Working Copy

BIG TREES

OKLAHOMA STATE CHAMPIONS

The Forestry Division of the State Department of Agriculture maintains the official Big Tree list for the State of Oklahoma. The American Forestry Association is responsible for the National Register of Big Trees, noting the National Champions for most native and naturalized tree species in the United States. Oklahoma currently has only one National Champion: the Blackjack Oak near Wakita in Grant County.

The Forestry Division encourages new entries for species on the list, and for those not presently listed. Accurate species identification is extremely important. Common and scientific names should conform to the Checklist of United States Trees (Native and Naturalized), by Elbert L. Little.

A tree's "bigness" is determined from a combination of three measurements:

1. Circumference, in inches, as measured at $4\frac{1}{2}$ feet above the ground (DBH). If the trunk is deformed at this point, use the smallest diameter below this height. If the trunk forks below $4\frac{1}{2}$ feet, measure the largest fork.

2. Height, in feet, is the vertical distance from the ground to the topmost branch in the crown.

3. Crown spread, in feet, is the average of the maximum and minimum spreads, from branch tip to branch.

The point total is determined by adding the Circumference (in inches), the Height (in feet), and one-fourth of the average Crown Spread (in feet). Entries are then compared to designate the Champion trees for each species.

The following information is need in addition to the above measurements to nominate a tree: accurate location, name and address of landowner, name and address of reporter, and other items which will help a forester relocate the tree. Please send entries for Big Trees to:

Oklahoma Forestry Division
2800 N. LIncoln
Oklahoma City, OK 73105
(405) 521-3886

Thanks for your interest! The list that follows includes those species considered native and naturalized, followed by a list of other trees.

