercus borealis</i>	@3' 24'9"	60'	---	Thorndale, Millbrook, New York. H. F. Hedgecock, Poughkeepsie.
Southern Red, <i>Quercus falcata</i>	24'1"	122'	132'	Cumberstone, Maryland. F. W. Besley, Laurel.
Swamp Red, <i>Quercus falcata pagodaefolia</i>	20'9"	95'	139'	New Madrid, Missouri. Kendall Laughlin, Chicago, Illinois and Prof. Robert E. McDermott, Columbia, Missouri.
Scarlet, <i>Quercus coccinea</i>	13'11"	97'	80'	Forest Hill, Maryland. F. W. Besley, Laurel.
Sargent Scarlet, <i>Quercus coccinea tuberculata</i>	7'9"	75'	60'	Gatlinburg, Tennessee. S. Glidden Baldwin, Danville, Illinois.
Schneck, <i>Quercus shumardi schneckii</i>	11'10"	108'	75'	Big Spring State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
Scrub, <i>Quercus ilicifolia</i>	1'4"	36'	12'	Pennsylvania State University, State College, Pennsylvania. H. H. Arnold State College.
California Scrub, <i>Quercus dumosa</i>	13'5"	33'	55'	San Luis Obispo County, California. Woodbridge Metcalf, Berkeley.
Shingle, <i>Quercus imbricaria</i>	10'2"	81'	77'	Dexter, Missouri. Kendall Laughlin, Chicago, Ill.
Shumard, <i>Quercus shumardi</i>	17'5"	140'	100'	Near Keensburg, Wabash County, Illinois. Jeffrey R. Short, Jr., Chicago.
Tan,—(see Tanoak)				
Turkey, <i>Quercus laevis</i>	7'9"	54'	55'	Maxwell's Point, Harford County, Maryland. F. W. Besley, Laurel.
Water, <i>Quercus nigra</i>	16'10"	83'	100'	Hillsboro, Georgia. Eugene Cypert, Jr., Paris, Tennessee.
White, <i>Quercus alba</i>	27'8"	95'	165'	Wye Mills, Maryland. F. W. Besley, Laurel.
California White, or Valley, <i>Quercus lobata</i>	27'9"	125'	---	Near Middletown, Lake County, California. Woodbridge Metcalf, Berkeley.
Oregon White, <i>Quercus garryana</i>	25'6"	120'	---	Near Mendocino National Forest, California. H. G. Abbott, Orono, Maine.
Swamp White, <i>Quercus bicolor</i>	16'7"	82'	86'	Near Hanover, Pennsylvania. C. N. Myers, Hanover.
Willow, <i>Quercus phellos</i>	21'2"	118'	106'	Queenstown, Eastern Shore, Maryland. S. Glidden Baldwin, Danville, Illinois, and F. W. Besley, Laurel.
OSAGEORANGE				
Osageorange, <i>Maclura pomifera</i>	19'4"	66'	70'	Near Carmichael, Maryland. F. W. Besley, Laurel.
PALM—(see Royalpalm)				
PAWPAW				
Common, <i>Asimina triloba</i>	4'9"	25'	32'	Lancaster, Pennsylvania. John D. Kendig, Manheim.
PECAN				
Pecan, <i>Carya illinoensis</i>	21'4"	135'	145'	Assumption Parish, Louisiana. Saint-Min, Baton Rouge.
PERSIMMON				
Common, <i>Diospyros virginiana</i>	13'1½"	80'	73'6"	Near Johnson, Indiana. W. B. Ward, Lafayette.

