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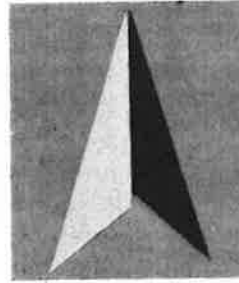
Cover—National Champion Sitka Spruce, Seaside, Oregon. Photo: Henry Groskinsky for LIFE magazine.



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THE AMERICAN FORESTRY ASSOCIATION is a national conservation organization—independent and nonpolitical—for the advancement of intelligent management and use of our forests, soil, water, wildlife, and all other natural resources necessary for an environment of high quality and the well-being of all citizens. Established in 1875, the Association seeks, by means of its magazine AMERICAN FORESTS and in other ways, to promote an enlightened public appreciation of natural resources and their role in the social, recreational, and economic life of the nation.

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Big Trees and Dreams

"What happened to yesterday's dreams? While I was busy growing up, someone must have accelerated time. It seems only a few days ago that time stretched out in front of me like a long, lazy, golden summer. I awoke one day to a voice that seemed to be whispering, 'run faster—your summer is almost over'."

—Charles Jordan,
Missouri Conservationist magazine

In this issue we publish, in its entirety, the revised and updated 1982 edition of the National Register of Big Trees, a program of champion-tree certification that AFA has administered since 1940. The special 32-page section in the center of this magazine contains details on champions in 651 tree species in 42 states and the District of Columbia—an herculean task accomplished with accuracy and aplomb by Kay Hartman of the AFA staff.

But what's the big deal about Big Trees? Why are people turned on by such arboreal "winners"? Many of the champions are downright unattractive—misshapen or cabled together or gnarled with age. Others are big in title only, belonging to diminutive species and looking like relics from the land of Lilliput. Still others grow in crowded woodland settings surrounded by companions of nearly the same size, or in country so wild that they are seldom seen by human eyes.

Is it that we are a nation of people enamored of winners, or awed by bigness? Probably. But I believe there's a great deal more to the near reverence most of us—most AFAers, at least—hold toward big trees.

Take another look at the photograph on the cover of this issue. Looming out of the rich Oregon earth is the largest known Sitka spruce on this continent. From its moss-bejeweled buttress to its broad, sinuous bole to its life-giving crown, this regal old tree symbolizes strength and serenity and permanence. And to those who will listen, it speaks eloquently about some other things.

I stood at the base of this tree a few years ago. One of my first reactions was to recall another big tree 3,500

miles and 35 years away, but conjured up quite vividly. It was an aged oak with an enormous trunk (I'm sure it wouldn't seem so big to me today), and my friends and I rested and hid and conspired in its shadow and shade. And because that old tree made me feel protected and at ease, I did a lot of dreaming there. I loved the smells too—crushed acorns, and sweat-on-bark, and decayed leaves, and the wonderful odor of earth.

Though I couldn't possibly have articulated it then, I felt a kinship with that dark earth, and with sweet water and growing things. The oak helped to give me a sense of the on-going order of our natural world, and man's place in it. It was only much later that I learned the details of that order—the message that mankind's survival depends on how we use our bountiful natural resources, and the hard choices that often must be made in deciding how much to use and how much to keep in trust for those who come after us.

Today I worry about our society's ability to make those choices wisely, mainly because I sense that we are losing our close contact with our earth and its natural processes. But whenever such thoughts intrude, I need only look at the photo of that huge spruce or recall the old oak of my childhood. These monuments to natural order serve as measuring sticks for our own survival. As long as we can see such trees linking sky and earth, as long as they provide quiet places for the young to dream and for the not-so-young to remember old dreams and build new ones, man too will be able both to stay rooted in the earth and to reach for the sky.

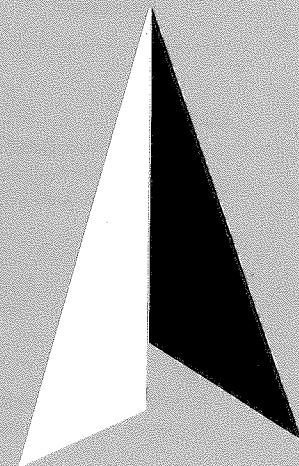
This issue of our magazine has been put together so that you can open the staples along its spine and remove the entire 32-page National Register. What you'll have, then, is the stuff of dreams.

Bill Pomeroy



NATIONAL REGISTER OF BIG TREES

NATIONAL REGISTER OF BIG TREES



The 1982 edition of the National Register of Big Trees marks the 42nd consecutive year that tree lovers from across the country have been working together in a nationally coordinated effort to locate and protect our nation's largest trees. During this time, The American Forestry Association has served as the official record-keeper for the program and has received several thousand letters pertaining to these American giants.

The National Big Tree Program officially began in September 1940, when AMERICAN FORESTS magazine published an article written by Joseph L. Stearns appealing to people everywhere to band together and accept the challenge of seeking out and preserving our nation's biggest trees. The article made it clear that concern should be felt not only for the big redwoods on the west coast but also for many other less-publicized species found all over America.

In that same issue of AMERICAN FORESTS, AFA endorsed Stearns' appeal and printed a list of 100 tree species under the headline: "WANTED! The Location and Measurement of the Largest Specimens of the Following Tree Species." In addition, AFA offered to provide national leadership for such a program and the forum for publishing the results regularly in AMERICAN FORESTS magazine.

In 1945, the first list of National Champions, which contained 228 tree species, appeared. Today, six of these original Champions still maintain their titles. They include the Rocky Mountain Juniper, Western Juniper, White Oak, California Sycamore, Giant Sequoia, and California Torreya. The other Champions on that list have died, been destroyed, or, in most instances, been dethroned by larger trees.

Other complete lists of the National Champion trees were published in 1951, 1956, 1961, 1966, 1973, and 1978. Supplementary updates were issued in 1947, 1967, 1969, 1971, 1976, and 1980. In addition, a special list of Hawaiian Champions was released in May 1974, which includes nearly 190 tree species not native to the continental United States.

The 1982 National Register includes 651 tree species discovered in 42 states and the District of Columbia. The states with the highest number of Champion trees include Florida with 102 title holders and Michigan with 77. California (66), Texas (60), and Oregon (59) also boast high numbers of Champions.

California, in spite of its number of Champions, has the greatest number of Big Tree points at 20,735, and Michigan falls second with 17,117. Florida stands in third place with a total of 13,009 points.

Generally, only those trees that are recognized as native and naturalized in the United States are eligible for inclusion in the National Register of Big Trees. The official authority for determining eligibility rests with the 1978 edition of the U.S. Forest Service publication entitled "Checklist of United States Trees (Native and Naturalized)" prepared by Elbert L. Little Jr. With publication of this issue of the National Register, hybrid species are no longer recognized.

Trees are compared based on a total point score determined by adding the trunk circumference, measured in inches at 4½ feet from the ground, plus the height of the tree in feet, plus one-quarter of the average crown spread of the tree in feet. This formula provides a rough approximation of the volume of the tree and offers a more accurate comparison of tree size than

would be possible by simply measuring one dimension of the tree such as height. (Detailed directions on how to measure a tree for the Register appear elsewhere in this publication.)

Trees that are not quite large enough to qualify as National Champions are recognized as Challenger trees. The information on these trees is placed in a special file, which is consulted to name a new Champion if something should happen to the current title holder. In other words, if you come across a tree that you believe is especially large, whether or not you believe it would replace the current Champion, we'd like to know about it. A tree doesn't have to be *the* biggest to be important in our book.

In addition, some trees that do not qualify as National Champions stand as State Champion trees. This is possible, in part, due to a well-established network of hard-working volunteers who serve as Coordinators for the Big Tree Program in their home states. State Coordinators now exist in 43 states and offer their assistance in measuring, photographing, and tracking Champion trees, as well as coordinating the record keeping in their specific part of the country.

The list of Champion trees changes constantly as individuals search new areas or take a good look for the first time at the tree that has been growing in their backyard all along, and forward new information to us. Yet, not every species eligible for the list has a Champion.

We'd like to hear from you. You don't have to be a forester or a scientist to nominate a tree. If you can identify the species of your tree, simply send us the common and latin names, the measurements of its

trunk circumference, height, and average crown spread, your name and address, the name and address of the owner of the tree, a general estimation of the tree's overall condition, directions for finding it, and a photo of your nominee that can be either a print or slide, black-and-white or color. We will let you know whether you have discovered a new National Champion and whether we can list your tree as a Challenger to the reigning title holder. If you like, you can contact us directly and obtain a copy of the nomination form that can be used for submitting information to us on your potential Champion.

If you are unable to identify the species of tree, please let us know and we will make arrangements with Dr. Frederick Meyer at the National Arboretum for your tree to be identified. Formerly, all tree species had to be confirmed by Dr. Meyer before those trees could be placed on the National Register. We found that in many instances this procedure actually discouraged participation in the program, and we have done away with this requirement.

As always, we would like to express our continued appreciation to those people who have played a special role in making the National Big Tree Program a success, including Elbert Little, Dr. Meyer, and each of our State Coordinators. But everyone who has ever nominated a Champion or Challenger tree deserves a special thanks for his or her appreciation of one of our nation's greatest resources—its trees—and for encouraging and helping others to feel the same.

—Kay Hartman,
Director, Big Trees Program

OVERLEAF PHOTO: National Champion Sitka Spruce, Seaside, OR

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Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
ACACIA					
Catclaw, <i>Acacia greggii</i> Gray (1971)	6'5"	49'	46'	138	Red Rock, New Mexico; Samuel H. Lamb.
Koa (Hawaiian Koa) <i>Acacia koa</i> var. <i>hawaiiensis</i> Rock (1969)	37'4"	140'	148'	625	District of Kua, Hawaii; L.W. Bryan.
AILANTHUS					
*(Tree-of-Heaven) <i>Ailanthus altissima</i> (Mill.) Swingle (1972)	19'8"	60'	80'	316	Head of Harbor, Long Island, New York; George H. Peters.
ALDER					
Arizona, <i>Alnus oblongifolia</i> Torr. (1981)	12'	88.5'	55.5'	246	Grant County, New Mexico; Ralph A. Fisher Jr.
*European, <i>Alnus glutinosa</i> (L.) Gaertn. (1974)	7'4"	68'	44'	167	Hildebraud Residence, Princeton, Illinois; W.S. Brennan.
Hazel, <i>Alnus serrulata</i> (Ait.) Willd. (1965)	1'5"	40'	22'	63	Near Shreve, Wayne County, Ohio; John Aughanbaugh.
Red, <i>Alnus rubra</i> Bong. (1979)	20'5"	104'	59'	364	Clatsop County, Oregon; Ron Simon.
Seaside, <i>Alnus maritima</i> Muhl. ex. Nutt. (1975)	1'1"	28'	11'	44	Springfield, Virginia; Richard Salzer.
Sitka, <i>Alnus sinuata</i> (Reg.) Rydb. (1967)	1'9"	25-30'	—	—	Saddle Mountain State Park, Oregon; Maynard C. Dawson.
Speckled, <i>Alnus rugosa</i> (DuRoi) Spreng. (1972)	2'8"	57'	28'	96	Ottawa County, Michigan; Paul Thompson.
Mountain, <i>Alnus tenuifolia</i> Nutt. (Co-Champion) (1976)	4'4"	68'	25'	126	Church Canyon, New Mexico; Stanley Stroup.
Mountain, <i>Alnus tenuifolia</i> Nutt. (Co-Champion) (1976)	5'	57'	37'	126	Church Canyon, New Mexico; Stanley Stroup.
White, <i>Alnus rhombifolia</i> Nutt. (1979)	11'5"	93'	46'	242	Angeles National Forest, California; Will Thrall and Clark Vernon.
ANACUA					
<i>Ehretia anacua</i> (Mier & Berland.) I.M. Johnst. (1976)	13'6"	30'	54'	206	Victoria, Texas; Bob Curtis.
APPLE					
*(Common) <i>Malus sylvestris</i> (L.) Mill (1971)	14'7"	30'	30'	213	Allen County, Ohio; C.O. Boger.
Oregon crab, <i>Malus fusea</i> (Raf.) Schneid. (1971)	6'4"	45'	40'	131	Near Valsetz, Polk County, Oregon; Maynard C. Dawson.
Prairie crab, <i>Malus ioensis</i> (Wood) Britton (1976)	2'8"	39'	82'	92	Oakland County, Michigan; Paul Thompson.
Southern Crab, <i>Malus angustifolia</i> (Ait.) Michx. (1981)	77.5" (at 18")	35.5'	48.5'	125	Swannanoa, North Carolina; Joe Hinshaw.
Sweet crab, <i>Malus coronaria</i> (L.) Mill. (1965)	4'	27'	28'	82	Wayne County, Ohio; John Aughanbaugh.
ARBORVITAE					
Oriental, <i>Thuja orientalis</i> L.	8'4"	59'	14'	163	Harford County, Maryland.
ARAUCARIA					
*Cunningham (Hoop Pine) <i>Araucaria cunninghamii</i> Ait. ex Lamb. (1961)	15'9"	120'	—	—	Board of Agriculture and Forestry Grounds, Honolulu, Hawaii; Edgar Linton.
ASH					
Berlandier, <i>Fraxinus berlandierana</i> A.DC. (1974)	16'2"	44'	40'	248	Alamo, Texas; Wayne Shifflet.
Black, <i>Fraxinus nigra</i> Marsh. (1969)	15'3"	87'	60'	285	Bath, Ohio; Dale Digrys.
Blue, <i>Fraxinus quadrangulata</i> Michx. (Co-Champion) (1970)	14'4"	86'	71'	276	Danville, Kentucky; H. Anthony Gaw and Edwin Listerman.
Blue, <i>Fraxinus quadrangulata</i> Michx. (Co-Champion)	13'1"	104'	64'	277	Brownsville, Indiana; Ron Linville.
Carolina, <i>Fraxinus caroliniana</i> Mill. (1981)	2'10"	58'	35'	101	Congaree Swamp National Monument, South Carolina; L.L. Gaddy.
Green, <i>Fraxinus pennsylvanica</i> Marsh. (1981)	20'2"	131'	121'	403	Cass County, Michigan; Paul Thompson and R.A. Meisterheim.
Lowell, <i>Fraxinus anomala</i> var. <i>lowellii</i> (Sarg.) Little (1974)	3'11"	50'	16'	101	Coconino National Forest, Arizona; Robert Abraham.
Oregon, <i>Fraxinus latifolia</i> Benth. (1975)	21'11"	59'	45'	333	Sauvie Island, Portland, Oregon; Eldon Boge and Robert Heilman.
Pumpkin, <i>Fraxinus profunda</i> (Bush) Bush (1977)	18'3"	86'	84'	326	Warrenton, Virginia; Richard Salzer.
Singleleaf, <i>Fraxinus anomala</i> Torr. ex. Wats. (1973)	1'7"	24'	23'	49	West Creek, Mesa County, Colorado; Gilbert Fechner.

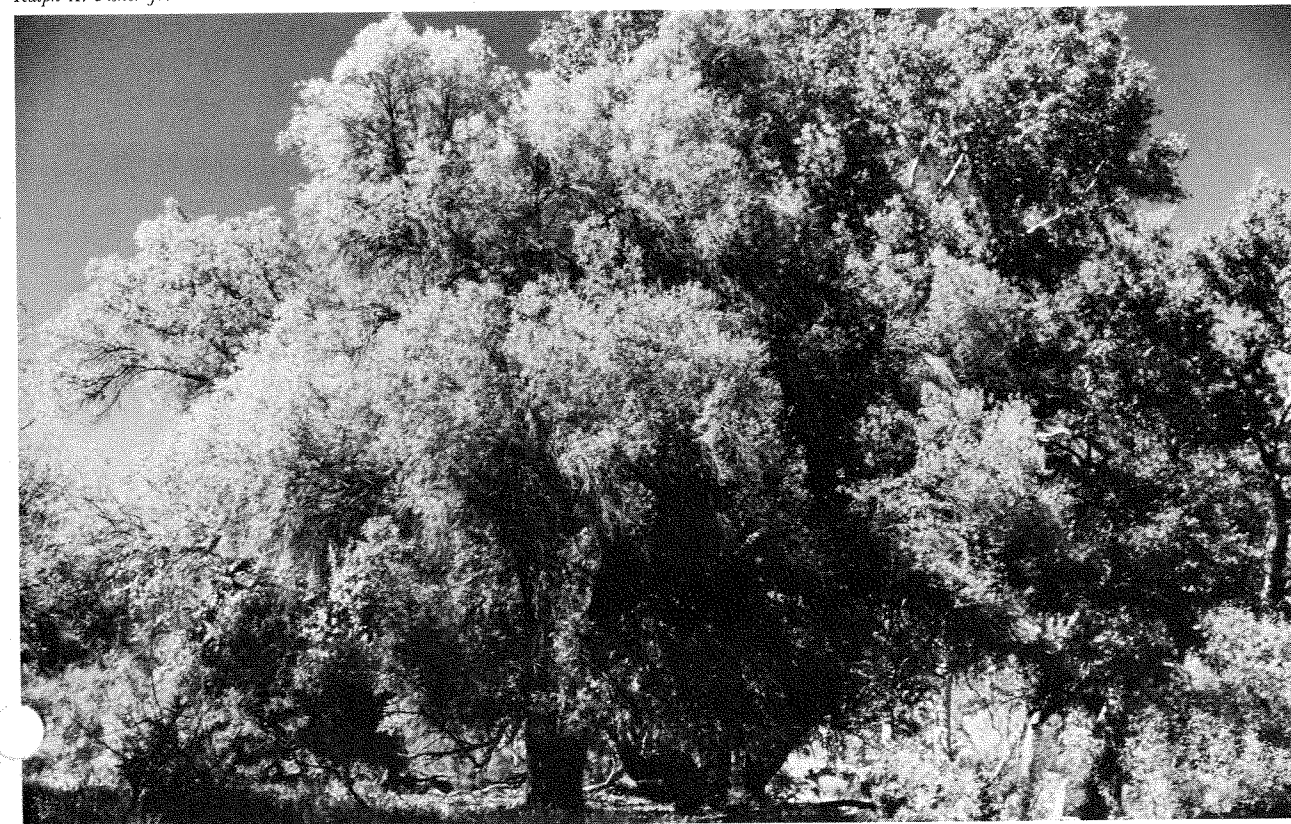
*Introduced

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Texas, <i>Fraxinus texensis</i> (A.Gray) Sarg. (1972)	4'5"	39'	34'	101	Vanderpool, Texas; John Haislet.
Velvet, <i>Fraxinus velutina</i> Torr. (1981)	11'6"	73'	61'5"	226	Grant County, New Mexico; Ralph A. Fisher Jr.
White, <i>Fraxinus americana</i> L. (Co-Champion) (1976)	20'5"	114'	126'	391	Lenawee County, Michigan; Harold Nett.
White, <i>Fraxinus americana</i> L. (Co-Champion) (1976)	24'	80'	82'	389	Glenn Mills, Pennsylvania; S.G. Baldwin.
ASPEN					
Bigtooth, <i>Populus grandidentata</i> Michx. (1979)	10'2"	92'	72'	232	Rocky, Maryland; Fred Besley.
Quaking, <i>Populus tremuloides</i> Michx. (Co-Champion) (1976)	9'	109'	80'	237	Porcupine Mountains, Ontonagon, Michigan; Harold Nett.
Quaking, <i>Populus tremuloides</i> Michx. (Co-Champion) (1974)	11'8"	86'	37'	235	Fort Klamath, Oregon; Butch Holcomb and Maynard C. Dawson.
AVOCADO					
<i>Persea americana</i> Mill. (1980)	2'11"	28'	24'	69	Victoria, Texas; Bob Curtis.
BACCHARIS					
Eastern, <i>Baccharis halimifolia</i> L. (1970)	1'4"	21'	20'	42	North of Nahunta, Georgia; Paul Thompson.
BALDCYPRESS					
Common, <i>Taxodium distichum</i> (L.) Rich. (1981)	53'8"	83'	85'	748	Cat Island, Louisiana; Jeff Hunt and Desmond Clapp.
*Montezuma, <i>Taxodium mucronatum</i> Ten. (1967)	17'1"	75'	59'	292	Wainaku, Hawaii; L.W. Bryan.
BASSWOOD					
American, <i>Tilia amerciana</i> L. (1971)	22'3"	115'	76'	401	Grand Traverse County, Michigan; A. J. Hodge.
Carolina, <i>Tilia caroliniana</i> Mill. (1980)	9'2"	92'	50'	215	Leakey, Texas; Mrs. F.D. Arthur.
White, <i>Telia heterophylla</i> Vent. (1972)	15'4"	58'	77'	261	Monticello, Georgia; Ken Allen.
BAYBERRY					
Pacific, <i>Myrica californica</i> Cham. (1972)	4'4"	38'	34'	99	Siuslaw National Forest, Oregon; Richard Spray
Southern, <i>Myrica cerifera</i> L. (1978)	3'	28'	33'	72	Bradenton, Florida; Eldridge Carnes and Ted Gallo.