Oklahoma Forestry Division
Revised: November, 1983

BIG TREES
OKLAHOMA STATE CHAMPIONS
(Native and Naturalized)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION; OWNER: YEAR MEASURED
Ailanthus Ailanthus altissima	6' 7"	38'	45'	128	Michael P. Vorwerk	½ mi. E. of jct. of Plato Road and 5th St. in Duncan; Gerald Crosby. (1980)*
Ash, Blue Fraxinus quadrangulata	7' 3"	62'	42'	160	Philip M. Hayden Noble Casey	Cookson Hills Game Management Area, Cherokee Co. (1980)
Ash, Green Fraxinus pennsylvanica	9' 9"	82'	62'	214	Charles Isom Owen Kellogg	Sec. -T1N-R16E, Pushmataha Co. James Doss. (1982)
Ash, White Fraxinus americana	5' 9"	94'	40'	173	Mark D. Worten James LeForce	Sec. 11-T2S-R20E, Between Pickens and Cloudy Tower, McCurtain Co.; Weyerhaeuser Co. (1980)
Baldcypress Taxodium distichum	32'4"	118'	97'	531	Stephen M. Mattax	7 mi. E. of Broken Bow on State Hwy 3, McCurtain Co.; Dr. Lewis Stiles. (1980)
Basswood, American Tilia americana (co-champion)	6' 8"	82'	55'	176	Mark D. Worten James LeForce	Sec. 11-T2S-R20E, between Pickens and Cloudy Tower, McCurtain Co.; Weyerhaeuser Co. (1980)
Basswood, American (co-champion)	7'10"	68'	54'	175	Philip M. Hayden Stephen M. Mattax	Sec. 5-T19N-R24E, 3 mi. S. of Kansas, Adair Co.; Frates Corp. (1981)
Beech, American Fagus grandifolia	6' 4"	68'	60'	159	Roy Griffith George C. Watts	Se. 34-T3N-R24E, LeFlore Co. USFS. (1981)
Birch, River Betula n[illegible]a	8' 7"	74'	89'	200	Robert P. Doye Dan Stinnett	Sec. 16-T17N-R20E, 3 mi. NW of Hulbert, Cherokee Co[illegible] Corps of Engineers. (1980)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION;OWNER; YEAR MEASURED
Blackgum Nyssa sulvatica	15'10"	108'	89'	320	James D. Langdon	Sec. 14-T1S-R16E, 10 mi. N. of Moyers, Pushmataha Co.; Nekoosa Papers. (1982)
Boxelder Acer negundo	11'6"	64'	70'	219	Robert L. McCord, Jr.	Red Rock Canyon State Park near Hinton. (1978)
Buttonbush Cephalanthus occidentalis	1' 9"	12'	16'	37	Donna Hull Patrick McDowell	Sec. 10-T20N-R20W, Woodward Co;
Catalpa, Northern Catalpa speciosa	14'11"	83'	66'	278	Steve Sprehe Robert P. Doye	S. Madison Ave. Tulsa; Fred G. Shaw. (1979) *
Cherry, Black Prunus serotina	11'1"	90'	93'	246	Philip M. Hayden	Sec. 29-T16N-R26E, 4 mi. E. of Stilwell, Adair Co.; W. S. Allred. (1977)
Chinkapin, Ozark Castanea ozarkensis	3'8"	20'	28'	71	James M. Gleckler	Price and Main Streets, Jay, Delaware Co.; Unknown. (1976)*