ator	Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
Juan Diego Bauer, San	PINE Bristlecone, <i>Pinus aristata</i>	37'7"	40'	45'	Inyo National Forest, California. A. E. Noren, Bigpine.
near Laurel Annapolis. J. W. Ritter,	Coulter, <i>Pinus coulteri</i>	17'	144'	40'	Angeles National Forest, California. Will H. Thrall, Alhambra.
Illinois. Ken-	Digger, <i>Pinus sabiniana</i>	14'6½"	137'	60'	Near Millville, California. John Callaghan, Redding.
C. C. Pederson	Jack, <i>Pinus banksiana</i>	5'7"	70'	30'	Near Village of Lake Delton, Wisconsin. Harold F. Williams and Walter E. Scott, Madison.
Missouri. Ken-	Jeffrey, <i>Pinus jeffreyi</i>	14'10"	157'	25'	Angeles National Forest, California. Will H. Thrall, Alhambra.
Illinois.	Knobcone, <i>Pinus attenuata</i>	9'1"	---	---	Rogue River National Forest, Oregon. Oliver V. Matthews, Salem.
Conneaut.	Limber, <i>Pinus flexilis</i>	24'5"	44'	50'	Cache National Forest, Utah. Wilford D. Porter, Logan.
York. H. F.	Loblolly, <i>Pinus taeda</i>	16'6"	128'	64'	Near Ammon, Virginia. Ralph G. Turner, Amelia.
F. W. Besley,	Lodgepole, <i>Pinus contorta latifolia</i>	19'	106'	---	Sierra National Forest, California. Harold S. Coons, Northfork.
dall Laughlin, Robert E. Ma-	Longleaf, <i>Pinus palustris</i>	10'9"	113'	40'	Autauga County, Alabama. R. M. Loughridge, Selma.
uri. Besley, Laurel Glidden Bald-	Monterey, <i>Pinus radiata</i>	13'7"	165'	75'	Near Napa, California. Woodbridge Metcalf, Berkeley.
souri. Kendall	Pinyon Colorado Pinyon, <i>Pinus cembroides</i>	11'3"	33'	43'6"	La Sal National Forest, Utah. Owen DeSpain, Moab.
s. sity, State Col-	<i>edulis</i> Pitch, <i>Pinus rigida</i>	6'4"	72'	36'	Near Bowie, Maryland. F. W. Besley, Laurel.
I. Arnold State	Pond, <i>Pinus rigida serotina</i>	7'5"	70'	48'	Near Laurel, Maryland. F. W. Besley, Laurel.
ty, California keley.	Ponderosa, <i>Pinus ponderosa</i>	27'1"	162'	---	Near Lapine, Oregon. Donald F. McKay, Tacoma, Washington.
Laughlin, Coe	Red, or Norway, <i>Pinus resinosa</i>	8'10"	98'	34'	Stephenson, Wisconsin. W. E. Scott, Madison.
County, Illinois ago.	Shore, or Coast, <i>Pinus contorta</i>	9'1"	---	---	Curry County, Oregon. Oliver V. Matthews, Salem.
County, Mary-	Shortleaf, <i>Pinus echinata</i>	10'7"	146'	60'	Morganton, North Carolina. A. H. Maxwell, Morganton.
el. ne Cypert, Jr.	Spruce, <i>Pinus glabra</i>	13'6"	105'	60'	Near Brookhaven, Mississippi. Monty Payne, State College.
r. Besley, Laurel	Sugar, <i>Pinus lambertiana</i>	32'8"	220'	61'	Stanislaus National Forest, California. J. R. Hall, Sonora.
County, Calif-	Table Mountain, <i>Pinus pungens</i>	6'10"	---	---	Chattahoochee National Forest, Georgia. C. A. Rowland, Jr., Gainesville.
lf, Berkeley.	Torrey, <i>Pinus torreyana</i>	17'	100'	118'	Carpenteria, California. Edward H. Scanlon, Santa Monica.
l Forest, Calif-	Virginia, <i>Pinus virginiana</i>	6'10"	72'	43'	Near Malcolm, Maryland. F. W. Besley, Laurel.
mo, Maine. ia. C. N. Myers	White Eastern White, <i>Pinus strobus</i>	17'2"	140'	56'	Near Newald, Wisconsin. Jacque D. Valier, Milwaukee.
re, Maryland ille, Illinois,	Western White, <i>Pinus monticola</i>	21'3"	219'	36'	Near Elk River, Idaho. A. B. Curtis, Boise.
nd. F. W. Besley	Whitebark, <i>Pinus albicaulis</i>	19'	85'	60'	Grand Teton National Park, Wyoming. Charles J. Smith, Moose.
	PLANETREE; SYCAMORE American, <i>Platanus occidentalis</i>	25'10"	114'	79'	Wakefield, Maryland. Karl E. Pfeiffer, Annapolis.
John D. Kendall	California, <i>Platanus racemosa</i>	27'	116'	158'	Near Santa Barbara, California. Maunsell Van Rensselaer, Saratoga.
siana. Sam M.	PLUM American, or Wild, <i>Prunus americana</i>	5'	29'	33'	Near Steyer, Maryland. Karl E. Pfeiffer, Annapolis.
W. B. Ward	Black, <i>Prunus lanata</i>	1'11"	26'	28'	Ouachita National Forest, Arkansas. Kendall Laughlin, Chicago, Illinois.
POISONSUMAC Toxicodendron vernix		1'9"	17'	19'	Dune Acres, Indiana. Kendall Laughlin, Chicago, Illinois.

Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
POPLAR; COTTONWOOD				
Balm-of-Gilead P., <i>Populus candicans</i>	8'3"	88'	48'	Houghton, Michigan. William P. Nicholls Houghton.
Eastern P., <i>Populus deltoides</i>	30'	90'	---	Fort Kearney, Nebraska. V. W. Binderup Minden.
Gray P., <i>Populus canescens</i>	21'3"	95'	90'	Near Florida, Ohio. O. E. Files, Toledo.
Narrowleaf P., <i>Populus angustifolia</i>	6'	55'	25'	Little Cottonwood Creek, Pueblo Mountains, Oregon. Oliver V. Matthews Salem.
Pacific P., or Northern Black C., <i>Populus trichocarpa hastata</i>	25'	---	---	Near Corvallis, Oregon. T. J. Starker, Corvallis.
Plains P. or C., <i>Populus sargentii</i>	29'8"	55'	70'	Near Thermopolis, Wyoming. O. F. Ludtke, Thermopolis.
Southern P., <i>Populus deltoides missouriensis</i>	21'7"	124'	115'	Near Geneva, New York. O. E. Files, Toledo, Ohio.
Swamp P. or C., <i>Populus heterophylla</i>	5'7"	74'	34'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
White P., or Silver P., <i>Populus alba</i>	15'5"	74'	67'	Oxford, Maryland. F. W. Besley, Laurel.
Yellow P.—(see Tuliptree)				
POSSUMHAW				
Possumhaw, <i>Ilex decidua</i>	1'1"	20'	27'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
PRICKLYASH				
Common, <i>Zanthoxylum americanum</i>	1'4" (base)	30'	---	Homochitto National Forest, Mississippi. Herbert P. Rice, Rolling Fork.
Herculesclub, <i>Zanthoxylum clavaherculis</i>	4'4" (base)	50'	---	Homochitto National Forest, Mississippi. Herbert P. Rice, Rolling Fork.
REDBUD				
Eastern, <i>Cercis canadensis</i>	8' @2'	---	40'	Near North Kingsfield, Ohio. Newton G. Armstrong, Cleveland.
REDCEDAR				
Eastern, <i>Juniperus virginiana</i>	13'4"	62'	42'	Cumberstone, Queen Anne County, Maryland. F. W. Besley, Laurel, and S. Glidden Baldwin, Danville, Illinois.
REDWOOD (see also Sequoia)				
Redwood, <i>Sequoia sempervirens</i>	65'9" @6'	300'	---	Big Tree Park on Redwood Highway, California. John A. McGregor, San Francisco.
RHODODENDRON				
Coast, <i>Rhododendron macrophyllum</i>	2'2"	26'	22'	Siuslaw National Forest, Oregon. Oliver V. Matthews, Salem.
ROYALPALM				
Cuban, <i>Roystonea regia</i>	4'9"	100'	12'	Collier Seminole State Park, Naples, Florida. Wilbur F. Smith, South Norwalk, Connecticut.
SASSAFRAS				
Common, <i>sassafras albidum</i>	16'	88'6"	68'	Owensboro, Kentucky. Mrs. O. W. Rast Owensboro.
Silky, <i>Sassafras albidum molle</i>	15'4"	65'	47'	Near Mt. Nebo, Lancaster County, Pennsylvania. Ray Brooks, Landisville.
SEQUOIA (see also Redwood)				
Giant, <i>Sequoia gigantea</i>	101'6" @ base	272'	90'	Sequoia National Park, California. Isabelle F. Story, Washington, D. C.
SERVICEBERRY				
Pacific, <i>Amelanchier florida</i>	2'9"	---	---	Near Lyons, Oregon. Oliver V. Matthews, Salem.
Shadblow, <i>Amelanchier canadensis</i>	7'1"	54'	40'	Near Ithaca, New York. P. F. Allan, Ithaca.
SILVERBELL				
Mountain, <i>Halesia monticola</i>	11'9"	---	---	Great Smoky Mountains National Park, Tennessee. Stanley A. Cain, Knoxville.
SOAPBERRY				
Western, <i>Sapindus drummondii</i>	5'6"	51'	46'	Carnegie, Oklahoma. Floyd Clay, Altamont.