*Introduced

Velvet Ash, Grant County, NM

Ralph A. Fisher Jr.



Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
BEECH					
American, <i>Fagus grandifolia</i> Ehrh. (1976)	13'11"	161'	105'	354	North of Three Oaks, Berrien County, Michigan; Paul Thompson.
BIRCH					
Gray, <i>Betula populifolia</i> Marsh.	7'3"	62'	51'	162	Annapolis, Maryland.
Mountain Paper, <i>Betula papyrifera</i> var. <i>cordifolia</i> (Reg.) Fern. (1973)	6'11"	78'	70'	179	Glenn Haven, Sleeping Bear Dunes, Michigan; Paul Thompson.
Northwestern Paper, <i>Betula papyrifera</i> var. <i>subcordata</i> (Rydb.) Sarg. (Co-Champion) (1975)	3'10"	66'	30'	120	Minam River, Oregon; Frank Sesock.
Northwestern Paper, <i>Betula papyrifera</i> var. <i>subcordata</i> (Rydb.) Sarg. (Co-Champion) (1970)	3'10"	65'	32'	119	Hell's Canyon Damsite, Adams County, Idaho; Fred-eric Johnson.
Paper (typical), <i>Betula papyrifera</i> var. <i>papyrifera</i> Marsh. (1972)	18'1"	96'	83'	334	Hartford, Maine; Wilbur Libby.
River, <i>Betula nigra</i> L.	14'9"	92'	84'	290	Anne Arundel County, Maryland; Neil Merkle.
Sweet, <i>Betula lenta</i> L. (1961)	15'2"	70'	87'	274	New Boston, New Hampshire; Phillip and David Allan.
Virginia Roundleaf, <i>Betula uber</i> (Ashe) Fern. (1978)	2'4"	49'	15'	81	Jefferson National Forest, Virginia; Paul Shrauder.
Water, <i>Betula occidentalis</i> Hook. (1973)	9'3" (at 3')	53'	42'	175	Wallowa County, Oregon; Maynard C. Dawson.
Western Paper, <i>Betula papyrifera</i> var. <i>commutata</i> (Reg.) Fern. (1977)	11'3"	50'	45'	196	Bellingham, Washington; Hugh Paradise.
Yellow, <i>Betula alleghaniensis</i> Britton (Co-Champion) (1973)	14'10"	114'	101'	317	Mackinac County, South of Gould City, Michigan; William Mahalak.
Yellow, <i>Betula alleghaniensis</i> Britton (Co-Champion) (1978)	15'7"	107'	86'	316	Huron Mountain Club, Michigan; Paul Thompson.
BLACKBEARD					
Catclaw, <i>Pithecellobium unguis-cati</i> (L.) Benth. (1976)	10'2"	88'	63'	226	Camino Real, Sarasota, Florida; Steve Spezia.
Ebony (Texas) <i>Pithecellobium flexicaule</i> (Benth.) Coult. (Co-Champion) (1981)	8'11"	56'	58'	178	Santa Ana National Wildlife Refuge, Texas; Mark Rouw.
Ebony (Texas) <i>Pithecellobium flexicaule</i> (Benth.) Coult. (Co-Champion) (1981)	9'9" (at 2')	43'	58'	175	Santa Ana National Wildlife Refuge, Texas; Mark Rouw.
BLACKHAW					
<i>Viburnum prunifolium</i> L. (1966)	3'3"	29'	30'	76	Franklin County, Pennsylvania; John Aughanbaugh.
Rusty, <i>Viburnum rufidulum</i> Raf. (1961)	3'11"	25'	30'	80	Hempstead County, Arkansas; Dwight Moore.

Rio Grande Cottonwood, Aztec, NM (Challenger)

Terry Wildermuth



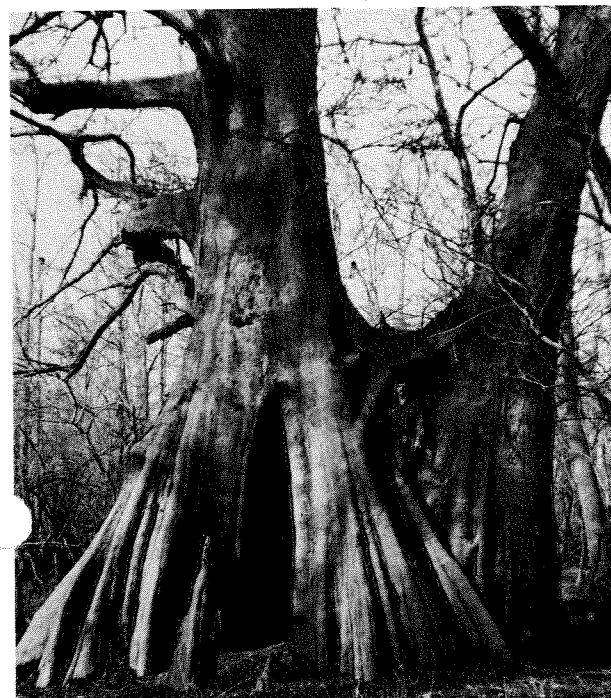
Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
BLACK MANGROVE					
<i>Avicennia germinans</i> (L.) L. (1975)	7'2"	61'	42'	158	Everglades National Park, Florida; Clifford Shaw, Randy Cooley, and Fred Whitehead.
BLADDERNUT					
American, <i>Staphylea trifolia</i> L. (1972)	1'7"	36'	37'	64	Macomb County, Michigan; Harold Nett and Paul Thompson.
BLOLLY					
Longleaf, <i>Guapira discolor</i> (Spreng.) Little (1975)	4'7"	48'	14'	107	Lignumvitae Key State Park, Florida; Charlotte Nied-hauk.
BLUEBLOSSOM (Blue-myrtle)					
<i>Ceanothus thrysiflorus</i> Eschsch. (1976)	2'8"	41'	20'	78	Curry County, Oregon; Frank Sesock.
BLUEWOOD					
<i>Condalia hooker</i> , M.C. Johnst. (1974)	4'6"	32'	26'	93	Alamo, Hildalgo County, Texas; Wayne Shifflet and Terry Fears.
BOXELDER					
<i>Acer negundo</i> L. (1976)	16'11"	110'	120'	343	Lenawee County, Michigan; Harold Nett and Paul Thompson.
BUCKEYE					
California, <i>Aesculus californica</i> (Spach) Nutt. (1972)	14'6" (at 3')	48'	78'	242	Rossmoor, Walnut Creek, California; Richard Wilson.
Ohio, <i>Aesculus glabra</i> Willd. (1973)	11'11"	146'	54'	303	Liberty, Kentucky; Max Leach and Danny Helm.
Painted, <i>Aesculus sylvatica</i> Bartr. (1972)	13'3"	144'	61'	315	Chattahoochee National Forest, Georgia; L.A. Rich and Coylton Bryson.
Red, <i>Aesculus pavia</i> L. (1981)	3'9"	35'	33'	88	Georgetown County, South Carolina; Gurdon L. Tar-box.
Texas, <i>Aesculus glabra</i> var. <i>arguta</i> (Buckl.) Robins. (1980)	23"	32'	22'	61	Rochester Park, Dallas, Texas; Edward C. Fritz.
Yellow, <i>Aesculus octandra</i> Marsh. (1973)	12'10"	140'	54'	308	Bowers Creek, Kentucky; Russell Hirschman.
BUCKTHORN					
California, <i>Rhamnus californica</i> Eschsch. (1976)	2'	30'	25'	60	Sunol Regional Park, Alameda County, California; E. Lagel.
Carolina, <i>Rhamnus caroliniana</i> Walt. (Co-Champion) (1974)	3'5"	27'	23'	74	Middleburg, Virginia; Richard Salzer.
Carolina, <i>Rhamnus caroliniana</i> Walt. (Co-Champion) (1974)	1'9"	46'	21'	72	Norris Dam State Park, Tennessee; Frank Podriznik and James Hiser.
Cascara, <i>Rhamnus purshiana</i> DC. (Co-Champion) (1977)	8'3" (at 29")	35'	54'	148	North Bend, Coos County, Oregon; Vernon Ellis.
Cascara, <i>Rhamnus purshiana</i> DC. (Co-Champion) (1977)	8'3"	37'	50'	149	Seaside, Oregon; Steven Ferguson.
Cascara, <i>Rhamnus purshiana</i> DC. (Co-Champion) (1980)	9'1"	27'	43'	147	Siuslaw National Forest, Oregon; Ray Cross.
*European, <i>Rhamnus cathartica</i> L. (1972)	3'9"	61'	65'	122	Ann Arbor, Michigan; Dennis Jones, and Paul Thomp-son.
*Glossy, <i>Rhamnus frangula</i> L. (1976)	1'1"	34'	19'	52	Oakland County, Bloomfield Hills, Michigan; Paul Thompson.
Hollyleaf, <i>Rhamnus crocea</i> Nutt. (1976)	5'1" (at 1')	22'	20'	88	Greenfield, California; Frank Sesock.
BUCKWHEAT-TREE					
<i>Cliftonia monophylla</i> (Lam.) Britton ex Sarg. (1967)	5'6"	30'	21'	101	Crooked Creek, Florida; Hugh White and Johnny Mac-Brown.
<i>Cliftonia monophylla</i> (Lam.) Britton ex Sarg. (1981)	49"	44'	31'	101	Washington County, Florida; Charles R. Reeves.
BUCIDA					
Oxhorn, <i>Bucida buceras</i> L. (1968)	7'5"	47'	66'	153	Miami, Florida; Elbert Schory.
*Introduced					

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
BUFFALOBERRY					
Silver, <i>Shepherdia argentea</i> (Pursh) Nutt. (1975)	6'6" (at 1')	22'	20'	105	Malheur County, Oregon; Frank Sesock.
BUMELIA					
Buckthorn, <i>Bumelia lycioides</i> (L.) Pers. (1981)	1'4"	35'	11'	54	Georgetown County, South Carolina; George Askew and Don Lipscomb.
Gum, <i>Bumelia lanuginosa</i> (Michx) Pers. (1977)	6'11"	80'	66'	180	Robertson County, Texas; E.G. Marsh.
Saffron-plum, <i>Bumelia celastrina</i> H.B.K. (1979)	2'3"	23'	17'	59	Cactus Hammock, Big Pine Key, Florida; Robert Simons.
Tough, <i>Bumelia tenax</i> (L.) Willd. (Co-Champion) (1974)	2'10" (at 3'3")	26'	28'	67	Charlestown County, South Carolina; Richard D. Porcher and W. Bruce Ezell.
Tough, <i>Bumelia tenax</i> (L.) Willd. (Co-Champion) (1974)	2'4"	38'	22'	72	Rollins Sanctuary State Preserve, Jacksonville, Florida; Robert Simons.
BUSTIC					
Willow, <i>Dipholis salicifolia</i> (L.) A.DC. (1975)	4'	44'	23'	98	Simpson Park, Miami, Florida; Clifford Shaw and Ralph Beaudry.
BUTTERBOUGH					
<i>Exothea paniculata</i> (Juss.) Radlk. (1975)	4'4"	45'	31'	105	Biscayne National Monument, Homestead, Florida; Clifford Shaw and James Tilmant.
BUTTERNUT					
(White Walnut) <i>Juglans cinerea</i> L. (1973)	20'8"	102'	90'	373	Portland, Oregon; Mrs. John McClintock.
BUTTONBUSH					
<i>Cephalanthus occidentalis</i> L. (1977)	4'1"	23'	22'	78	Near High Springs, Florida; Robert Simons.
BUTTON-MANGROVE					
<i>Conocarpus erectus</i> L. (1974)	10'7"	52'	67'	196	Palm Beach, Florida; Kenneth Van der Hulse.
CAJEPUT-TREE					
* <i>Melaleuca quinquenervia</i> (cav.) S.T. Blake (1975)	13'7"	66'	38'	239	Sarasota, Florida; Harold Nett.
CALIFORNIA-LAUREL					
<i>Umbellularia californica</i> (Hook. & Arn.) Nutt. (1978)	41'9"	88'	70'	607	South Bank Rouge River, Oregon; Ken Bigelow.
CAMPHOR-TREE					
* <i>Cinnamomum camphora</i> (L.) Sieb. (1977)	30'8"	72'	102'	466	Hardee County, Florida; Steve Spezia and Bill Schilling.
CANELLA					
<i>Canella winterana</i> (L.) Gaertn. (1975)	1'7"	29'	18'	53	Biscayne National Monument, Homestead, Florida; Clifford Shaw and James Tilmant.
CANOTIA					
<i>Canotia holacantha</i> Torr. (1977)	2'3"	16'	10'	46	Northeast of Globe, Arizona; Frank Sesock.
CASUARINA					
*Horsetail, <i>Casuarina equisetifolia</i> L. (1968)	17'3"	89'	56'	310	Olowalo, Island of Maui, Hawaii; L.W. Bryan.
CATALPA					
Northern, <i>Catalpa speciosa</i> Warder ex. Engelm. (1972)	18'10"	94'	85'	340	State Capitol Grounds, Lansing, Michigan; Paul Thompson.
Southern, <i>Catalpa bignonioides</i> Walt. (1981)	22'2"	80'	60'	361	Henderson County, Illinois; Mrs. Lowell Clover.
CEDAR					
Alaska, <i>Chamaecyparis nootkatensis</i> (D. Don) Spach (1979)	37'8½"	120'	27'	579	Olympic National Park, Washington; Robert L. Wood and John Aho.
Atlantic white, <i>Chamaecyparis thyoides</i> (L.) B.S.P. (1961)	15'6"	87'	—	—	Brewton, Alabama; Tom Kelly.
Eastern Redcedar <i>Juniperus virginiana</i> L. (1972)	12'1"	81'	58'	251	Jasper County, Texas; Leo Rawls and J. Bradshaw.
Incense, <i>Libocedrus decurrens</i> Torr. (1972)	38'6"	152'	49'	626	Marble Mountain's Wilderness, California; Jack Herr, Dave McHardy and Dave Wright.

*Introduced

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Northern White, <i>Thuja occidentalis</i> L. (1972)	18'	113'	42'	340	Leelanau County, Michigan; Paul Thompson.
Port-Orford, <i>Chamaecyparis lawsoniana</i> (A. Murr.) Parl. (1972)	37'7"	219'	39'	680	Siskiyou National Forest, Coos County, Oregon; Donald Denniston.
Southern Redcedar, <i>Juniperus silicicola</i> (Small) Bailey (1976)	14'10"	70'	57'	262	Archer, Florida; Robert Simons and Bill Russell.
Western Redcedar, <i>Thuja plicata</i> Donn. ex D. Don (1977)	61'	178'	54'	924	South of Forks, Washington; Ken Hoover.
CERCOCARPUS					
Birchleaf, <i>Cercocarpus betuloides</i> Nutt. (1972)	3'8"	34'	29'	85	Central Point, Oregon; Frank Sesock.
Curlleaf, <i>Cercocarpus ledifolius</i> Nutt. (1974)	13' (at 18")	26'	67'	199	Humboldt National Forest, Baker, Nevada; S.D. Warner.
CHASTETREE					
Common, <i>Vitex agnus-castus</i> L. (1981)	1'4"	20'	20'	41	Spartanburg County, South Carolina; Roland E. Schoenike.
CHERRY					
Bitter, <i>Prunus emarginata</i> Dougl. ex Eaton (1975)	9'5"	62'	56'	189	Near Gardiner, Oregon; John Perry.
Black, <i>Prunus serotina</i> Ehrh. (1980)	14'4"	132'	126'	346	Washtenow County, Michigan; Paul Thompson.
Catalina, <i>Prunus lyonii</i> (Eastw.) Sarg. (1978)	4' (at 1')	28'	26'	83	Sacramento, Virginia; Brian Barrette and Mark Stanley.
Chokecherry, Common, <i>Prunus virginiana</i> L. (1972)	5'5"	66'	56'	145	Ada, Michigan; Paul Thompson.
Chokecherry, Western, <i>Prunus virginiana</i> var. <i>melanocarpa</i> (A. Nels.) Sarg. (1972)	3'10"	39'	33'	93	Taylor Mountain, Idaho; Frederic Johnson and Grant Baugh.
Escarpment, <i>Prunus serotina</i> var. <i>eximia</i> (Small) Little (1971)	5'4"	43'	36'	116	Comal County, Near Fischer, Texas; Frank Love.
Hollyleaf, <i>Prunus ilicifolia</i> (Nutt. ex Hook. & Arn.) D. Dietr. (1974)	2'1"	24'	20'	54	Alameda County, California; Mr. and Mrs. E. Lagel.
*Mahaleb, <i>Prunus mahaleb</i> L. (1966)	6'1"	30'	50'	116	Dayton, Ohio; Larry Morse.
Mazzard, <i>Prunus avium</i> (L.) L. (1971)	19'8"	66'	62'	318	Glen Mills, Pennsylvania; J.T. McNeil and M.F. McLenigan.
Pin, <i>Prunus pensylvanica</i> L.f. (1975)	5'9"	90'	14'	163	Great Smoky Mountains National Park, Tennessee; R.L. Hay.
*Sour, <i>Prunus cerasus</i> L. (1972)	9'11"	68'	75'	206	Calhoun County, Michigan; Paul Thompson.
*Introduced					