Chittamwood Bumelia lanuginosa	5'3"	56'	39'	129	Gary W. Holeman	Methodist Church Camp near Hinton, Canadian Co. (1976)
Coffeetree, Kentucky Gymnocladus dioicus (co-champion)	8'4"	60'	57'	174	Gerald R. Heath	Se. 36-T20N-R15W, SE of Orion, Major Co.; John J. Riddle (1977)
Coffeetree, Kentucky (co-champion)	7'4"	76'	53'	177.25	Robert S. Birchell Robert L. Gardner	Sec. 18-T11N-R10W, Methodist Church Camp, E. of Hinton (1983)
Cottonwood, Eastern Populus deltoides	28'4"	78'	99'	443	Gerald R. Heath	Sec. 34-T22N-R20W, 4 mi. SE of Woodward; Rolla Childers. (1977)
Dogwood, Flowering Cornus florida	4'0"	36'	33'	92	James M. Gleckler John Eitel	Sec. 26-T25N-R23E, near Grove Port in Delaware Co.; Frank Spiva (1979)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION: OWNER: YEAR MEASURED
Elm, American Ulmus americana	16'0"	84'	102'	301.5	Robert S. Birchell Robert P. Doye	Sec. 5-T18N-R13E, Southern HIlls Country Club, Tulsa; Tulsa Co(1982)
Elm, Cedar Ulmus crassifolia	7'4"	71'	40'	169	Stephen M. Mattax	Sec. 23-T12N-R21E, Sequoyah Co.; S. C. Haskins. (1982)
Elm, Lacebark Ulmus parvifolia	6'6"	60'	48'	150	Robert S. Birchell Robert P. Doye	Sec. 34-T20N-R12E, Tulsa Country Club, Tulsa; Tulsa Co. (1982)
Elm, Siberian Ulmus pumila (co-champion)	10'11"	50'	50'	194	Kurtis L. Atkinson	W. Ownes Street, El Reno, Canadian Co.; Willard O. Bigelow. (1978)*
Elm, Siberian (co-champion)	11'8"	38'	64'	194	Robert S. Birchell	Aldersgate Methodist Church, 1100 Howard Dr., Del City, OKla. Co;(1981)
Elm, Slippery - Ulmus serotina	17'4"	88'	80	316	Danny Stone Phil Hayden	2½ miles E of Lenapah, Nowata Co; sec 3, 27N, 16E John State (1983)
Elm, Winged Ulmus alata	5'8"	81'	44'	160	Chris K. Acuff	Sec. 1-T16N-R23E, 7 mi. SE of Tahlequah, cherokee Co.; Corps of Engineers. (1976)
Hackberry Celtis occidentalis	16'10"	78'	72'	298	Robert P. Doye	E. 17th St., Tulsa; Leo M. McFadden, (1979)
Hercules-club Zanthoxylum clava-herculis	1'10"	26'	18'	52	Stephen M. Mattax Philip M. Hayden	Sec. 24-T10N-R25E, 1 mi. NE of Redland, Sequoyah Co.; Jess Russell. (1981)
Hickory, Bitternut Carya cordiformis (co-champion)	6'5"	102'	43'	190	Mark D. Worten James LeForce	Sec. 11-T2S-R20E, between Pickens and Cloudy Tower, McCurtain Co.; Weyerhaeuser Co. (1980)
Hickory, Bitternut (co-champion)	6'5"	104'	40'	191	Mark D. Worten James LeForce	Same as above (1980)
Hickory, Black Carya te[illegible]a	7'3"	64'	46'	162	Philip M. Hayden Mart Kirk	2 mi. S. of Leach, Delaware Co.; Calvin Trimble. (198[illegible]