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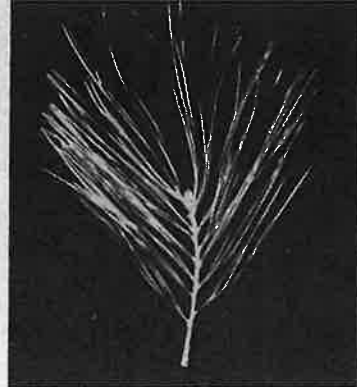
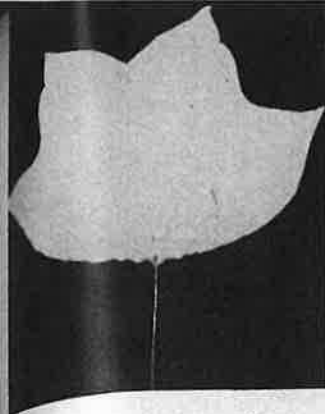
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National Park

in, Knoxville

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AN FOREST



From left to right, leaf
of the tuliptree, needles
of white pine, and an
acorn and leaves of oak

SOURWOOD

Sourwood, *Oxydendrum arboreum*

7'4"

65'

35'

Pisgah National Forest, North Carolina.
James Hutchins, Burnsville.

SPRUCE

Brewer, *Picea breweriana*

12'2"

Near Miller Lake, Oregon. Oliver V. Mat-
thews, Salem.

Colorado or Blue, *Picea pungens*

11'9"

123'

Gunnison National Forest, Colorado. Fred
R. Johnson, Denver.

Engelmann, *Picea engelmanni*

19'11"

104'

30'

Cache National Forest, Idaho. Jay B. Hann,
Paris.

Red, *Picea rubens*

14'1"

75'

Great Smoky Mountains National Park,
North Carolina. Verne Rhoades, Ashe-
ville.

Sitka, *Picea sitchensis*

51'6"

180'

50'

Olympic National Park, Washington. Rob-
ert L. Wood, Poulsbo.

White, *Picea glauca*

10'1"

75'

42'

Near Herbster, Wisconsin. Charles E.
Rieck, Hayward.

SUMAC

Flameleaf, *Rhus copallina*

11"

25'

15'

Dunes State Park, Indiana. Kendall Laugh-
lin, Chicago, Illinois.

Poison—(see Poisonsumac)

Smooth, *Rhus glabra*

2'6"

45'

Homochitto National Forest, Mississippi.
Herbert P. Rice, Rolling Fork.

Staghorn, *Rhus typhina*

@ base
1'7"

36'

17'

Dunes State Park, Indiana. Kendall Laugh-
lin, Chicago, Illinois.

SWAMP-PRIVET—(see Forestiera)

SWEETGUM

American, *Liquidambar styraciflua*

16'6"

112'

71'

New Madrid, Missouri. Kendall Laughlin,
Chicago, Illinois, and R. E. McDermott,
Columbia, Missouri.

SYCAMORE—(see Planetree)

TAMARACK—(see Larch)

TAMARIND

Wild—(see Lysiloma)

TANOAK

Tanoak, *Lithocarpus densiflorus*

24'1"

80'

84'

Near Cazadero, Sonoma County, Califor-
nia. Arnold F. Wallen, Oakland.

TORREYA

California, or California-nutmeg
Torreya californica

14'10"

141'

39'

Near Mendocino, California. Edward Si-
mons, San Francisco.

TULIPTREE; YELLOW POPULAR

Liriodendron tulipifera

26'6"

83'

98'

Annapolis, Maryland. F. W. Besley, Laurel.