Common Baldcypress, Cat Island, LA



Cherrybark Oak, Perquimans County, NC



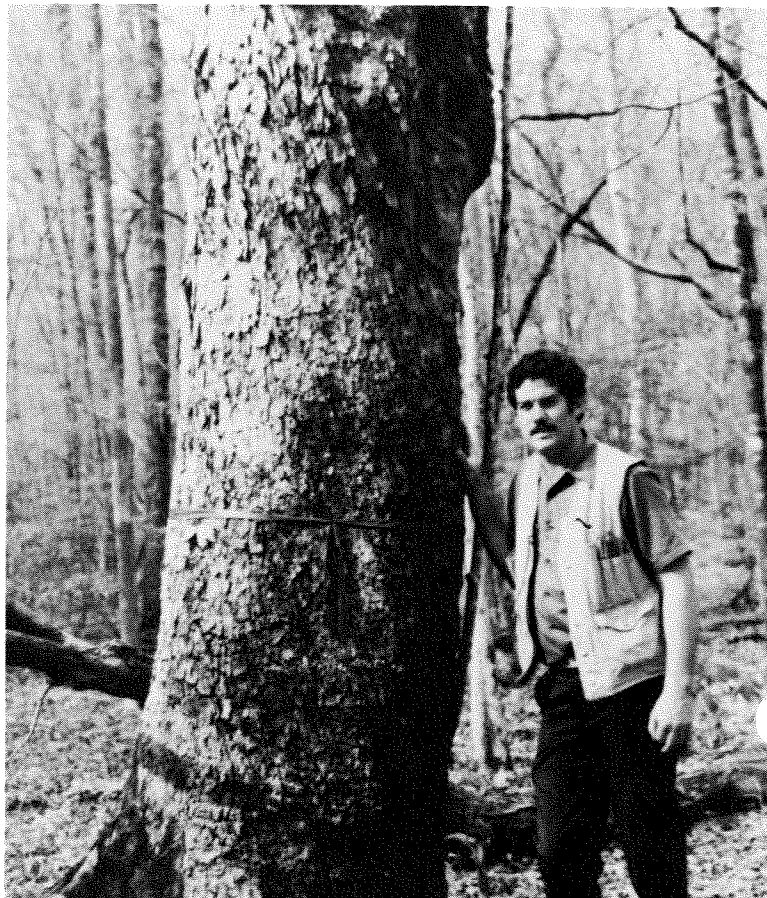
Ken Taylor

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
CHESTNUT					
American, <i>Castanea dentata</i> (Marsh.) Borkh. (1979)	19'9"	82'	93'	342	Oregon City, Oregon; Donald Austen.
CHINABERRY					
* <i>Melia azedarach</i> L. (1967)	18'6"	75'	96'	321	Koahe, South Kuona, Hawaii; L.W. Bryan.
CHINKAPIN					
Allegheny, <i>Castanea pumila</i> Mill. (Co-Champion) (1974)	8'6"	41'	40'	153	Daingerfield State Park, Texas; Melvin Van Norman.
Allegheny, <i>Castanea pumila</i> Mill. (Co-Champion) (1972)	7'10"	42'	58'	151	Polk County, North of Onalaska, Texas; James Joyner.
Florida, <i>Castanea alnifolia</i> Nutt. (1961)	6'2"	50'	30'	132	Hempstead County, South of Saratoga, Arkansas; Dwight Moore.
Giant, <i>Castanopsis chrysophylla</i> (Dougl.) A. DC. (1978)	11'9.7"	75'	44'	228	Cottage Grove, Oregon; John Woolcott.
Ozark, <i>Castanea ozarkensis</i> Ashe (1961)	13'2"	50'	40'	218	Washington County, Arkansas; Dwight Moore.
CHRISTMASBERRY (TOYON)					
<i>Heteromeles arbutifolia</i> (Lindl.) M.J. Roem (1975)	3'2"	36'	25'	80	Sunol Valley Regional Park, California; Mr. and Mrs. E. Lagel.
CLETHRA					
Cinnamon, <i>Clethra acuminata</i> Michx. (1972)	8"	22'	9'	32	Walholla, South Carolina; R.E. Schoenike.
CLUSIA					
Florida, <i>Clusia rosea</i> Jacq. (1980)	2'8"	34'	28'	73	Stuart, Florida; John and Melissa Shannon.
COCONUT					
<i>Cocos nucifera</i> L. (1979)	5'	92'5"	27'10"	159	Hilo, Hawaii; Jane and Bryce Robinson.
*Introduced					



Chalk Maple, Pickens County, SC

Florida Maple, Sumter County, AL



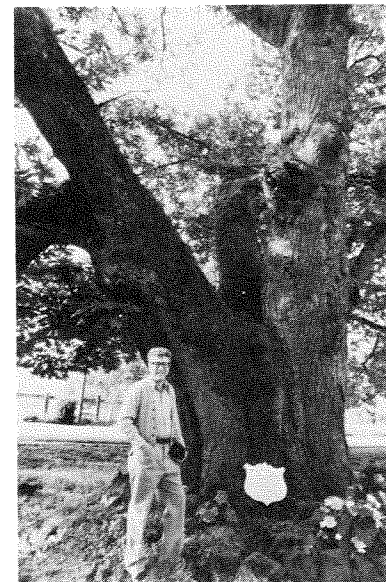
Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
COFFEETREE					
Kentucky, <i>Gymnocladus dioicus</i> (L.) K. Koch (Co-Champion) (1976)	13'3"	110'	108'	296	Van Buren County, Hartford, Michigan; Paul Thompson.
Kentucky, <i>Gymnocladus dioicus</i> (L.) K. Koch (Co-Champion) (1976)	14'6"	101'	74'	294	Bryn Mawr, Pennsylvania; H. Sheridan Baketel Jr.
Kentucky, <i>Gymnocladus dioicus</i> (L.) K. Koch (Co-Champion) (1973)	15'6"	82'	75'	287	Lake County, East of Madison, Ohio; Ohio Forestry Association.
COTTONWOOD					
Black, <i>Populus trichocarpa</i> Torr. & Gray ex Hook. (1981)	26'6"	148'	70'	484	Rainbow Falls State Park, Oregon; Maynard C. Drawson and Leroy Justice.
Eastern, <i>Populus deltoides</i> Bartr ex. Marsh. (1979)	34'1"	78'	126'	519	Tama County, Iowa; Mrs. Frank Behounek.
Fremont, <i>Populus fremontii</i> S. Wats. var. <i>fremontii</i> (1970)	34'10"	94'	103'	538	Near Patagonia, Arizona; Don Richard.
Narrowleaf, <i>Populus angustifolia</i> James (1973)	26'2"	79'	80'	413	Malheur County, Oregon; Donald Oakes.
Plains, <i>Populus deltoides</i> var. <i>occidentalis</i> Rydb. (1972)	(at 2½') 36'	105'	93'	560	Near Hygiene, Colorado; Allegra Collister.
Rio Grande, <i>Populus fremontii</i> var. <i>wislizenii</i> S. Wats. (1976)	28'6"	110'	127'	484	Near Fort Davis, Texas; Steve Runnels.
Swamp, <i>Populus heterophylla</i> L. (1973)	19'10"	116'	70'	372	Franklin County, Ohio; Ohio Forestry Association.
CRANBERRY BUSH (see VIBURNUM)					
CUPANIA					
Florida, <i>Cupania glabra</i> Sw. (1976)	1'7"	27'	17'	50	Monroe County, Florida; Clifford Shaw and George Avery.
CUCUMBERTREE (see MAGNOLIA)					
CYPRESS					
Arizona (Typical or Rough), <i>Cupressus arizonica</i> Greene var. <i>arizonica</i> (1977)	18'10"	73'	40'	309	Mt. Lemmon, Arizona; Frank Sesock.
Baker, <i>Cupressus bakeri</i> Jeps. (1976)	10'9"	129'	29'	265	Rogue River National Forest, Oregon; Frank Sesock.
Cuyamaca, <i>Cupressus arizonica</i> Little var. <i>stephensonii</i> C.B. Wolf (1976)	5'10"	37'	28'	114	Cleveland National Forest, California; Frank Sesock.
MacNab, <i>Cupressus macnabiana</i> A. Murr. (1981)	12'11"	55'	45'	221	Near River Pines in Amador County, California; Frank T. Sesock.
Mendocino, <i>Cupressus goveniana</i> var. <i>pigmaea</i> Lemm. (1976)	(at 2'3") 14'8"	96'	55'	286	Mendocino County, California; Frank Sesock.
*Monterey, <i>Cupressus macrocarpa</i> Hartw. (1975)	27'9"	97'	106'	457	Brookings, Oregon; Frank Sesock.
Piute, <i>Cupressus arizonica</i> var. <i>nevadensis</i> (Abrams) Little (Co-Champion) (1976)	9'7"	45'	30'	168	Sequoia National Forest, California; Frank Sesock.
Piute, <i>Cupressus arizonica</i> var. <i>nevadensis</i> (Abrams) Little (Co-Champion) (1976)	10'4"	32'	40'	166	Sequoia National Forest, California; Frank Sesock.
Santa Cruz, <i>Cupressus goveniana</i> var. <i>abramsiana</i> (C.B. Wolf) Little (1977)	15'	75'	60'	270	Near Bonny Doon, California; Frank Sesock.
Sargent, <i>Cupressus sargentii</i> Jeps. (Co-Champion) (1980)	(at 2') 9'4"	96'	35'	217	Marin County, California; Richard H. May and Thomas H. Harris.
Sargent, <i>Cupressus sargentii</i> Jeps. (Co-Champion) (1980)	10'2"	85'	30'	215	Marin County, California; Richard H. May and Thomas H. Harris.
Smooth Arizona, <i>Cupressus arizonica</i> var. <i>glabra</i> (Sudw.) (1976)	12'4"	83'	42'	241	Medford, Oregon; Frank Sesock.
Tecate, <i>Cupressus guadalupensis</i> var. <i>forbesii</i> (Jeps.) Little (1976)	7'4"	47'	38'	145	San Diego County, California; Frank Sesock.
CYRILLA (see SWAMP CYRILLA)					
CYPRESS-PINE					
Blue, <i>Callitris hugelii</i> (Corr.) Franco (1975)	15'6"	57'	58'	258	Bradenton, Florida; Steven Spezia.
HOON					
<i>Ilex cassine</i> L. (1975)	2'10"	72'	22'	112	Osceola National Forest, Florida; Robert Simons.
Myrtle, <i>Ilex myrtifolia</i> Walt. (1972)	5'7"	46'	35'	122	Bradford County, Florida; Nelson Blocker.
*Introduced					

Species and Year of Most Recent Measurement	Circumference at 4 1/2 feet	Height	Spread	Total Points	Location of Tree & Nominator
DARLING-PLUM <i>Reynosia septentrionalis</i> Urban (1975)	1'5"	40'	11'	60	Key State Park, Florida; Charlotte Niedhauk.
DESERT-WILLOW <i>Chilopsis linearis</i> (Cav.) Sweet (1976)	11'10"	56'	48'	210	Gila County, Arizona; Mitchell Holder.
DEVILS-WALKINGSTICK <i>Aralia spinosa</i> L. (1976)	1'11"	51'	16'	78	San Felasco Hammock State Preserve, Florida; Robert Simons.
DEVILWOOD <i>Osmanthus americanus</i> (L. Benth. & Hook. f. ex Gray) (1972)	5'6"	37'	41'	113	Near Mayo, Lafayette County, Florida; Thomas Hunt.
DOGWOOD Alternate leaf, <i>Cornus alternifolia</i> L.f. (1972)	5'8"	30'	50'	111	Old Westbury, New York; George Peters.
Flowering, <i>Cornus florida</i> L. (Co-Champion) (1976)	4'7"	55'	56'	124	St. Joseph County, Michigan; P. Cowles.
Flowering, <i>Cornus florida</i> L. (Co-Champion) (1971)	5'1"	51'	43'	123	Macley Gardens State Park, Florida; James Stevenson.
Pacific, <i>Cornus nuttallii</i> Audubon (1975)	10'9"	50'	50'	192	Near Clatskanie, Oregon; John E. Makela.
Panicked, <i>Cornus racemosa</i> Lam. (1975)	1'6"	38'	24'	62	Birmingham, Michigan; Paul Thompson.
Red-osier, <i>Cornus stolonifera</i> Michx. (1976)	10"	17'	18'	32	Frankfort, Michigan; A. Tesaker.
Roughleaf, <i>Cornus drummondii</i> C. A. Meyer (1972)	1'5"	31'	20'	53	Kansas City, Missouri; Kendall Laughlin.
Roundleaf, <i>Cornus rugosa</i> (1975)	11"	40'	16'	55	Leelanau County, Michigan; Paul Thompson.
Swamp, <i>Cornus stricta</i> Lam. (1981)	3"	12'	7'	17	Pickens County, South Carolina; Roland E. Schoenike.
DOUGLAS-FIR Bigcone, <i>Pseudotsuga macrocarpa</i> (Vasey) Mayr (1973)	22' (at 7')	145'	85'	430	"Old Glory". Angeles National Forest, California; William Maxwell.
Coast (typical), <i>Pseudotsuga menziesii</i> (Mirb.) Franco var. <i>menziesii</i> (1975)	45'5"	221'	61'	781	Olympic National Park, Washington; Preston Macy.
Rocky Mountain, <i>Pseudotsuga menziesii</i> var. <i>glauca</i> (Beissn.) Franco (1981)	24'7"	140'	50'	448	Deschutes National Forest, Oregon; William Shoppert.
DOVEPLUM (PIGEON-PLUM) <i>Coccoloba diversifolia</i> Jacq. (1965)	5'6"	45'	28'	118	Miami, Florida; Harold Nett.
ELDER American, <i>Sambucus canadensis</i> L. var. <i>canadensis</i> (1975)	1'10"	16'	20'	43	Shenandoah National Park, Virginia; Richard Salzer.
Blackbead, <i>Sambucus melanocarpa</i> Gray (1972)	3'3"	42'	30'	89	Columbia County, Oregon; Oliver Matthews.
Blue, <i>Sambucus cerulea</i> Raf. (1979)	11'5"	40'	36'	186	William State Park, California; Richard B. Marsh.
Florida, <i>Sambucus canadensis</i> var. <i>laciniata</i> Gray (1972)	2'10"	20'	14'	58	Gainesville, Florida; Lovett E. Williams.
Mexican, <i>Sambucus mexicana</i> Presl (1981)	9'	31'	32'	147	Grant County, New Mexico; John Egbert.
Pacific red, <i>Sambucus callicarpa</i> Greene (Co-Champion) (1980)	3'5"	31'	22'	78	Near Simmons Ranch Road, Oregon; Ron Simon.
Pacific red, <i>Sambucus callicarpa</i> Greene (Co-Champion) (1979)	4'9" (at 4')	30'	29'	94	Nesika Beach, Oregon; Dennis Rogers.
ELLIOTTIA <i>Elliottia racemosa</i> Muhl. ex Ell. (1977)	2'3"	50'	11'	80	Tattnall County, Georgia; Howard Miller and Bruce Beerbower.
ELM American, <i>Ulmus americana</i> L. (1978)	23'2"	99'	133'	410	East of Louisville, Kansas; Gary Naughton.
Cedar, <i>Ulmus crassifolia</i> Nutt. (1969)	15'11"	94'	70'	303	Bryan, Texas; E.G. Marsh Jr.
Florida, <i>Ulmus americana</i> var. <i>floridana</i> (Chapm.) Little (1971)	12'7"	68'	78'	239	Gainesville, Florida; Robert Simons.
Rock, <i>Ulmus thomasi</i> Sarg. (1976)	11'2"	99'	59'	248	Swope Park, Kansas City, Missouri; Kendall Laughlin.
September, <i>Ulmus serotina</i> Sarg. (1976)	8'2"	71'	70'	187	Monroe County, Michigan; Harold Nett.
*Siberian, <i>Ulmus pumila</i> L. (1976)	13'3"	120'	147'	316	Oakland County, Michigan; Harold Nett.
Slippery, <i>Ulmus rubra</i> Muhl. (1972)	19'11"	90'	80'	349	Perry County, Pennsylvania; Charles Schwartz.
Winged, <i>Ulmus alata</i> Michx. (1977)	11'1"	116'	56'	263	Torrey State Park, Florida; Robert Simons.

*Introduced

Species and Year of Most Recent Measurement	Circumference at 4 1/2 feet	Height	Spread	Total Points	Location of Tree & Nominator
FALSEMISTIC <i>Mastichodendron foetidissimum</i> (Jacq.) H.J. Lam (1975)	8'9"	70'	80'	195	Lignumvitae Key State Park, Florida; Charlotte Niedhauk.
FIDDLEWOOD Florida, <i>Citharexylum fruticosum</i> L. (1975)	2'2"	42'	20'	73	Snapper Creek Hammock, Florida, Clifford Shaw.
FIG Florida strangler, <i>Ficus aurea</i> Nutt. (1973)	24'	80'	76'	387	Old Cutler Hammock, Florida; Albert Hetzell and Ron Smith.
FIR Balsam, <i>Abies balsamea</i> (L.) Mill. (1962)	7'	116'	33'	208	Porcupine Mountains State Park, Michigan; Paul Thompson.
Bristlecone, <i>Abies bracteata</i> D. Don ex Poiteau (1976)	13'6"	182'	38'	354	Los Padres National Forest, Oregon, Frank Sesock and James Griffin.
California red, <i>Abies magnifica</i> var. <i>magnifica</i> A. Murr. (1972)	26'8"	180'	48'	512	Sierra National Forest, California; Herbert Kendall.
Corkbark, <i>Abies lasiocarpa</i> var. <i>arizonica</i> (Merriam) Lemm. (1972)	13'1"	95'	33'	260	Lincoln National Forest, New Mexico; Earl Aldon.
Fraser, <i>Abies fraseri</i> (Pursh) Poir. (1972)	8'10"	87'	52'	206	Cashiers, North Carolina; R.E. Schoenike.
Grand, <i>Abies grandis</i> (Dougl.) Lindl. (1973)	20'8"	231'	46'	491	Olympic National Park, Washington; Jack Erspamer.
Noble, <i>Abies procera</i> Rehd. (1972)	28'4"	278'	47'	630	Gifford Pinchot National Forest, Washington; Harold Coates and Robert Smith.

Championing the Champions



Big Tree protector Maynard Dawson with former National Champion American Chestnut

Locating a State or National Champion Big Tree is one thing, but protecting it from vandals, the woodcutter's ax, or a property developer's well-laid plans can be a problem. Recently, Maynard Dawson of Salem, Oregon, who has been an active Big Tree finder, author, and protector for more than a decade, revealed the secret of his success.

"Basically it's simple: personal contact. People care. They just need constant reminding.

"In one case, I zeroed in on the most prominent man in the area and took the time to show him the remote site of a record tree. Now this Champion has a keeper who watches over it as no one else can.

"In another case, a Champion is in a vacant lot with an absentee owner. Local awareness is the only protection the tree has. Ignorance of a tree's status has caused many losses. Whenever I'm in the area, I remind people that the tree is a Champion.

"I tell people about the Champions. A tree is safe as long as I continue to send people to see it. Also, I have a friend that I call on the phone to check on a Champion tree for me.

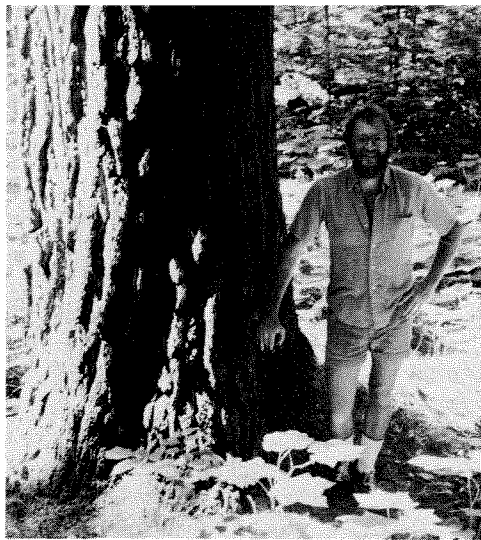
"On occasion, I visit a tree with the nominator or owner with camera in hand, and this keeps interest up. (Ed. note: Dawson is the author of a series of books on Treasures of the Oregon Country, each of which prominently features a well-illustrated section on big or historic trees.)

"Talking to groups constantly also gives me an opportunity to pinpoint trees that might need friends. The response is always warming. Basically, it's a matter of constant inquiries and visits to remind people that others care and are concerned about their noteworthy trees." —Kay Hartman

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Pacific Silver, <i>Abies amabilis</i> (Dougl.) Forbes (1972)	21'7"	206'	38'	475	Olympic National Park, Washington; Floyd Dickinson.
Shasta red, <i>Abies magnifica</i> var. <i>shastensis</i> Lemm. (1971)	27'1"	176'	41'	511	Near Horse Creek, California; Ray Johnston.
Subalpine, <i>Abies lasiocarpa</i> Nutt. var. <i>lasiocarpa</i> (Hook) (1972)	21'1"	129'	22'	388	Olympic National Park, Washington; Stephen Arno.
White, <i>Abies concolor</i> (Gord. & Glend.) Lindl. (1972)	27'11"	192'	35'	536	Meridan, California; R.W. Kirkpatrick.
FISHPOISON TREE					
Florida, <i>Piscidia piscipula</i> (L.) Sarg. (1975)	6'10"	50'	46'	144	Snapper Creek Hammock, Florida; Clifford Shaw.
FRANKLINIA					
Franklinia <i>alatomaha</i> Bartr. ex Marsh. (1968)	3'10" (at 3')	25'	30'	79	Wyndmoor, Pennsylvania; John Swartley.
FREMONTIA					
California, <i>Fremontodendron californicum</i> (Torr.) Cov. (1980)	3'4"	26'	21'	71	North Fork, California; Jack Dozier and Walter Puhn.
FRINGETREE					
Chionanthus <i>virginicus</i> L. (1977)	3'6"	24'	26'	73	Mount Vernon Estate, Virginia; Richard Salzer.
GUIANA-PLUM					
Drypetes <i>lateriflora</i> (Sw.) Krug & Urban (1976)	1'11"	31'	28'	61	Snapper Creek Hammock, Florida; Clifford Shaw.
GUMBO-LIMBO					
Bursera <i>simaruba</i> (L.) Sarg. (1973)	7'8"	50'	63'	158	Homestead, Florida; Albert Hetzell and Ron Smith.
HACKBERRY					
Common, <i>Celtis occidentalis</i> L. (1972)	19'7"	118'	104'	379	Allegan County, Michigan; Paul Thompson and G. Merren.
Georgia, <i>Celtis tenuifolia</i> Nutt. (1972)	7'7"	63'	65'	170	Augusta, Georgia; Ken Allen.
Lindheimer, <i>Celtis lindheimeri</i> Engelm. ex K. Koch (1975)	6'	43'	46'	127	Fisher, Texas; Frank Love.
Netleaf, <i>Celtis reticulata</i> Torr. (1971)	11'4"	74'	72'	228	Red Rock, New Mexico; Samuel Lamb.
HAWTHORN					
Beautiful, <i>Crataegus pulcherrima</i> Ashe (1968)	1'11"	44'	30'	75	Tallahassee, Florida; Malcolm Johnson.
Biltmore, <i>Crataegus intricata</i> Lange (1975)	4'	26'	26'	81	Shenandoah National Park, Virginia; Richard Salzer.
Black, <i>Crataegus douglasii</i> Lindl. (1973)	9'6"	33'	45'	158	Portland, Oregon; Frank Sesock.
Blueberry, <i>Crataegus brachyacantha</i> Sarg. & Engelm. (1973)	6'3"	36'	40'	121	Harrison County, Texas; Thomas Brantley.
Cockspur, <i>Crataegus crus-galli</i> L. (Co-Champion) (1981)	4'10"	38'	44'	107	Manassas, Virginia; Richard Salzer.
Cockspur, <i>Crataegus crus-galli</i> L. (Co-Champion) (1965)	6'2"	27'	37'	110	Wayne County, Ohio; John Aughanbaugh.
Columbia, <i>Crataegus columbiana</i> Howell (1975)	2'2" (at 2')	18'	12'	47	Wallowa County, Oregon; Frank Sesock.
Dotted, <i>Crataegus punctata</i> Jacq. (1979)	8'1"	38'	38'	145	Davis, West Virginia; Richard Salzer.
Downy, <i>Crataegus mollis</i> Scheele (1972)	8'9"	52'	62'	173	Grosse Ile, Wayne County, Michigan; Paul Thompson.
Fanleaf, <i>Crataegus flabellata</i> (Bosc.) K. Koch (1966)	1'11"	27'	15'	54	Schiller Woods, Chicago, Illinois; Kendall Laughlin.
Fleshy, <i>Crataegus succulenta</i> Schrad. (1971)	2'2"	42'	42'	79	Keweenaw County, Michigan; Paul Thompson.
Green, <i>Crataegus viridis</i> L. (1981)	5'1"	40'	45'	112	Pocohontas Co. Historical Museum, West Virginia; Richard Salzer.
Kansas, <i>Crataegus coccinioides</i> Ashe (1972)	2'10"	25'	30'	67	Botanic Garden, New York; George Peters.
May, <i>Crataegus aestivalis</i> (Watt.) Torr & Gray (1979)	2'6"	38'	33'	76	San Felasco Hammock, Florida; Robert Simons.
One-Flower, <i>Crataegus uniflora</i> Muenchh (1974)	2'1"	30'	19'	60	San Felasco Hammock, Florida; Robert Simons.
*Oneseed, <i>Crataegus monogyna</i> Jacq. (1976)	6'7"	43'	37'	131	Lakeview, Oregon; Frank Sesock.
Parsley, <i>Crataegus marshallii</i> Eggl. (1974)	1'4"	33'	23'	55	Gainesville, Florida; Robert Simons.
Pear, <i>Crataegus calpodendron</i> (Ehrh.) Medic. (1972)	1'1"	23'	13'	39	Harms Woods, Illinois; Kendall Laughlin.
Pensacola, <i>Crataegus lacrimata</i> Small (1972)	2'10"	21'	23'	61	Crestview, Florida; Mrs. R.L. Gade.
*Introduced					

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Scarlet, <i>Crataegus coccinea</i> L. (Co-Champion) (1980)	4'5"	37'	29'	97	Clinton, New York; Charles McFadden.
Scarlet, <i>Crataegus coccinea</i> L. (Co-Champion) (1967)	2'11"	50'	28'	92	Glenview, Illinois; Kendall Laughlin.
Washington, <i>Crataegus phaenopyrum</i> (L.F.) Medic (1965)	3'3"	24'	20'	68	Secrest Arboretum, Wooster, Ohio; John Aughanbaugh.
Yellow, <i>Crataegus flava</i> Ait. (1974)	3'3"	22'	30'	69	Gainesville, Florida; Robert Simons.
HAZELNUT					
California, <i>Corylus cornuta</i> var. <i>californica</i> (A.DC.) Sharp (1972)	1'9"	22'	20'	48	Siuslaw National Forest, Oregon; Frank Sesock.
HEMLOCK					
Carolina, <i>Tsuga caroliniana</i> Egelm. (1972)	11'7"	88'	54'	241	Burke County, North Carolina; James Maxwell.
Eastern, <i>Tsuga canadensis</i> (L.) (Co-Champion) Carr. (1972)	19'11"	100'	70'	357	Great Smoky Mountain National Park, Tennessee; S. Glidden Baldwin.
Eastern, <i>Tsuga canadensis</i> (L.) Carr (Co-Champion) (1979)	18'8"	123'	68'	364	Aurora, West Virginia; Richard Salzer.
Mountain, <i>Tsuga mertensiana</i> (Bong.) Carr. (1972)	23'1"	113'	44'	401	Alpine County, California; Allen Miller.
Western, <i>Tsuga heterophylla</i> (Raf.) Sarg. (Co-Champion) (1972)	27'4"	164'	62'	508	Olympic National Park, Washington; Preston Macy.
Western, <i>Tsuga heterophylla</i> (Raf.) Sarg. (Co-Champion) (1978)	25'5"	195'	50'	513	Near Tillamook, Oregon; Crown Zellerbach.
HERCULES-CLUB					
Zanthoxylum <i>clava-herculis</i> L. (1961)	7'6" (at 2')	38'	59'	143	Little Rock, Arkansas; Dwight Moore.
HIBISCUS					
Shrub Althea, <i>Hibiscus syriacus</i> L. (1981)	1'5"	15'	14.5'	36	Walhalla National Fish Hatchery, South Carolina; Roland E. Schoenike.
HICKORY					
Bitternut, <i>Carya cordiformis</i> (Wangenh.) K. Koch (1975)	14'4"	120'	81'	312	Springfield, Virginia; Richard Salzer.
Black, <i>Carya texana</i> , Buckl. (1980)	8'7"	135'	66'	255	Sabine County, Texas; Dr. William F. Mahler, A.G. Fant, Dennis Bagget, and Edward C. Fritz.
Carolina, <i>Carya ovata</i> var. <i>australis</i> (Ashe) Little (1981)	10'4"	127'	69'	268	Marlboro County, South Carolina; Edward R. Drayton III.
Mockernut, <i>Carya tomentosa</i> Nutt. (1971)	13'5"	110'	96'	295	Lakeland, Florida; R. U. Titus.
Nutmeg, <i>Carya myristiciformis</i> (Michx. f.) Nutt. (1980)	9'3"	115'	66'	243	Franklin County, Texas; Jim Yantis and Edward C. Fritz.
Pignut, <i>Carya glabra</i> (Mill.) Sweet var. <i>glabra</i> (1970)	15'3"	125'	87'	330	Near Brunswick, Georgia; David Everett.
Red, <i>Carya glabra</i> var. <i>odorata</i> (Marsh.) Little (1945)	13'4"	145'	45'	316	Near Speedwell, Tennessee; Keith Lange.
Sand, <i>Carya pallida</i> (Ashe) Engl. & Graebn. (1980)	11'1"	94'	86'	249	Vineland, New Jersey; Stephen R. Field and Adele R. Filippi.
Shagbark, <i>Carya ovata</i> (Mill.) K. Koch var. <i>ovata</i>	10'7"	151'	56'	292	Abbeville County, South Carolina; Claude J. Moody.
Shellbark, <i>Carya laciniosa</i> (Michx. f.) Loud. (1980)	12'1"	121'	74'	285	Near Tea, Missouri; Bob Aubuchon.
Shellbark, <i>Carya laciniosa</i> (Michx. f.) Loud. (Co-Champion) (1974)	10'11"	134'	52'	278	Near Griffin, Indiana; C.M. Terry.
Water, <i>Carya aquatica</i> (Michx.f.) Nutt. (1967)	22'2"	150'	87'	438	Near Blountstown, Florida; G.O. House.
HOLLY					
American, <i>Ilex opaca</i> Ait. (1969)	12'1"	51'	45'	207	St. Mary's College, Maryland; The Holly Society of America.
Carolina, <i>Ilex ambigua</i> (Michx.) Torr. (1971)	9"	17'	12'	29	Wildwood, Florida; F.C. Hester.
Gallberry, <i>Ilex coriacea</i> (Pursh) Chapm. (1973)	5"	17'	12'	25	Hardin County, Texas; Edward Fritz.
Tawnberry, <i>Ilex krugiana</i> Loes. (1973)	2'10"	55'	22'	95	Camp Owaissa, Bauer, Florida; Fran Young.
HONEYLOCUST					
<i>Gleditsia triacanthos</i> L. (1972)	17'	115'	124'	350	Wayne County, Grosse Ile, Michigan; C. Bowman and Paul Thompson.
Thornless, <i>Gleditsia triacanthos</i> var. <i>inermis</i> Castiglioni (1976)	12'4"	130'	106'	305	Wastenaw County, Michigan; D. Minick.
HOPHORNBEAM					
Eastern <i>Ostrya virginiana</i> (Mill.) K.Koch (1976)	9'4"	73'	88'	207	Monroe Center, Michigan; Avid Tesaker.

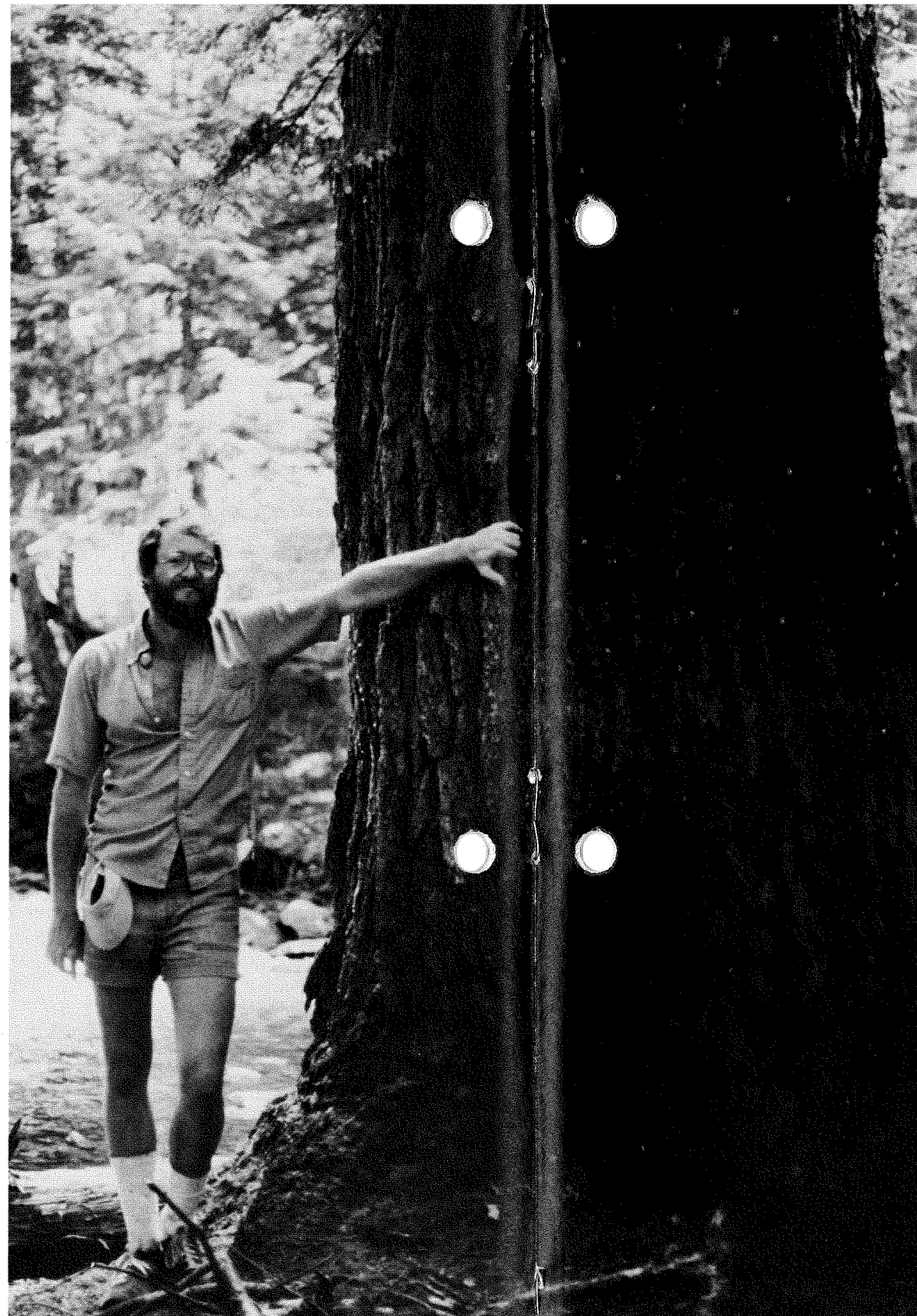
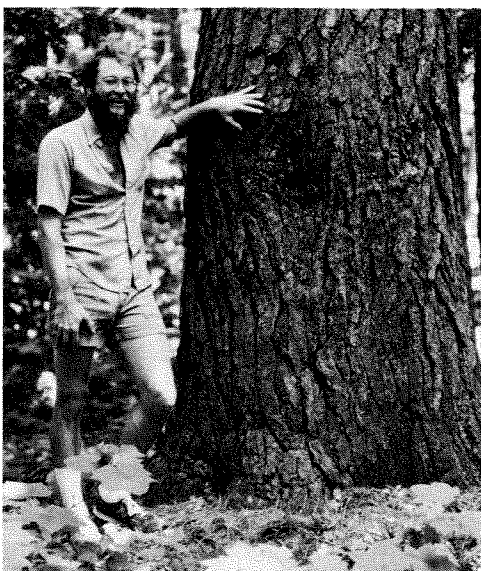
"I found it!"



"But, wait . . ."



"Here it is, for sure!"



"This definitely, absolutely, positively is it . . . I think . . ."

STALKING THE BIG TREE:

"This Is It!"

by Chad McGrath

Chad McGrath's pursuit of the Big Tree is interrupted only by his work as an administrator at the Norwood Health Center near Marshfield, WI.

DISCOVERING A CHAMPION TREE is a thrill. Finding it again can be a pain. Although not known for their stealth, trees can be very elusive. To publish a big-tree story, one needs to take some photographs of the subject. To do that, one must find the subject. While Marlin Perkins certainly confronts considerable hardship when trying to find exotic animals amid 400 square miles of tropical forest, finding a solitary tree in a forest is no mean task either. Ocelots, at least, make noise and leave calling cards on the forest floor.

This author set out with a friend one mosquito-infested July day to photograph the nation's largest eastern white pine (*Pinus strobus*). The park ranger had said it was just before the second river crossing along the Little Carp River trail. Its double leader would make it easy to find. Though the Porcupine Mountain State Park in Michigan's Upper Peninsula is noted for its wild ruggedness, I felt sure I could not fail, given these instructions and the park map. After all, it is an *enormous* tree. Exactly how big I could not remember, and once off hiking on its trail, I wasn't about to go back to the car to get my notes. I figured I couldn't miss.

Five miles later, my partner and I were quite pleased. There was the tree. It was big, along the trail, and not far from the second river crossover. Circumference: 155 inches. Pictures. Mission accomplished.

Oops! A few hundred feet down the trail, closer to the river crossing, was another big pine. It measured 178 inches. Even without an apparent double leader, this one had to be the champ—the circumference, plus the height, plus the spread added up to the "king" category.

Once across the river, a glance backward brought me up short. Towering over the canopy was yet another white pine, a big one. We returned and measured: 170 inches. But a few hundred feet to the west was yet another big one. A short walk, a glance up—double leader! This had to be it! The tape read 183 inches. More pictures and a small celebration. We had finally found the biggest white pine in the nation.

But we hadn't. About a half-mile farther, the trail crossed the river again. This was the third river crossing—the map only showed two. Soon we arrived at the fourth river crossing point, and there, guarding the river's south bank right next to the trail and quite obvious, was our giant. The tape showed 204 inches in circumference. The pine's enormous trunk split into two leaders at about 50 feet from the ground. The left trunk had broken off some years before, but the right still stood. The largest fungal growth I had ever seen hung like a Japanese lantern from near the crotch of the two trunks. A bizarre touch and a sad one, connoting the tree's ill health.

Having finally found the tree, we knew that more pictures were in order. After taking two of the trunk, I slogged through the river to the opposite bank in order to get a couple of half-length shots. First the top, "click"; then the bottom . . . no more film! What I said then can not be printed here. Thirty-three pictures of the contenders and three of the champ. Seven miles from the nearest road, out of film, and out of luck.

What drives an enthusiast such as myself to hunt down these often elusive champions? From whence comes the thrill of encircling a tree with a well-used tape measure and striding off the measurement beneath a gigantic crown spread?