TUPELO

Black T., or Blackgum, *Nyssa sylvatica*

13'3"

85'

83'

Sandy Spring, Maryland. F. W. Besley,
Laurel.

Water, *Nyssa aquatica*

18'1"

110'

65'

Near Camden, South Carolina. Henry
Savage, Jr., Camden.

APRIL, 1956

Species	Circumference at 4½ feet	Height	Spread	Location of Tree and Nominator
VIBURNUM				
Blackhaw, <i>Viburnum prunifolium</i>	1'9"	20'	18'10"	Glen Mills, Pennsylvania. S. Glidden Baldwin, Danville, Illinois, and T. V. Palmer, Concordville.
Rusty Blackhaw, <i>Viburnum rufidulum</i>	1'11"	23'	21'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
Nannyberry, <i>Viburnum lentago</i>	5'	22'	35'	State College, Pennsylvania. H. H. Arnold, State College.
WAHOO				
Eastern W. or Eastern Burningbush, <i>Euonymus atropurpureus</i>	1'2"	12'	5'	Turkey Run State Park, Indiana. Kendall Laughlin, Chicago, Illinois.
WALNUT				
Black				
Arizona Black, <i>Juglans major</i>	9'10"	55'	52'	Near Albert, Oklahoma. Floyd Clay, falfa.
Eastern Black, <i>Juglans nigra</i>	20'3"	108'	128'	Anne Arundel County, Maryland. F. Besley, Laurel.
Hinds Black, <i>Juglans hindsii</i>	18'7"	95'	---	Near Arbuckle, California. Woodbridge Metcalf, Berkeley.
White—(see Butternut)				
WATERELM				
Waterelm, <i>Planera aquatica</i>	2'1"	31'	30'	Big Oak Tree State Park, Missouri. Kendall Laughlin, Chicago, Illinois.
WAXMYRTLE				
Pacific, or California, <i>Myrica californica</i>	3'11"	---	---	Near Annapolis, California. Richard May, Berkeley.
WILLOW				
Black, <i>Salix nigra</i>	19'7"	85'	50'	Near Woodville, Ohio. O. E. Files, Toledo.
Brittle, <i>Salix fragilis</i>	18'7"	80'	70'	Old Westbury, L. I., New York, George Peters, Freeport.
Coastalplain, Ward, <i>Salix longipes wardii</i>	2'11"	18'	25'	Glenwood, Arkansas. Kendall Laughlin, Chicago, Illinois.
Hooker, <i>Salix hookeriana</i>	9'10"	42'	40'	Near Cannon Beach, Oregon. George Hansen, Portland.
Peachleaf, <i>Salix amygdaloides</i>	6'2"	75'	47'	Black Partridge Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Pussy, <i>Salix discolor latifolia</i>	3'1"	30'	26'	Chechupinqua Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Sandbar, <i>Salix interior</i>	1'1"	24'	14'	Schiller Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
Scouler, or Mountain, <i>Salix scouleriana</i>	9'5"	---	---	Silver Creek Falls State Park, Oregon. Oliver V. Matthews, Salem.
White, <i>Salix alba</i>	23'6"	85'	75'	Near Winona, Ohio. F. Merrick, North Jackson.
Yellowstem White, <i>Salix alba vitellina</i>	8'11"	43'	34'	Chechupinqua Woods, Cook County, Illinois. Kendall Laughlin, Chicago.
WINTERBERRY				
Mountain, <i>Ilex montana</i>	1'2"	18'	8'	Great Smoky Mountains National Park, Tennessee. S. Glidden Baldwin, Danville, Illinois.
WITCHHAZEL				
* Common, <i>Hamamelis virginiana</i>	2'1"	25'	25'	Windom, North Carolina. James H. Windom, Windom.
YELLOWWOOD				
American, <i>Cladrastis lutea</i>	7'10"	48'	47'	Relay, Maryland. F. W. Besley, Laurel.
YEW				
Pacific, <i>Taxus brevifolia</i>	12'7"	---	---	Near Cherry Grove, Oregon. Oliver V. Matthews, Salem.
YUCCA				
Joshuatree, <i>Yucca brevifolia</i>	11'	41'6"	36'	Near Lancaster, California. San Antonio Club, Alhambra.
x Hybrid.				