That men and women record the measurements of stately trees speaks not to our propensity for numbers but to the awe inspired by great trees. An admirer of the tall trees wrote (upon first seeing the cathedral pines on Wisconsin's Menominee Indian reservation): "The mist and rain erode their detail, enhancing their grandness and height. Like benevolent monarchs they stand softly against the grayness. From their crowns, drops plummet 70 to 80 feet from the nearest branch and strike my face. Their bark is thick with ridges bigger than saplings, fitting armor for kings."

With such an abundance of prey, it's a wonder more people aren't big-tree hunters. It's a sport for all seasons, none of them closed. No special equipment is needed. An ordinary tape measure will do. No licenses or fees and no crowd. City dwellers needn't travel far.

The outdoor exercise is at your own pace. There is search, excitement, and anticipation. And finally, the tree itself. The trip is worth it—whether to pay homage to an established champion or to experience the unforgettable thrill of discovering a new national record. Oh, yes, and don't forget the film.

LATE-BREAKING DEVELOPMENT! In the process of checking the huge number of facts and figures in this Big Trees issue of *AMERICAN FORESTS*, the editors and Mr. McGrath discovered that the circumference measurement of his last-discovered "champion" was five inches less than that of the latest listing in the updated *National Register*. Does this mean McGrath must return again to stalk the Big One? Will he find it this time? Or will the champion, having had time over the months to develop new elusive tactics, evade its pursuers again? ■

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
HOPTREE					
Common <i>Ptelea trifoliata</i> L. (1972)	2'6"	31'	32'	69	Ada, Michigan; Paul Thompson and C. Rodgers.
HORNBEAM					
American, <i>Carpinus caroliniana</i> Walt. (1975)	7'2"	65'	66'	168	Milton, New York; Morgan Wright.
HYPELATE					
<i>Hypelate trifoliata</i> Sw. (1976)	3'5"	25'	25'	72	North Key Largo, Florida; Clifford Shaw.
INKWOOD (see BUTTERBOUGH)					
JERUSALEM-THORN					
<i>Parkinsonia aculeata</i> L. (1969)	7'	36'	41'	130	Florence, Arizona; Harold Nett.
JOSHUA-TREE					
<i>Yucca brevifolia</i> Engelm. (1967)	14'11" (at 2')	32'	40'	221	San Bernadino National Forest, California; Ronald McCormick.
JUJUBE					
*Common, <i>Ziziphus jujuba</i> Mill. (1977)	4'2"	40'	20'	95	Bee County, Texas; E.E. Miller.
JUNIPER					
Alligator, <i>Juniperus deppeana</i> Steud. (1962)	29'7"	57'	57'	426	Tonto National Forest, Arizona; Tonto National Forest Rangers.
Ashe, <i>Juniperus ashei</i> Buchholz (1971)	9'7"	38'	37'	162	Comal County, Texas; Frank Love.
California, <i>Juniperus californica</i> Carr. (1976)	7'10"	33'	40'	137	Colusa County, California; Frank Sesock.
Common, <i>Juniperus communis</i> L. (1977)	1'5"	18'	8'	37	Glen Haven, Leelanau County, Michigan; Paul Thompson.
Drooping, <i>Juniperus flaccida</i> Schlecht. (1974)	8'2"	46'	40'	154	Big Bend National Park, Texas; John Bissonette and Paul Krausman.
Oneseed, <i>Juniperus monosperma</i> (Engelm.) Sarg. (1981)	14'	29'	28'	204	Jicarilla Mountains, New Mexico; Tom Guck.
Pinchot, <i>Juniperus pinchotii</i> Sudw. (1977)	11'10" (at 1.5')	23'	27'	172	Alpine, Texas; Frank Sesock.
Rocky Mountain, <i>Juniperus scopulorum</i> Sarg. (1972)	20'5"	36'	—	—	Cache National Forest, Utah; R.P. McLaughlin.
Utah, <i>Juniperus osteosperma</i> (Torr.) Little (1975)	19'4"	50'	53'	295	Lake Powell, Utah; Walter Cottam.
Western, <i>Juniperus occidentalis</i> Hook. (1954)	42'9"	87'	51'	613	Stanislaus National Forest, California; J.R. Hall.
LARCH					
European, <i>Larix decidua</i> Mill. (1981)	13'9"	86'	45'	262	Northfield, Vermont; Jeffrey V. Freeman.
Subalpine, <i>Larix llyallii</i> Parl. (1972)	19'8"	94'	56'	344	Wenatchee National Forest, Washington, Stephen Arno and Jeff Hart.
Western, <i>Larix occidentalis</i> Nutt. (1980)	24'5"	175'	37'	477	Near Libby, Montana; Gene Yahvah.
LAURELCHERRY					
Carolina, <i>Prunus caroliniana</i> (Mill.) Ait. (1972)	10'5"	44'	48'	181	Dellwood, Florida; Carl Pierce.
LEADWOOD					
<i>Krugiodendron ferreum</i> (Vahl) Urban (1975)	3'6"	40'	20'	87	Miami, Florida; Clifford Shaw and Ralph Beaudry.
LEBBEK					
* <i>Albizia lebbek</i> (L.) Benth. (1968)	21'5"	65'	95'	346	Lahaina, Island of Maui, Hawaii; Col. L.W. Bryan.
LIGNUMVITAE (see also PORTIATREE)					
Roughbark, <i>Guaiacum sanctum</i> L. (1975)	4'5"	32'	35'	94	Biscayne National Monument, Florida; Clifford Shaw and Jim Tilmant.
LOBLOLLY-BAY					
<i>Gordonia lasianthus</i> (L.) Ellis (1972)	12'9"	84'	58'	252	Ocala National Forest, Florida; Robert Simons and Daniel Ward.
LOCUST					
Black, <i>Robinia pseudoacacia</i> L. (1974)	23'4"	96'	92'	399	Dansville, New York; B.L. Morris.
Honey, (See HONEYLOCUST)	7'5" (at 3')	23'	19'	117	Nogal Canyon, Lincoln National Forest, New Mexico.
New Mexico, <i>Robinia neomexicana</i> Gray (1981)					

*Introduced

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
LYONIA (see STAGGERBUSH)					
LYSILOMA					
Bahama (Wild-tamarind) <i>Lysiloma latisiliquum</i> (L.) Benth. (1973)	8'	79'	42'	186	Homestead, Florida; Albert Hetzell and Ron Smith.
Littleleaf, <i>Lysiloma microphyllum</i> Benth. (1977)	4'7" (at 2')	25'	29'	87	Arizona State University, Tempe, Arizona; Frank Sesock.
MADRONE					
Arizona, <i>Arbutus arizonica</i> (Gray) Sarg. (1970)	10'6"	45'	42'	182	Reilly Canyon, Arizona; R.E. Schoenike.
Pacific, <i>Arbutus menziesii</i> Pursh (1974)	32' (at 3')	79'	123'	494	Humboldt County, California; R.H. Menzies.
Texas, <i>Arbutus texana</i> Buckl. (Co-Champion) (1972)	5'	34'	40'	104	Hays County, Texas; M.T. McLean.
Texas, <i>Arbutus texana</i> Buckl. (Co-Champion) (1971)	5'	36'	29'	103	Guadalupe Mountains National Park, Texas; Samuel Lamb.
MAGNOLIA					
Ashe, <i>Magnolia ashei</i> Weatherby (1971)	1'6"	35'	18'	58	Torrey State Park, Florida; James Stevenson.
Bigleaf, <i>Magnolia macrophylla</i> Michx. (1972)	9'3"	59'	62'	186	Baltimore, Maryland; Maryland Forest Service.
Cucumbertree, <i>Magnolia acuminata</i> L. (1979)	20'3"	94'	93'	360	North Canton, Ohio; Jeremy Felland.
Cucumber tree, yellow, <i>Magnolia acuminata</i> var. <i>subcordata</i> (Spach) Dandy (1970)	13'	97'	65'	269	Kennett Square, Pennsylvania; John Swartley.
Fraser, <i>Magnolia fraseri</i> Walt. (1981)	9'11"	85'	56'11"	218	Great Smoky Mountains National Park, Tennessee; Perry Scott and Peter S. White.
Pyramid, <i>Magnolia pyramidata</i> Bartr. (1972)	6'4"	57'	37'	142	Newton County, Texas; James Whaley and Leo Rawls.
Southern, <i>Magnolia grandiflora</i> L. (1978)	20'3"	86'	96'	353	Bladen County, North Carolina; Daniel Grimsley.
Sweetbay, <i>Magnolia virginiana</i> L. (1971)	13'1"	91'	46'	260	Leon County, Florida; George Apthorp.
Umbrella, <i>Magnolia tripetala</i> L. (1969)	9'8" (at 2')	45'	48'	173	Lumberville, Bucks County, Pennsylvania; John Swartley.
MAHOGANY					
West Indies, <i>Swietenia mahagoni</i> Jacq. (1975)	10'8"	51'	40'	189	Homestead, Florida; Clifford Shaw.
ANCHINEEL					
<i>Hippomane mancinella</i> L. (1979)	3'11"	39'	34'	95	Watson Hammock, Big Pine Key, Florida; Robert Simons.
MANGROVE					
(Red), <i>Rhizophora mangle</i> L. (1975)	6'5"	75'	41'	162	Everglades National Park, Florida; Clifford Shaw and Randy Cooley.
MANZANITA					
Bigberry, <i>Arctostaphylos glauca</i> Lindl. (1976)	4'4"	33'	43'	96	Sunol Regional Park, California; E. Lagel.
Pringle, <i>Arctostaphylos pringlei</i> Parry (1978)	3'11"	13'	11'	63	Washington County, Utah; Harold Isaacson.
Parry, <i>Arctostaphylos manzanita</i> Adans. (Family Ericaceae) (1981)	4'3"	25'	24'	82	South of Novato, California; Sam H. Bryan.
Whiteleaf, <i>Arctostaphylos viscida</i> Parry (1975)	2'6"	24'	13'	57	Central Point, Oregon; Frank Sesock.
MAPLE					
Bigleaf, <i>Acer macrophyllum</i> Pursh (1977)	34'11"	101'	90'	543	Jewell, Oregon; Maynard Drawson, William Young, and Steve Hughes.
Black, <i>Acer nigrum</i> Michx. f. (1976)	16'1"	116'	118'	339	Allegan County, Michigan; Harold Nett.
Canyon, <i>Acer grandidentatum</i> Nutt. (1981)	8'3"	41'	50'6"	153	Nogal Canyon, Lincoln National Forest, New Mexico; Tom Guck.
Chalk, <i>Acer leucoderme</i> Small (1981)	2'7"	30'	40'	71	Clemson University Forest, South Carolina; Roland E. Schoenike.
Chalk, <i>Acer leucoderme</i> Small (1981)	2'3"	35'	34'	71	Pickens County, South Carolina; Roland E. Schoenike.
Douglas, <i>Acer glabrum</i> var. <i>douglasii</i> (Hook.) Dipp. (1973)	3'2"	47'	21'	90	Tepee Creek, Idaho; Gary Peterson.
Drummond Red, <i>Acer rubrum</i> var. <i>drummondii</i> (Hook. & Arn.) Sarg. (1971)	10'1"	99'	62'	236	Mingo National Wildlife Refuge, Missouri; Jack Toll and Jack Wylie.
Florida, <i>Acer barbatum</i> Michx. (Co-Champion) (1981)	8'10"	110'	60'	231	Sumter County, Alabama; Alan P. Bruce.
Florida, <i>Acer barbatum</i> Michx. (Co-Champion) (1981)	7'5"	126'	57'	229	Stevens Creek Natural Area, South Carolina; Steven M. Jones.
Mountain, <i>Acer spicatum</i> Lam. (1976)	10'10"	55'	53'	198	U.S. Capitol grounds, Washington, D.C.; W.S. Breneman.

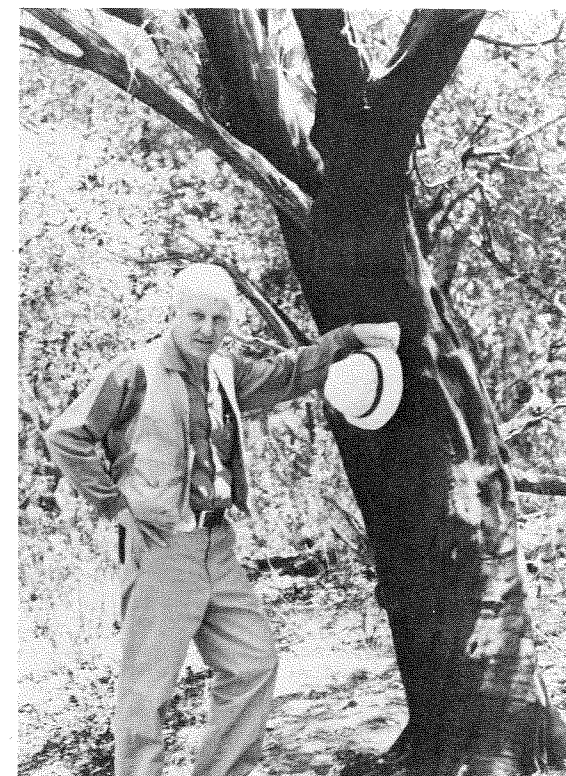
Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
*Norway, <i>Acer platanoides</i> (1976)	10'4"	84'	75'	227	Ingham County, Michigan; Harold Nett.
*Norway, <i>Acer platanoides</i> (1980)	14'4"	90'	80'	282	Chester County, Pennsylvania; Mrs. Peter Collins.
Red, <i>Acer rubrum</i> L. var. <i>rubrum</i> (1972)	16'3"	125'	108'	347	Armada, Michigan; Paul Thompson.
Rocky Mountain, <i>Acer glabrum</i> Torr. (1979)	3'6"	63'	26'	112	South of Hood River, Oregon; David Foley.
Silver, <i>Acer saccharinum</i> L. (1972)	22'7"	125'	111'	424	Oakland County, Rochester, Michigan; Harold Nett.
Striped, <i>Acer pensylvanicum</i> L. (1973)	3'8"	59'	43'	114	Marquette County, Michigan; Dave Bingham, Christopher Gale, and Paul Thompson.
Sugar, <i>Acer saccharum</i> Marsh. (Co-Champion) (1977)	21'3"	78'	63'	349	Kitzmiller, Maryland; Paul Mateers.
Sugar, <i>Acer saccharum</i> Marsh. (Co-Champion) (1977)	21'6"	78'	66'	353	Kitzmiller, Maryland; Paul Mateer.
Uvalde Bigtooth, <i>Acer grandidentatum</i> var. <i>sinuosum</i> (Rehd.) Little (1972)	6'10"	48'	41'	140	Near Vanderpool, Texas; John Haislet.
Vine, <i>Acer circinatum</i> Pursh (1973)	4'3"	40'	35'	100	Olympic National Park, Washington; Maynard Drawson.
MESCALBEAN (see SOPHORA)					
MESQUITE					
Honey, <i>Prosopis glandulosa</i> Torr. (1975)	12'6"	40'	36'	199	Hidalgo County, Texas; Crews Martinez.
Velvet, <i>Prosopis velutina</i> Woot. (1952)	15'	55'	76'	254	Coronado National Forest, Arizona; Gilbert Sykes.
MILKBARK					
<i>Drypetes diversifolia</i> Krug & Urban (1975)	3'	37'	17'	77	Homestead, Florida; Clifford Shaw and Jim Tilmant.
MOUNTAIN-ASH					
American, <i>Sorbus americana</i> Marsh. (1979)	6'8"	62'	40'	152	West Virginia State Park, West Virginia; Richard Salzer.
*European, <i>Sorbus aucuparia</i> L. (1972)	5'5"	43'	36'	117	Near Polson, Montana; William Pritchard.
Showy, <i>Sorbus decora</i> (Sarg.) Schneid. (1972)	4'8"	58'	29'	121	Mackinac County, Michigan; William Mahalak.
Sitka, <i>Sorbus sitchensis</i> Roem. (1981)	1'7"	50'	18'	74	Gardiner, Oregon; Lancell Morgan.
MOUNTAIN-HOLLY					
<i>Nemopanthus mucronatus</i> (L.) Trel. (1976)	1'	20'	8'	34	Oakland County, Michigan; Paul Thompson.
MOUNTAIN-LAUREL					
<i>Kalmia latifolia</i> L. (Co-Champion) (1981)	4'6"	20'	28'	81	Fannin County, Georgia; George Hoffman.
<i>Kalmia latifolia</i> L. (Co-Champion) (1981)	3'11"	28'	26'	82	Oconee County, South Carolina; George Hoffman.
MULBERRY					
*Black, <i>Morus nigra</i> L. (1971)	18'7"	67'	71'	308	Westminster, Maryland; Earl Yingling.
Red, <i>Morus rubra</i> L. (1981)	18'8"	72'	98'	321	Berrien County, Michigan; David Savage and Paul Thompson.
Texas, <i>Morus microphylla</i> Buckl. (1972)	1'10"	25'	30'	55	Kerry County, Texas; John Galley.
*White, <i>Morus alba</i> L. (1976)	16'1"	82'	93'	298	Kalamazoo County, Michigan; Mrs. R. Martin and Paul Thompson.
OAK					
Arizona, White, <i>Quercus arizonica</i> Sarg. (1971)	11'11"	37'	36'	189	The Research Ranch, Elgin, Arizona; Don Richard.
Arkansas, <i>Quercus arkansana</i> Sarg. (1972)	11'6"	62'	66'	217	Howard County, Arkansas; Dwight Moore.
Bear, <i>Quercus ilicifolia</i> (1981)	1'3"	24'	16'	43	Entrance, Watago State park, West Virginia; Richard Salzer.
Bigelow, <i>Quercus durandii</i> var. <i>breviloba</i> (Torr.) Palmer (1977)	3'3"	39'	34'	87	Travis County, Texas; Brown, Collins, Espey, Houston & Assoc.
Black, <i>Quercus velutina</i> Lam. (Co-Champion) (1981)	19'9"	117'	129'	386	St. Clair County, Michigan; Harold Nett.
Black, <i>Quercus velutina</i> Lam. (Co-Champion) (1981)	21'2"	107'	122'	392	Monroe County, Michigan; I. MacFarland and Paul Thompson.
Blackjack, <i>Quercus marilandica</i> Muenchh. (1981)	13'9"	48'	78'	233	Grant County, Oklahoma; Lyle Byfield.
Blue, <i>Quercus douglasii</i> Hook. & Arn. (1974)	20'3"	94'	48'	349	Alameda County, California; E. Lagel.
Bluejack, <i>Quercus incana</i> Bartr. (1972)	7'	51'	56'	149	Freestone County, Texas; David Lott.
Bur (Mossy Cup), <i>Quercus macrocarpa</i> Michx. (1980)	26'6"	95'	101'	438	Northeast of Parris, Kentucky; Owen H. Robinson.
California Black, <i>Quercus kelloggii</i> Newb. (1972)	28'2"	124'	115'	491	Curry County, Oregon; Ralph King.
Canyon Live, <i>Quercus chrysolepis</i> Liebm. (1972)	33'11"	72'	80'	499	Cleveland National Forest, California; Stanley Stevenson.

*Introduced

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Chapman, <i>Quercus chapmanii</i> Sarg. (1972)	4'4"	58'	25'	116	Ocala National Forest, Florida; Robert Simons.
Cherrybark, <i>Quercus falcata</i> var. <i>pagodaefolia</i> Ell. (1975)	29'	120'	126'	500	Perquimans County, North Carolina; Herb Crase and Lewis Stallings.
Chestnut, <i>Quercus prinus</i> L. (1972)	21'10"	75'	100'	362	Northport, New York; George Peters.
Chinkapin, <i>Quercus muehlenbergii</i> Engelm (1971)	21'11"	72'	62'	351	Ross County, Ohio; Bryon Kent.
Coast Live, <i>Quercus agrifolia</i> Née (1976)	29'2"	85'	127'	467	Near Gilroy, California; Leslie Mayne.
Durand, <i>Quercus durandii</i> Buckl. (1972)	17'	139'	71'	361	Noxubee County, Mississippi; B.S. Webster.
Dwarf Chinkapin, <i>Quercus prinoides</i> Willd. (1972)	5'1"	34'	50'	108	Swope Park, Kansas City, Missouri; Kendall Laughlin.
Emory, <i>Quercus emoryi</i> Torr. (1976)	16'6"	73'	98'	296	Santa Cruz County, Arizona; 4-H Club of Santa Cruz County.
Engelmann, <i>Quercus engelmanni</i> Greene (1973)	10'9"	78'	100'	232	Pasadena, California; Woodbridge Metcalf.
*English, <i>Quercus robur</i> L. (1976)	12'11"	81'	76'	255	Benzie County, Michigan; Avid Tesaker.
Gambel, <i>Quercus gambelii</i> Nutt. (1981)	18'	47'	85'	284	Gila National Forest, New Mexico; Dahl Kirkpatrick.
Georgia, <i>Quercus georgiana</i> M.A. Curtis (1981)	3'7"	46'	21'	94	South of Warm Springs, Georgia; Chris Bogner.
Graves, <i>Quercus gravesii</i> Sudw. (1976)	12'1"	51'	41'	206	Val Verde County, Texas; Benny Simpson, J.J. McIntire, and J.B. Norris.
Gray, <i>Quercus grisea</i> Liebm. (1973)	5'10"	60'	24'	136	Coconino National Forest, Arizona; Robert Abraham.
Lacey, <i>Quercus glaucoides</i> Mart. & Gal. Small (1972)	4'10"	50'	44'	119	Near Kerrville, Texas; John Galley.
Laurel, <i>Quercus laurifolia</i> Michx. (1976)	19'5"	102'	116'	364	Brantley County, Georgia; Eugene Cypert.
Live, <i>Quercus virginiana</i> Mill. (1976)	36'7"	55'	132'	527	Near Lewisburg, Louisiana; John DeMarche.
Mexican Blue, <i>Quercus oblongifolia</i> Torr. (1970)	10'3"	34'	45'	168	Coronado National Forest, Arizona; Don Richard.
Myrtle, <i>Quercus myrtifolia</i> Willd. (1972)	4'3"	26'	33'	85	Fort Clinch State Park, Florida; Carol Beck.
Northern pin, <i>Quercus ellipsoidalis</i> E.J. Hill (1981)	15'	66'	54'8"	260	West of Marine-on-St. Croix, Minnesota; Richard Oehlenschlaeger.
Northern red, <i>Quercus rubra</i> , L. (Co-Champion) (1978)	26'3"	88'	88'	425	Ashtabula County, Ohio; Ohio Forestry Association.
Northern red, <i>Quercus rubra</i> L. (Co-Champion) (1978)	23'3"	118'	128'	429	Berrien County, Michigan; Paul Thompson.
Nuttall, <i>Quercus nuttallii</i> Palmer (Co-Champion) (1972)	16'11"	130'	80'	353	Delta National Forest, Mississippi; Jimmy Walker and Blynn Gordon.
Nuttall, <i>Quercus nuttallii</i> Palmer (Co-Champion) (1978)	20'7"	85'	76'	351	Horseshoe Lake Island, Illinois; Guy Sternberg.
Oglethorpe, <i>Quercus oglethorpensis</i> Duncan (1972)	9'9"	69'	69'	203	Near Lexington, Georgia; Samuel Jones.
Oregon White, <i>Quercus garryana</i> Dougl. ex Hook. (1972)	22'8"	98'	72'	388	Douglas County, Oregon; Allen Silveus.
Overcup, <i>Quercus lyrata</i> Walt. (Co-Champion) (1976)	22'	123'	48'	399	Congaree Swamp, South Carolina; Chick Gaddy and J.V. Elder.

*Introduced

Parry Manzanita, South of Novato, CA



Black Oak, Monroe County, MI



Paul W. Thompson

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Overcup, <i>Quercus lyrata</i> Walt. (Co-Champion) (1977)	21'5"	116'	118'	403	Tuckahoe State Park, Caroline County, Maryland; A.R. Bond.
Overcup, <i>Quercus lyrata</i> Walt. (Co-Champion) (1973)	21'5"	116'	118'	403	Tuckahoe State Park, Maryland; Earl Yingling.
Pin, <i>Quercus palustris</i> Muenchh. (Co-Champion) (1978)	17'4"	134'	99'	367	Near Smithland, Kentucky; Cary Perkins and Horace and Howard Alderdice.
Pin, <i>Quercus palustris</i> Muenchh. (Co-Champion) (1978)	20'	100'	80'	360	Mt. Eric Township, Illinois; Roy Burroughs.
Pin, <i>Quercus palustris</i> Muenchh. (Co-Champion)	22'	81'	99'	370	Hope, Indiana; Lewis Lortz.
Post, <i>Quercus stellata</i> Wagenh. var. <i>stellata</i> (Co-Champion) (1980)	12'10"	94'	92'	271	University of North Carolina at Chapel Hill, North Carolina; Warren Freeman.
Post, <i>Quercus stellata</i> Wagenh. var. <i>stellata</i> (Co-Champion) (1981)	14'8"	88'	113'	292	Hampton County, South Carolina; Johnny Youmans.
Sand Post, <i>Quercus stellata</i> var. <i>margaretta</i> (Ashe) Sarg. (1979)	11'1"	70'	79'	223	Chowan County, North Carolina; Roger Spivey and Herb Crase.
Scarlet, <i>Quercus coccinea</i> Muenchh. (1978)	17'10"	150'	128'	397	Maud, Alabama; R.H. Coats.
Shingle, <i>Quercus imbricaria</i> Michx. (1965)	18'1"	80'	80'	317	Wayne County, Ohio; John Aughanbaugh
Shumard, <i>Quercus shumardii</i> Buckl. var. <i>shumardii</i> (1975)	21'9"	97'	105'	384	Lake Providence, Louisiana; Danny Clement and H. Fallin.
Southern Red, <i>Quercus falcata</i> Michx. var. <i>falcata</i> (1971)	27'3"	128'	149'	492	Harwood, Maryland; Earl Yingling.
Swamp Chestnut (Basket), <i>Quercus michauxii</i> Nutt. (1974)	22'7"	122'	123'	424	Talbot County, Maryland; Earl Yingling and Dickson Preston.
Swamp White, <i>Quercus bicolor</i> Willd. (1977)	20'7"	104'	119'	381	Tompkinsville, Kentucky; Townley Bergmann.
Swamp White, <i>Quercus bicolor</i> Willd. (1981)	18'9"	126'	130'	384	Wayne County, Michigan; H. Harvey and Paul Thompson.
Texas, <i>Quercus shumardii</i> var. <i>texana</i> (Buckl.) Ashe (1972)	12'6"	80'	53'	243	Mother Neff State Park, Texas; John Haislet.
Turbinella, <i>Quercus turbinella</i> Greene (1979)	11' (at 2')	30'	55'	176	Cane Springs, Arizona; Eric Coombs.
Turkey, <i>Quercus laevis</i> Walt. (Co-Champion) (1972)	6'9"	83'	67'	181	Near Branford, Florida; William Howell.
Turkey, <i>Quercus laevis</i> Walt (Co-Champion) (1979)	8'8"	67'	70'	188	Pierce County, Georgia; Jimmy Mock and Allen Harris.
Valley, <i>Quercus lobata</i> Nee (1979)	29'2"	150'	110'	528	Mendocino County, California; Willis Linn Jepson.
Vasey, <i>Quercus pungens</i> var. <i>vaseyana</i> (Buckl.) C.H. Muller (1970)	4'3"	39'	32'	98	Val Verde County, Texas; Benny Simpson, J.J. McEntire, and J.B. Norris.
Water, <i>Quercus nigra</i> L. (1980)	21'7½"	105'	117'	394	Itawamba County, Mississippi; Charles Guinn.
White, <i>Quercus alba</i> L. (1972)	29'8"	102'	158'	498	State Park, Wye Mills, Maryland; F.W. Besley.
Willow, <i>Quercus phellos</i> L. (Co-Champion) (1972)	24'	112'	125'	431	Taliaferro County, Georgia; Hollis McAvoy.
Willow, <i>Quercus phellos</i> L. (Co-Champion) (1972)	23'6"	125'	106'	434	Queenstown, Maryland; W.R. Burgess.
OLEANDER					
* <i>Nerium oleander</i> L. (1963)	5'8" (at 4')	22'	16'	94	Phoenix, Arizona; Vic Housholder.
OSAGE-ORANGE					
<i>Maclura pomifera</i> (Raf.) Schneid. (1972)	24'6"	51'	93'	368	Patrick Henry Estate, Brookneal, Virginia; Mabel Bellwood.
PALMETTO					
Cabbage, <i>Sabal palmetto</i> (Walt.) Lodd. ex J.A. & J.H. Schult. (1972)	3'9"	90'	14'	139	Highlands Hammock State Park, Florida; Harold Nett.
Mexican, <i>Sabal mexicana</i> Mart. (1972)	3'5"	49'	12'	93	Cameron City, Texas, John Haislet.
PALOVERDE					
Blue, <i>Cercidium floridum</i> Benth. ex Gray (1976)	7'2"	53'	42'	150	Riverside County, California; Frank Sesock.
PANAMA-TREE					
* <i>Sterculia alata</i> Roxb. (1974)	14'	135'	35'	312	Thomas Edison Arboretum, Florida; George Krauss.
PAPAYA					
* <i>Carica papaya</i> L. (1973)	1'8"	25'	4'	46	Castello Hammock, Florida; Albert Hetzell and Ron Smith.

*Introduced

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
PAPER-MULBERRY					
* <i>Broussonetia papyrifera</i> (L.) Vent. (1972)	26'7" (at 3.5')	27'	32'	354	Wood County, Texas; George Leonard and James Whaley.
PARADISE-TREE					
<i>Simarouba glauca</i> DC. (1973)	4'	57'	36'	114	Viscaya, Florida; Albert Hetzell and Ron Smith.
PARASOLTREE					
*Chinese, <i>Firmiana simplex</i> (L.) W.F. Wight (1972)	6'8"	58'	40'	148	Tyler County, Texas; Donald Staples.
PAULOWNIA					
*Royal, <i>Paulownia tomentosa</i> (Thunb.) Sieb & Zucc. ex. Steud (1969)	20'3"	105'	70'	366	Philadelphia, Pennsylvania; John Swartley.
PAWPAW					
<i>Asimina triloba</i> (L.) Dunal (Co-Champion) (1972)	3'6"	41'	24'	89	Near Smith Mills, Kentucky; Henry T. Converse.
<i>Asimina triloba</i> (L.) Dunal (Co-Champion) (1976)	2'11"	45'	32'	88	Macomb County, Michigan; Paul Thompson.
<i>Asimina triloba</i> (L.) Dunal (Co-Champion) (1981)	2'3"	56'	25'	89	Pickens County, South Carolina; Roland E. Schoenike.
PEACH					
<i>Prunus persica</i> Batsch (1978)	6'5" (at 1.5')	57'	42'	145	State Capital Grounds, Sacramento, California; Brian Barrette and Mark Stanley.
PEAR					
* <i>Pyrus communis</i> L. (1976)	11'10"	57'	50'	212	Oakland County, Michigan; Paul Thompson.
PECAN					
<i>Carya illinoensis</i> (Wangenh.) K. Koch (Co-Champion) (1981)	19'11½"	128'	130'6"	400	Warren County, Mississippi; A.H. "Country" Brown.
<i>Carya illinoensis</i> (Wangenh.) K. Koch (Co-Champion) (1980)	19'3"	143'	115'	403	Cocke County, Tennessee; Shawn A. Hamilton.
PEPPERTREE					
* <i>Schinus molle</i> L. (1973)	26'10"	47'	83'	390	San Juan Capistrano, California; Rey Wheeler.
PERSIMMON					
<i>Diospyros virginiana</i> L. (Co-Champion) (1972)	12'2"	60'	58'	221	Leon County, Texas; David Lott.
<i>Diospyros virginiana</i> L. (Co-Champion) (1977)	6'9"	131'	40'	222	Big Oak Tree State Park, Missouri; John Wylie and Gene Brunk.
Texas, <i>Diospyros texana</i> Scheele (1972)	5'8"	26'	32'	101	Uvalde County, Texas; William Graves.
PIGEON-PLUM (see DOVE-PLUM)					
PINCKNEYA					
<i>Pinckneya pubens</i> Michx. (1972)	10'	21'	14'	35	Gadsden County, Florida; Paul Wills.
PINE					
Apache, <i>Pinus engelmannii</i> Carr. (1973)	7'2"	95'	38'	191	Chiricahua Mountains, Arizona; Samuel Lamb.
Arizona, <i>Pinus ponderosa</i> var., <i>arizonica</i> (Engelm.) Shaw (1977)	11'4"	104'	42'	250	Mt. Lemmon, Arizona; Frank Sesock.
Bishop, <i>Pinus muricata</i> D. Don (1976)	12'2"	121'	45'	278	Mendocino County, California; Frank Sesock.
Chihuahua, <i>Pinus leiophylla</i> var. <i>chihuahuana</i> (Engelm.) Shaw (Co-Champion)	7'5"	70'	40'	169	Hidalgo County, New Mexico; C. Philip Yost.
Chihuahua, <i>Pinus leiophylla</i> var. <i>chihuahuana</i> (Engelm.) Shaw (Co-Champion) (1973)	7'2"	75'	42'	172	Chiricahua Mountains, Arizona; Samuel Lamb.
Coulter, <i>Pinus coulteri</i> D. Don (1976)	13'3"	137'	40'	306	Los Padres National Forest, California; Frank Sesock.
Digger, <i>Pinus sabiniana</i> Dougl. (1972)	16'7"	160'	80'	379	Fresno County, California; Hubert Mund.
Eastern White, <i>Pinus strobus</i> L. (1971)	17'5"	158'	78'	387	Porcupine Mountain State Park, Michigan; Paul Thompson.
Foxtail, <i>Pinus balfouriana</i> Grev. & Balf. (1972)	26'3"	71'	36'	395	Sequoia National Forest, California; Peter Wyckoff.
Intermountain Bristlecone, <i>Pinus aristata</i> var. <i>longaeva</i> (D.K. Bailey) Little (1978)	39'5"	47'	41'	529	"The Patriarch," Inyo National Forest, California; A.E. Noren.

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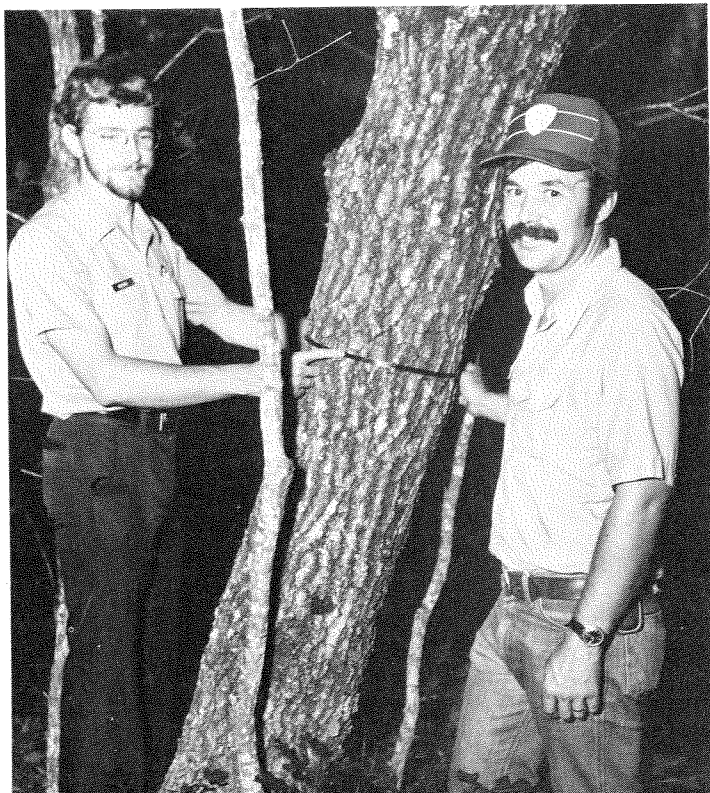
Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Jack, <i>Pinus banksiana</i> Lamb. (1981)	7'7"	84'	51'	188	Marquette County, Michigan; Bruce Spike, James Wells, Gregg Fons, and Paul Thompson.
Jeffrey, <i>Pinus jeffreyi</i> Grev. & Balf. (1967)	23'7"	175'	87'	480	Stanislaus National Forest, California; Stanley Kurcaba.
Knobcone, <i>Pinus attenuata</i> Lemm. (1976)	11'3"	117'	66'	269	Shasta County, California; Paul Caster.
Limber, <i>Pinus flexilis</i> James (1972)	29'5"	43'	36'	405	North Fork Little Willow Canyon, Utah; Jim Kimbal.
Loblolly, <i>Pinus taeda</i> L. (1980)	14'8"	163'	91'	362	Urania, Louisiana; Glen F. Tannehill.
Lodgepole, <i>Pinus contorta</i> var. <i>latifolia</i> Engelm. (1980)	11'5"	135'	41'	282	Valley County, Idaho; John Parker, Roy Dyer, and Fred Johnson.
Longleaf, <i>Pinus palustris</i> Mill. (1977)	10'5"	125'	63'	267	Angelina National Forest, Texas; Ned Fritz and Bill Hallmon.
Monterey, <i>Pinus radiata</i> D. Don (1968)	22'	125'	91'	412	Downing's Forest, Aptos, California; Woodbridge Metcalf.
<i>Pinus edulis</i> var. <i>fallax</i> Little (1977)	5'	32'	26'	98	Miami, Arizona; Frank Sesock.
Parry Pinyon, <i>Pinus quadrifolia</i> Parl. ex Sudw. (1976)	7'2"	53'	42'	150	Riverside County, California; Frank Sesock.
Pinyon (two-leaf) <i>Pinus edulis</i> Engelm. Little (1972)	11'3"	34'	45'	180	La Sal National Forest, Utah; Owen DeSpain.
Pitch, <i>Pinus rigida</i> Mill. (1972)	11'4"	96'	50'	245	Poland, Maine; Martin Calderara.
Pond, <i>Pinus serotina</i> Michx. (1977)	9'7"	94'	46'	220	Scotland County, North Carolina; J.H. Carter.
Ponderosa, <i>Pinus ponderosa</i> Dougl. ex Laws. (1974)	23'11"	223'	68'	527	Plumas, California; John Bell and Philip Intorf.
Red, <i>Pinus resinosa</i> Ait. (Co-Champion) (1975)	10'	116'	68'	253	Gogebic County, Michigan; Marsh Leggler.
Red, <i>Pinus resinosa</i> Ait. (Co-Champion) (1971)	8'3"	141'	50'	253	Porcupine Mountain State Park, Michigan; Wayne Koser, Ed Pantillon, and Paul Thompson.
Rocky Mountain Ponderosa, <i>Pinus ponderosa</i> var. <i>scopulorum</i> Engelm. (Co-Champion) (1981)	15'6½"	128'6"	46'	328	Santa Fe National Forest, New Mexico; Ron Moody.
Rocky Mountain Ponderosa, <i>Pinus ponderosa</i> var. <i>scopulorum</i> Engelm. (Co-Champion) (1981)	16'3"	112'	67'	324	Sandia Mountains, New Mexico; James H. Culbert and E. Brent Handley.
Sand, <i>Pinus clausa</i> (Chapm. ex Engelm.) Vasey ex Sarg. (1980)	6'6"	103'	46'	193	Wekiva Springs State Park, Florida; John T. Koehler and Gil Artman.
Scotch <i>Pinus sylvestris</i> L. (1981)	15'7"	70'	57.5'	271	Nevada, Iowa; Mark Rouw.
Shore, <i>Pinus contorta</i> Dougl. ex Loud. var. <i>contorta</i> (1980)	13'1"	43'	44'	211	Olympic National Park, Washington; Robert L. Wood.
Shortleaf, <i>Pinus echinata</i> Mill. (1980)	10'10½"	138'	75'	290	Myrtle, Mississippi; Glenn H. Coffey.
Sierra Lodgepole, <i>Pinus contorta</i> var. <i>murrayana</i> (Grev. & Balf.) Engelm. (Co-Champion) (1975)	19'8"	110'	37'	355	San Bernardino National Forest, California; Miller Gulick.
Sierra Lodgepole, <i>Pinus contorta</i> var. <i>murrayana</i> (Grev. & Balf.) Engelm. (Co-Champion) (1967)	21'2"	91'	36'	354	Stanislaus National Forest, California; Richard Virgin.
Singleleaf Pinyon, <i>Pinus monophylla</i> Torr. & Frem. (1979)	11'7"	53'	66'	209	North of Reno, Nevada; William J. Sauerwein.
Slash, <i>Pinus elliotii</i> Engelm. var. <i>elliotii</i> (1969)	8'7"	150'	60'	268	Colleton County, South Carolina; C.C. Hills and M.M. Russell.
South Florida Slash, <i>Pinus elliotii</i> var. <i>densa</i> Little & Dorman (1977)	11'5"	55'	63'	208	Sarasota, Florida; Steve Spezia and Doug Voltalina.
Southwestern White, <i>Pinus strobiformis</i> Engelm. (1974)	15'5"	111'	62'	312	Lincoln National Forest, New Mexico; Thomas Dix.
Spruce, <i>Pinus glabra</i> Walt. (1980)	13'2"	123'	45'	292	St. Helena Parish, Louisiana; Eddie Welch.
Sugar, <i>Pinus lambertiana</i> Dougl. (1972)	32'	216'	68'	617	North fork of Stanislaus River, California; Richard Virgin.
Table Mountain, <i>Pinus pungens</i> Lamb. (1981)	7'3"	97'	34'	193	West of Covington, Virginia; Larry Dew.
Torrey, <i>Pinus torreyana</i> Parry ex Carr. (1973)	18'5"	106'	120'	357	Carpenteria, California; Edward Scanlon.
Virginia, <i>Pinus virginiana</i> Mill. (Co-Champion) (1981)	7'1½"	114'	38'	209	Jefferson County, Alabama; Mack H. Jenkins and William Cantrell.
Virginia, <i>Pinus virginiana</i> Mill. (Co-Champion) (1981)	8'4"	79'	68'	204	Union County, Georgia; Sheldon Henderson.
Western White, <i>Pinus monticola</i> Dougl. ex D. Don (1972)	20'7"	239'	40'	496	Near Medford, Oregon; Joe Delsman and Ed Zboralski.
Whitebark, <i>Pinus albicaulis</i> Engelm. (1980)	12'11"	60'	36'	224	Idaho County, Idaho; Fred Johnson, Ray Hoff, and 1976 Field Ecology Class.
PISTACHE					
Texas, <i>Pistacia texana</i> Swingle (1976)	4'3"	39'	46'	102	Val Verde County, Texas; Benny Simpson, J.J. McEntire and J.B. Norris.
PLANETREE — see SYCAMORE					
PLANERTREE					
<i>Planera aquatica</i> Gmel. (1967)	8'4"	77'	47'	189	Gadsden County, Florida; J.C. Lollie and Charles Salter.

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
PLUM					
Allegheny, <i>Prunus alleghaniensis</i> Porter (1976)	3'6"	20'	24'	68	Burke's Garden, Virginia; Louise Hoge.
American, <i>Prunus americana</i> Marsh. (1972)	3'	35'	35'	80	Oakland County, Michigan; Paul Thompson.
Canada, <i>Prunus nigra</i> Ait. (1972)	4'2"	51'	48'	113	Macomb County, Dodge State Park, Michigan; Paul Thompson.
Chickasaw, <i>Prunus angustifolia</i> Marsh. (1978)	3'6"	29'	28'	78	Gainesville, Florida; Robert Simons.
Flatwoods, <i>Prunus umbellata</i> Ell. (1974)	3'4"	33'	28'	80	Colclough Pond Wildlife Sanctuary, Florida; Robert Simons.
*Garden, <i>Prunus domestica</i> L. (1976)	7'7"	45'	40'	146	Portland, Oregon; Frank Sesock.
Hortulan, <i>Prunus hortulana</i> Bailey (1972)	2'9"	27'	30'	68	Van Meter State Park, Missouri; Kendall Laughlin.
Klamath, <i>Prunus subcordata</i> Benth. (1972)	3'6"	28'	19'	75	Klamath Falls, Oregon; Frank Sesock.
Mexican, <i>Prunus mexicana</i> Wats. (1981)	4'11½"	25½'	34½'	94	Irving, Texas; Michael D. Miesch Jr.
POISON-SUMAC					
<i>Toxicodendron vernix</i> (L.) Kuntze (1972)	3'1"	20'	25'	63	Robins Island, New York; George Peters.
POISONTREE					
Florida, <i>Metopium toxiferum</i> (L.) Krug & Urban (1973)	5'3"	63'	72'	144	Viscaya Hammock, Florida; Albert Hetzell and Ron Smith.
POND-APPLE					
<i>Annona glabra</i> L. (1975)	2'8"	37'	28'	76	Snapper Creek Hammock, Florida, Clifford Shaw.
PONDCEPRESS					
<i>Taxodium distichum</i> var. <i>nutans</i> (Ait.) Sweet (1972)	23'8"	135'	79'	439	Near Newton, Georgia; Arthur Walters.
PONGAM					
* <i>Pongamia pinnata</i> (L.) Pierre (1974)	9'8"	47'	68'	280	Miami, Florida; Ron Smith, Al Hetzell and Tom McClean.
POPLAR (see also COTTONWOOD)					
Balsam, <i>Populus balsamifera</i> L. (1976)	12'11"	128'	88'	305	Marquette County, Michigan; Harold Nett and Paul Thompson.
White, <i>Populus alba</i> L. (1980)	19'11"	86'	112'	353	South of Chaveroix, Michigan; Paul W. Thompson.
PORLIERIA					
Texas, <i>Gualacum angustifolium</i> Engelm. (1974)	2'8"	26'	22'	64	Alamo, Texas; Terry Fears.
PORTIATREE (LIGNUMVITAE)					
* <i>Thespesia populnea</i> (L.) Soland. (1968)	9'	42'	69'	167	Kekaha, Kauai, Hawaii; L.W. Bryan.
POSSUMHAW					
<i>Ilex decidua</i> Walt. (1981)	3'	42'	52'	91	Congaree Swamp National Monument, South Carolina; L.L. Gaddy and Guy Taylor.
PRICKLY-ASH					
Common, <i>Zanthoxylum americanum</i> Mill. (1980)	10"	25'	20'	40	Beverly Hills Rouge Park, Michigan; Paul Thompson.
Lime, <i>Zanthoxylum fagara</i> (L.) Sarg. (1975)	1'6"	15'	30'	41	Bee County, Texas; Ernest Miller.
PRIVET					
*California, <i>Ligustrum ovalifolium</i> Hassk. (1977)	4'2"	28'	30'	86	Carroll County, Mississippi; H.P. Bryan.
Chinese, <i>Ligustrum sinense</i> Lour. (1981)	4'10"	45'	46'	115	Pickens County, South Carolina; Roland E. Schoenike, W.H. Davis McGregor, and Art T. Shearin.
Japanese, <i>Ligustrum japonicum</i> Thunb. (1981)	(at 4') 4'	44'	39'	102	Greenville, South Carolina; Roland E. Schoenike and W.H. Davis McGregor.
REDBAY					
<i>Persea borbonia</i> (L.) Spreng. (1972)	13'8"	58'	68'	239	Randolph County, Georgia; George Walker.
	(at 1'6")				
EDBERRY (EUGENIA or STOPPER)					
<i>Eugenia confusa</i> DC. (1973)	4'7"	43'	21'	103	Viscaya, Florida; Albert Hetzell and Ron Smith.
*Introduced					

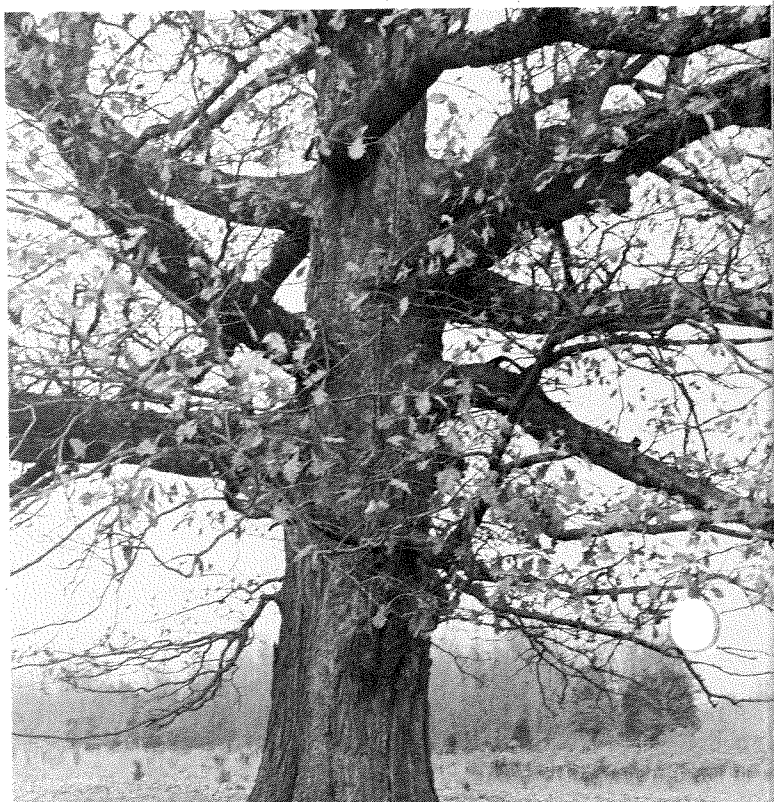
Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
REDBUD California, <i>Cercis occidentalis</i> Torr. ex Gray (1980) Eastern, <i>Cercis canadensis</i> L. (1976)	6'2" 8'2"	29' 47'	35' 36'	112 154	Santa Rosa, California; E. Lagel. Springfield, Missouri; Robert AuBuchon and William Todd.
REDWOOD Coast, <i>Sequoia sempervirens</i> (D. Don.) Endl. (1972)	52'5"	362'	74'	1010	Humboldt Redwoods State Park, California; Paul Zinke.
RHODODENDRON Pacific, <i>Rhododendron macrophyllum</i> D. Don. ex G. Don. (1976) Rosebay, <i>Rhododendron maximum</i> L. (1981)	1'8" 2'1"	33' 40'	20' 22'	58 71	Medocino County, California; Frank Sesock. Ellicott's Rock Wilderness Area, South Carolina; Roland E. Schoenike.
RIBBONBUSH <i>Adenostana sparsifolium</i> Torr. (1977)	3'6"	23'	18'	70	Warner Springs, California; Frank Sesock.
ROYALPALM Florida, <i>Roystonea elata</i> (Bartr.) F. Harper (1973)	6'6"	80'	32'	166	Homestead, Florida; Albert Hetzell and Ron Smith.
RUSSIAN-OLIVE <i>Eleagnus angustifolia</i> L. (1980)	9'10"	65'	38'	193	Salt Lake City, Utah; Tony Dietz.
SAPODILLA * <i>Manilkara zapota</i> (L.) var. <i>Royen</i> (1973)	8'3"	50'	29'	156	Perrine Tract, Florida; Alice Cohen, Raymond Hardy and Ron Smith.
SASSAFRAS <i>Sassafras albidum</i> (Nutt.) Nees (1972)	17'3"	100'	68'	324	Owensboro, Kentucky; Mrs. O.W. Rash.
SATINLEAF <i>Chrysophyllum oliviforme</i> L. (1976)	5'5"	42'	37'	116	Miami, Florida; Clifford Shaw and Albert Hetzell.

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
SATINWOOD West Indies, <i>Zanthoxylum flavum</i> Vahl (1979)	3'7"	20'	30'	71	Bahia Honda State Park Recreation Area, Florida; Captain John Baust.
SAW-PALMETTO <i>Serenoa repens</i> (Bartr.) Small (1976)	1'3"	14'	6'	31	Micanopy, Florida; Robert Simons.
SEA AMYRIS (TORCHWOOD) <i>Amyris elemifera</i> L. (1975)	1'	24'	13'	39	Homestead, Florida; Clifford Shaw and Jim Tilmant.
SEAGRAPE <i>Coccoloba uvifera</i> (L.) L. (1972)	8'2"	57'	69'	172	Miami, Florida; Don McGarthy.
SEQUOIA Giant, <i>Sequoiadendron giganteum</i> (Lindl.) Buchholz (1975)	83'2"	275'	107'	1300	"General Sherman", Sequoia National Park, California; Isabell Story.
SERVICEBERRY Downy, <i>Amelanchier arborea</i> (Michx.f.) Fern. (1959) Roundleaf, <i>Amelanchier sanguinea</i> (Pursh) DC. (1972) Western, <i>Amelanchier alnifolia</i> (Nutt.) Nutt. (1975)	8'6" 1'4" 3'9" (at 3')	50' 38' 27'	50' 20' 22'	165 59 78	New Philadelphia, Ohio; John Zimmerman. Keweenaw County, Michigan; Paul Thompson. Douglas County, Oregon; Frank Sesock.
SEVEN YEAR APPLE <i>Genipa clusifolia</i> (Jacq.) Griseb. (1975)	11"	25'	11'	39	Homestead, Florida; Clifford Shaw and Jim Tilmant.
SILKTASSEL Wavyleaf (Coast), <i>Garrya elliptica</i> Dougl. ex Lindl. (1972)	2'4" (at 3')	29'	22'	63	Azalea Park, Brookings, Oregon; Frank Sesock.
SILKTREE * <i>Albizia julibrissin</i> Durazz. (1971)	9'8" (at 3')	41'	60'	172	Upshur County, Texas; James Whaley and Kim Sechler.
SILVERBELL Carolina, <i>Halesia carolina</i> L. (1979) Two-wing, <i>Halesia diptera</i> Ellis (1971)	13'6" 4'1"	86' 55'	28' 38'	255 114	Great Smoky Mountains, Tennessee; Kenneth Johnson. Maclay Gardens State Park, Florida; Charles Salter.
SILVERPALM Florida, <i>Coccothrinax argentata</i> (Jacq.) Bailey (Co-Champion) (1976) Florida, <i>Coccothrinax argentata</i> (Jacq.) Bailey (Co-Champion) (1979)	1'10" 1'7"	22' 27'	6' 6'	46 48	Bahia Honda State Park, Florida; Clifford Shaw and George Avery. Bahia Honda State Recreation Area, Florida, Captain John A. Baust.
SMOKETHORN <i>Dalea spinosa</i> Gray (1976)	4'	17'	12'	68	Anza Borrego State Park, California; Frank Sesock.
SMOKETREE American, <i>Cotinus obovatus</i> Raf. (1974)	5'	47'	32'	115	Lewiston, Idaho; F.D. Johnson and Dendrology Class.
SNOWBELL American, <i>Styrax americanus</i> Lam. (1981)	8"	15'	11'	26	Clemson University Forest, South Carolina; Roland E. Schoenike and W.H. Davis McGregor.
SOAPBERRY Western, <i>Sapindus drummondii</i> Hook & Arn. (Co-Champion) (1979) Western, <i>Sapindus drummondii</i> Hook. & Arn. (Co-Champion) (1979) Wingleaf, <i>Sapindus saponaria</i> L. (1977) *Introduced	8'4" 6'10" 7'1"	53' 67' 70'	60' 55' 39'	164 163 165	Carnegie Park, Oklahoma; Mr. Floyd Clay. Newton County, Texas; James Whaley and Terry Sloan. Southeast of Gainesville, Florida; Robert Simons.

Georgia Oak, South of Warm Springs, GA



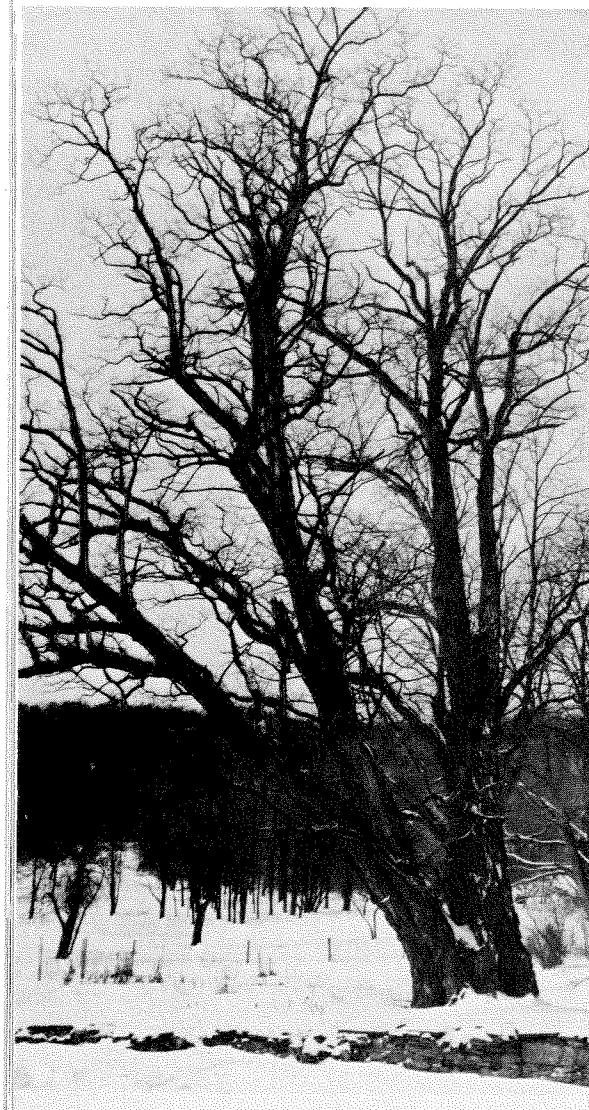
Swamp White Oak, Tompkinsville, KY



Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
SOPHORA (MESCALBEAN)					
Mescalbean, <i>Sophora secundiflora</i> (Gomez Ortega) Lag. (1977)	2'3"	15'	30'	50	Bee County, Texas; Ernest Miller.
Texas, <i>Sophora affinis</i> Torr. & Gray (1972)	5'	33'	30'	101	Real County, Texas; John Haislet.
SOURWOOD					
<i>Oxydendrum arboreum</i> (L.) DC. (1972)	6'5"	118'	25'	201	Nantahala National Forest, North Carolina; Elbert Wilkie.
SPARKLEBERRY					
Tree, <i>Vaccinium arboreum</i> Marsh. (1977)	3'7"	30'	30'	81	Pensacola, Florida; Mark Scheller.
SPRUCE					
Black, <i>Picea mariana</i> (Mill.) B.S.P. (1972)	5'	83'	20'	148	Superior National Forest, Minnesota; Nels Lee and James Lyle.
Blue (Colorado), <i>Picea pungens</i> Engelm. (Co-Champion) (1980)	15'6"	122'	36'	317	Wasatch County, Utah; A.J. Frandsen and Sherel Goodrich.
Blue (Colorado), <i>Picea pungens</i> Engelm. (Co-Champion) (1964)	15'11"	126'	36'	326	Gunnison National Forest, Colorado; James Lee.
Brewer, <i>Picea brewerana</i> Wats. (1964)	13'8"	170'	39'	344	Siskiyou National Forest, Oregon; Robert Boston and J. Elwin Keatley.
Engelmann, <i>Picea engelmannii</i> Parry ex Engelm. (1970)	24'2"	179'	43'	480	Payette Lake, Idaho; Bill Petzak.
*Norway, <i>Picea abies</i> (L.) Karst. (1976)	15'5"	108'	55'	307	Durham, New Hampshire; Mrs. Mamie Marty.
Red, <i>Picea rubens</i> Sarg. (1973)	13'9"	110'	50'	288	Great Smoky Mountains National Park, North Carolina; Landon Ray.
Sitka, <i>Picea sitchensis</i> (Bong.) Carr. (1973)	52'6"	216'	93'	869	Seaside, Oregon; Maynard C. Dawson.
White, <i>Picea glauca</i> (Moench) Voss (1975)	9'8"	128'	25'	250	Koochiching County, Minnesota; Douglas Ford, Richard Stapleton, and Eugene Jamrock.
STAGGER-BUSH (LYONIA)					
<i>Lyonia ferruginea</i> Nutt. (1971)	2'5"	40'	21'	74	Orange Home, Florida; F.C. Hester.
STEWARTIA					
Mountain, <i>Stewartia ovata</i> (Cav.) Weatherby (1972)	7"	27'	13'	37	Oconee County, South Carolina; R.E. Schoenike.
STOPPER (see REDBERRY)					
SUGARBERRY					
<i>Celtis laevigata</i> Willd. (1976)	24'9"	78'	110'	403	Society Hill, South Carolina; Edward Drayton and C.K. Dunlap.
SUMAC					
Evergreen, <i>Rhus virens</i> Gray (1975)	1'10"	17'	22'	45	Austin, Texas; Mr. and Mrs. Jack Lenhart.
Prairie, <i>Rhus lanceolata</i> (Gray) Britton (1977)	3'9"	29'	23'	80	Comal County, Texas; Rudy Schlather.
Shining, <i>Rhus copallina</i> L. var. <i>copallina</i> (1974)	2'7"	55'	22'	92	Grenada County, Mississippi; Robert Butler and Warren Anding.
Smooth, <i>Rhus glabra</i> L. (1976)	1'11"	42'	23'	71	Akron, Alabama; Ronald E. True.
Southern, <i>Rhus copallina</i> var. <i>leucantha</i> (Jacq.) DC. (1972)	1'1"	22'	15'	39	Camp Chenyata, Florida; Arden Streit.
Staghorn, <i>Rhus typhina</i> L. (1972)	2'3"	49'	30'	84	Orchard Lake, Michigan; Paul Thompson.
Sugar, <i>Rhus ovata</i> Wats. (1977)	4'9"	20'	32'	85	Globe, Arizona; Frank Sesock.
	(at 1'6")				
SWAMP CYRILLA					
Swamp, <i>Cyrilla racemiflora</i> L. (1981)	3'10"	52'	28'	105	Washington County, Florida; Charles R. Reeves.
SWAMP PRIVET					
<i>Forestiera acuminata</i> (Michx.) Poir. (1971)	2'7"	42'	25'	79	Richland County, South Carolina; C.C. Hills.
SWEETBAY (see MAGNOLIA)					
SWEETGUM					
American, <i>Liquidambar styraciflua</i> L. (1970)	19'8"	125'	100'	386	Richland County, South Carolina; M.M. Russell and Charles C. Hill.
*Introduced					

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
SWEETLEAF					
<i>Symplocos tinctoria</i> (L.) L'Her. (1972)	3'11"	55'	27'	109	Tallahassee, Florida; Malcolm Johnson.
JYCAMORE					
<i>Platanus occidentalis</i> L. (1973)	39'	96'	100'	589	Estill County, Kentucky; Glendon Newton.
Arizona, <i>Platanus wrightii</i> Wats. (1981)	23'7"	114'	116'	426	Sierra County, New Mexico; Donald L. Darling.
California, <i>Platanus racemosa</i> Nutt. (1945)	27'	116'	158'	480	Santa Barbara, California; Maunsell Van Rensselaer.
TALLOWTREE					
<i>Sapium sebifereum</i> (L.) Roxb. (1978)	10'	52'	86'	194	Travis County, Texas; Mrs. Leona Grimes.
TALLOWWOOD					
<i>Ximenia americana</i> L. (1975)	1'4"	25'	21'	46	Homestead, Florida; Clifford Shaw and Jim Tilmant.
TAMARACK (Eastern Larch)					
<i>Larix laricina</i> (DuRoi) K. Koch (1972)	9'8"	95'	50'	224	Jay, Maine; Fred Huntress.
TAMARISK					
*Small-flower, <i>Tamarix parviflora</i> DC. (1976)	3'2"	31'	31'	77	Washtenaw County, Michigan; Paul Thompson.
<i>Tamarix chinensis</i> Lour. (1981)	12'6"	34'	38'	194	Columbus, New Mexico; Ralph Fisher Jr.
TANOAK					
<i>Lithocarpus densiflorus</i> (Hook. & Arn.) Rend. (1969)	28'8"	100'	76'	463	Kneeland, California; Cornell Paddock.
TESOTA					
<i>Olneya tesota</i> Gray (1972)	14'10"	31'7"	58'8"	225	Near Quartzsite, Arizona; Mr. and Mrs. Keith McCauley.
TORCHWOOD (see SEA AMYRIS)					
TORREYA					
California, <i>Torreya californica</i> Torr. (1945)	14'10"	141'	39'	329	Near Mendocino, California; Edward Simons.
Florida, <i>Torreya taxifolia</i> Arn. (1972)	9'1"	45'	40'	164	Norlina, North Carolina; Robert Simons.
TOYON (see CHRISTMASBERRY)					
TRIFOLIATE-ORANGE					
* <i>Poncirus trifoliata</i> (L.) Raf. (1968)	1'7"	26'	24'	51	Harrisburg, Pennsylvania; Albert Mickalitis.
	(at 1')				
TULIPTREE (see also YELLOW-POPLAR)					
*African, <i>Spathodea campanulata</i> Beauv. (1974)	8'6"	67'	38'	179	Thomas Edison Arboretum, Florida; Vicki King and George Krauss.
TUPELO					
Black, <i>Nyssa sylvatica</i> Marsh. var. <i>sylvatica</i> (Co-Champion) (1969)	16'7"	117'	69'	333	Harrison County, Texas; Velton Bogue.
Black, <i>Nyssa sylvatica</i> Marsh. var. <i>sylvatica</i> (Co-Champion) (1971)	15'1"	139'	83'	341	Near Easterly, Texas; David Rolke.
Ogeechee, <i>Nyssa ogeche</i> Bartr. ex Marsh. (1976)	8'	60'	64'	172	St. Vincent National Wildlife Refuge, Florida; Frank Zontek and Sim Vickery.
Swamp, <i>Nyssa sylvatica</i> var. <i>biflora</i> (Walt.) Sarg. (Co-Champion) (1976)	13'1"	112'	52'	282	Richland County, South Carolina; Chick Gaddy and Sam Marbut.
Swamp, <i>Nyssa sylvatica</i> var. <i>biflora</i> (Walt.) Sarg. (Co-Champion) (1981)	13'	120'	39'	286	Congaree Swamp National Monument, South Carolina; L.L. Gaddy.
Water, <i>Nyssa aquatica</i> L. (1972)	27'1"	105'	58'	445	Kinder, Louisiana; Louis Sonnier.
VAUQUELINA					
Torrey, <i>Vauquelinia californica</i> (Torr.) Sarg. (1977)	3'10"	26'	24'	78	Mt. Lemmon, Arizona; Frank Sesock.
BURNUM					
American Cranberrybush, <i>Viburnum triolobum</i> Marsh. (1977)	11"	23'	18'	39	Oakland County, Michigan; Paul Thompson.
*Introduced					

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
Possumhaw, <i>Viburnum nudum</i> L. (1972)	1'	26'	9'	40	Fort McCoy, Florida; Paul Bielling.
Walter, <i>Viburnum obovatum</i> Walt. (1976)	1'10"	30'	23'	58	Sanchez Prairie, Gainesville, Florida; Robert Simons.
WALNUT					
Arizona, <i>Juglans major</i> (Torr.) Heller (1971)	15'9"	43'	71'	250	The Research Ranch, Elgin, Arizona; Don Richard.
Black, <i>Juglans nigra</i> L. (1975)	22'	132'	133'	429	Humboldt County, California; Louise Read Paine.
California, <i>Juglans californica</i> Wats. (1973)	20'1"	116'	95'	381	Near Chico, California; Gordon Foster.
Hinds, <i>Juglans hindsii</i> Jeps. (1955)	18'7"	95'	—	—	Colusa County, California; Woodbridge Metcalf.
Little, <i>Juglans microcarpa</i> Berland. (1980)	13'4"	49'8"	80'	230	Denton County, Texas; Jim M. Lewis.
WASHINGTONIA					
California (Fanpalm), <i>Washingtonia filifera</i> (Linden ex André) H. Wendl. (Co-Champion) (1971)	11'	55'	13'	190	Hollywood, California; Michael Shields.
California (Fanpalm), <i>Washingtonia filifera</i> (Linden ex Andre) H. Wendl. (Co-Champion) (1978)	8'4"	89'	17'	193	Sacramento State Capitol Grounds, California; Brian Barrette and Mark Stanley.
WATERLOCUST					
<i>Gleditsia aquatica</i> Marsh. (1980)	7'1"	91'	40'	186	Pulaski County, Illinois; John White.
WHITE-MANGROVE					
<i>Laguncularia racemosa</i> (L.) Gaertn.f. (1971)	5'3"	34'	27'	104	Collier County, Florida; Elbert Schory.



Pawpaw, Near Smith Mills, KY

Black Locust, Dansville, NY

Species and Year of Most Recent Measurement	Circumference at 4½ feet	Height	Spread	Total Points	Location of Tree & Nominator
WILLOW					
Arroyo, <i>Salix lasiolepis</i> Benth. (1975)	3'7" (at 3')	27'	20'	75	Wallowa County, Oregon; Frank Sesock.
Autumn, <i>Salix serissima</i> (Bailey) Fern. (1976)	2'2"	38'	30'	72	Birmingham, Michigan; Paul Thompson.
Balsam, <i>Salix pyrifolia</i> Anderss. (1964)	11"	15'	7'	28	Chippewa County, Michigan; Jarl Hiltunen.
Bebb, <i>Salix bebbiana</i> Sarg. (1972)	1'6"	37'	12'	58	Leelanau County, Michigan; Paul Thompson.
Black, <i>Salix nigra</i> Marsh. (1973)	28'1"	90'	96'	451	Traverse City, Michigan; H. Harvey.
Bonpland, <i>Salix bonplandiana</i> H.B.K. Bebb (1975)	10'7" (at 2')	37'	45'	175	Midland, Oregon; Frank Sesock.
Coastal Plain, <i>Salix caroliniana</i> Michx. (1974)	3'	75'	15'	115	Gads Bay, Florida; Robert Simons.
Crack, <i>Salix fragilis</i> L. (1972)	24'10"	112'	116'	439	Macomb County, Michigan; Harold Nett.
Hinds, <i>Salix hindsiana</i> Benth. (1974)	4'11" (at 4')	37'	34'	105	Grants Pass, Oregon; Frank Sesock.
Hooker, <i>Salix hookerana</i> Barratt (1975)	4'3"	32'	27'	90	Warrenton, Oregon; Frank Sesock.
Meadow, <i>Salix petiolaris</i> J. E. Sm. (Co-Champion) (1976)	1'1"	34'	18'	52	Leelanau County, Michigan; Paul Thompson.
Meadow, <i>Salix petiolaris</i> , J.E. Sm. (Co-Champion) (1967)	1'3"	31'	14'	50	Indiana Dunes National Lakeshore, Indiana; Kendall Laughlin.
Pacific, <i>Salix lasiandra</i> Benth. (1972)	8'9"	74'	55'	193	Grants Pass, Oregon; Frank Sesock.
Peachleaf, <i>Salix amygdaloides</i> Anderss. (1975)	23'8"	67'	80'	371	Union County, Oregon; Frank Sesock.
*Purple-osier, <i>Salix purpurea</i> L. (1972)	1'3"	37'	49'	64	Leelanau County, Michigan; Paul Thompson.
Pussy, <i>Salix discolor</i> Muhl. (1972)	5'2"	40'	45'	113	Wilmington, Massachusetts; Jay Gottesfeld.
Sandbar, <i>Salix exigua</i> Nutt. (1975)	3'10"	27'	12'	76	Morrow County, Oregon; Frank Sesock.
Scouler, <i>Salix scoulerana</i> Barratt (1973)	19'5"	53'	45'	297	Willamina, Oregon; John Rienstra.
Shining, <i>Salix lucida</i> Muhl. (Co-Champion) (1971)	7'6"	60'	58'	165	Traverse City, Michigan; Paul Thompson.
Shining, <i>Salix lucida</i> Muhl. (Co-Champion) (1981)	8'5"	48'	48'	161	North Wales Estate, Warrenton, Virginia; Richard Salzer.
Silky, <i>Salix sericea</i> Marsh. (1980)	1'10"	22'	13'	47	Pisgah National Forest, North Carolina; R.E. Schoenike.
Sitka, <i>Salix sitchensis</i> Sanson ex Bong. (1976)	5'10"	32'	36'	111	Otis, Oregon; Mona Browning.
Tracy, <i>Salix tracyi</i> Ball. (1975)	3'	20'	15'	60	Central Point, Oregon; Frank Sesock.
*Weeping, <i>Salix babylonica</i> L. (Co-Champion) (1976)	23'1"	80'	102'	383	Livingston County, Michigan; J. Pergament and Paul Thompson.
*Weeping, <i>Salix babylonica</i> L. (Co-Champion) (1972)	20'9"	106'	114'	384	Detroit, Michigan; Paul Thompson.
*White, <i>Salix alba</i> L. var. <i>vitellina</i> (L.) Stelles (1972)	28'7"	83'	132'	459	Jackson County, Michigan; Paul Thompson.
*White, <i>Salix alba</i> L. var. <i>calva</i> G. F. W. Mey (1972)	20'	75'	65'	331	Near Ellensburg, Washington; Hugh Paradise.
Yewleaf, <i>Salix taxifolia</i> H.B.K. (1981)	5'2"	30'	25'	98	Near Fort Davis, Texas; Frank T. Sesock.
WINTERBERRY					
Common, <i>Ilex verticillata</i> (L.) Gray (1971)	2'4"	40'	16'	72	Wildwood, Florida; F.C. Hester.
Mountain, <i>Ilex montana</i> Torr. & Gray (1972)	2'1"	40'	80'	85	Brooklyn Botanic Garden, New York; George Peters.
WITCH-HAZEL					
<i>Hamamelis virginiana</i> L. (1976)	1'5"	43'	41'	70	Wooded Dune State Park, Michigan; Paul Thompson.
YAUPON					
<i>Ilex vomitoria</i> Ait. (1972)	4'1"	45'	40'	104	Near Devers, Texas; John Haislet.
YELLOW-POPLAR					
Tuliptree <i>Liriodendron tulipifera</i> L. (1972)	30'3"	124'	122'	518	Bedford, Virginia; Kenneth Crouch and Glen Garrett.
YELLOWWOOD					
<i>Cladrastis kentukea</i> (Dum.-Cours.) Rudd K. Koch (Co-Champion) (1967)	16' (at 3')	58'	70'	268	Morrisville, Pennsylvania; John McNeil.
<i>Cladastris kentuckea</i> (Dum.-Cours.) Rudd K. Koch (1981)	13'11"	76'	95'	267	Ann Arbor, Michigan; Mrs. Walter Esch and Paul Thompson.
YEW					
Florida, <i>Taxus floridana</i> Nutt. ex Chapm. (1971)	1'3"	18'	28'	40	Torrey State Park, Florida; James Stevenson.
Pacific, <i>Taxus brevifolia</i> Nutt. (1969)	14'8"	60'	57'	250	Near Mineral, Washington; Bruce Malcolm, Lenard Barnhouse, August Storkman and Roger Levitt.
YUCCA					
Aloe, <i>Yucca aloifolia</i> L. (1972)	1'8"	15'	4'	36	Lakeland, Florida; Eldridge Carnes.
Carneros (Spanish-dagger), <i>Yucca carnerosana</i> (Trel.) McKelvey (1977)	4'3"	25'	10'	79	Sierra Blanca, Texas; Frank Sesock.
*Introduced					

How to Measure a Tree for AFA's National Register

A TREE IS DEFINED as a woody plant having one erect perennial stem or trunk at least 9½ inches in circumference at a point 4½ feet above the ground, a definitely formed crown of foliage, and a height of at least 12 feet.

THE DATA DESIRED on each tree submitted should include:

(1) its correct species or variety name in accordance with *Check List of Native and Naturalized Trees of the United States*, U.S. Department of Agriculture Handbook No. 41;

(2) circumference in feet and inches at 4½ feet above the ground;

(3) total vertical height to nearest foot;

(4) average diameter spread of crown to nearest foot;

(5) location of tree;

(6) date measured and by whom (if other than nominator);

(7) name and address of owner;

(8) photograph (with date picture taken);

(9) description of physical condition and state of preservation; and

(10) name and correct mailing address of the nominator.

THE CIRCUMFERENCE OF THE TREE is measured at a point 4½ feet above the center of the base of the tree. In the case of a growth or a branch on the trunk at this point, the circumference is measured in feet and inches at the point below this where the circumference is least.

THE TOTAL HEIGHT OF THE TREE is the vertical distance between a horizontal plane passing through the center of the base of the tree and a horizontal plane passing through the topmost twig of the tree. If the tree leans, this topmost branch may not be vertically over the

base of the tree. For this reason, the measurer must stand out from the tree far enough so that he can spot this topmost branch from at least two directions and drive a stake at a point on the ground directly below it at the intersection of his line of sight when holding a string with a plumb bob or other weight attached in line with this tip and sighting to the ground. He should then tie his handkerchief around the stake with the top edge just level with the center of the base of the tree. (Of course where the top is directly over the base on level ground, no stake is needed.) He can then measure the vertical distance from the top of the handkerchief on the stake (or the base point of the tree where no stake is required) to the topmost branch with any suitable hypsometer available—such as an Abney hand level, a Forest Service hypsometer, a transit, or other instrument.

TO DETERMINE THE CROWN SPREAD, use a string with a plumb bob or other weight attached. Holding the string at the top and sighting up the vertical cord, move towards or away from the tree trunk until you are directly vertical from the edge of the tree crown. Set a stake under the edge of the crown farthest from the tree and another directly opposite it at the outer edge of the crown on the other side on a line passing through the center of the tree. Move these stakes until you have the longest distance of the crown passing through the trunk. Measure this distance to the nearest foot with a tape. Now similarly measure the smallest diameter of the crown passing through the center of the tree. Add the two measurements together and divide the sum by two to obtain the *average* crown spread which you should report.

SEND NOMINATIONS TO: National Register of Big Trees, American Forestry Association, 1319 18th Street N.W., Washington, D.C. 20036.