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION: OWNER: YEAR MEASURED
Hickory, Mockernut Carya tomentosa	6'9"	72'	62'	168	Philip M. Hayden	Sec. 5-T19N-R25E, 5 mi. NW of Watts, Adair Co.; along county Road. (1981)
Hickory, Shagbark Died Carya ovata	~~8'1"~~	~~76'~~	~~50'~~	~~185~~	~~Philip M. Hayden~~	~~Sec. 16-T14N-R24E, ½ mi. N. of Bunch, Adair Co.; Gillis Mayes(1976)~~
Hickory, Water Carya aquatica	10'5"	114'	64'	255	James LeForce Mark E. Worten	Sec. 14-T7S-R24E, McCurtain Co. Weyerhaeuser Co. (1982)
Holly, American Ilex opaca	3'6"	26'	28'	75	Steve Couch	Sec. 32-T1N-R7W, 1107 N. 13th St., Duncan, OK. Meyers Osherwitz (1983)
Honeylocust Gleditsia triacanthos	9'7"	84'	32'	207	James M. Gleckler Stephen M. Bratkovich	Sec. 29-T25N-R24E, 3 mi. NE of Grove, Delaware Co.; Dick Smith (1979)
Hophornbeam, Eastern Ostrya virginiana	2'2"	30'	28'	63	Philip M. Hayden Philip Cummings	Sec. 1-T16N-R22E, 2 mi. NE of Park Hill, Cherokee Co.; unknown. (1980)
Locust, Black Robinia pseudoacacia	9'9"	37'	31'	162	Robert L. McCord, Jr.	Sec. 9-T8N-R10W, in Gracemont, Caddo Co.,;K.O.Underwood. (1978)*
Maple, Red Acer Rubrum	3'6"	73'	36'	124	Philip M. Hayden	Sec 12-T19N-R24E, 4 mi. SE of Kansas, Adair Co.; unknown.(1981)
Maple, Silver Acer saccharinum	15'8"	68'	75'	275	Robert L. McCord, Jr.	B & B Home Center, Davis, Murray Co.; Bill mcNeil. (1978)*
Maple, Sugar Acer saccharum	6'1"	92'	65'	181	Philip M. Hayden	Sec. 33-T26N-R24E, 14 mil E. of Afton, Ottawa Co.;unknown(1981)
Mesquite, Honey Prosopsis glandulosa	7'7"	32'	45'	134	Robert L. McCord, Jr.	Sec. 13-T1S-R16W, 14 mil NE of Frederick, Tillman Co.; Oklahoma Commissioners of Land. (1978)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION:OWNER:YEAR MEASURED
Mulberry, Red Morus rubra	15'7"	58'	75'	264	Gerald R. Heath	1¼ mi. S. and 2 mi. W. of jct. of State Hwy. 132 and Hwy. 11, Grant Co.;J. D. Williams. (1977)
Oak, Black Quercus velutina	14'11"	72'	73'	269	Philip H. Hayden	5 mi. E. of Stilwell, Adair Co.; Bud Winigar. (1979)
Oak, Blackjack Quercus marilandica	13'9"	48'	78'	233	Patrick A. McDowell Alan K. Myatt Donna Hull	Sec. 20-T27N-R8W, 3 mi. W. of jct. of State Hwy. 132 and Hwy. 11, Grant Co.; E.M. Robinson. (1981)
Oak, Bur Quercus macrocarpa	17'11"	58'	86'	295	Robert P. Doye	Zink Park, Tulsa. (1978)*
Oak, Cherrybark Quercus falcata var. pagodifolia (co-champion)	12'7"	80'	98'	256	Tommy C. Smith	Sec. 35-T8S-R25E, 1½ Mi. S. of Haworth, McCurtain Co.; unknown. (1977)
Oak, Cherrybark (co-champion)	10'7"	108'	74	253.5	Norma Smith	Sec. 20-T8S-R27E, USFS, near Moon, OK. (1981)
~~Oka, Chinkapin~~ ~~Quercus muehlenbergii~~ ~~(co-champion)~~	~~11'1"~~	~~65'~~	~~72'~~	~~216~~	Roger L. Davis	~~Sec. 9-T9S-R23E, 9 mi. SW of Idabel, McCurtain Co.; along county road. (1977)~~
Oak, Chinkapin ~~(co-champion)~~ Quercus muehlenbergii	12'1"	74' ~~60'~~	57' ~~54'~~	233 ~~218~~	Philip M. Hayden Philip A. Cummings	Sec. 20-T23N-R12E, Bird Creek bottom, Osage Co. (1982) Dr. Nolan Gross
Oak, Northern Red Quercus rubra	14'6"	82'	78'	276	Philip M. Hayden	5 mi. E. of Stilwell, Adair Co.; Bud Winigar. (1979)
Oak, Overcup Quercus lyrata	11'3"	110'	82'	266	Tommy C. Smith	Sec. 18-T6S-R23E, 3 mi. W. of Golden, McCurtain Co.; Weyerhaeuser Co. (1977)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION: OWNER: YEAR MEASURED
Oak, Pin Quercus palustris	15'8"	110'	100'	323	James J. Gleckler	Sec. 29-T25N-R24E, 2½ mi. NE of Grove, Delaware Co.; Dick Smith (1979)
Oak, Post Quercus stellata	12'8"	60'	68'	229	Robert L. McCord, Jr.	Wichita Mtn. Wildlife Refuge, Comanche Co. (1978)
Oak, Shumard Quercus shumardii	12'10"	122'	93'	299	Robert L. Gardner	Sec. 31-T11N-R10W, 10 mi. S. of Yukon, Canadian Co.; Ken Kitson (1978)
Oak, Southern Red Quercus falcata	17'7"	114'	119'	355	Stephen M. Mattax	Sec. 24-T8S-R23E, 4 mi. SW of Idabel, Joe G. Hendrix. (1980)
Oak, Water Quercus nigra	16'9"	104'	96'	329	James D. Langdon Clifton Wilson	Sec. 32-T2S-R16E, 3 mi. NE of Moyers, Pushmataha Co.; W.H. Emery. (1979)
Oak, White Quercus alba	16'4"	107'	64'	318	Stephen M. Mattax	Beavers Bend State Park, N. of Broken Bow, McCurtain Co. (1980)
Oak, Willow Quercus phellos	15'3"	79'	86'	283	Alan K. Myatt	Sec. 7-T6S-R24E, 1 mi. E. of Broken Bow, McCurtain Co.; Mrs. Ulas W. Cooke. (1975)
Osage-Orange Maclura pomifera	16'2"	63'	59'	272	Stephen M. Mattax	Webbers Falls, Muskogee Co., Mrs. C. L. Garrett. (1982)
Pawpaw Asimina triloba	2'5"	17'	12'	49	Philip M. Hayden Stephen M. Mattax J. D. Hudgins	Oak Street, Stilwell, Adair Co.; Clyde Phillips. (1981)*
Pecan Carya illinoensis	16'6"	93'	72'	309	Robert S. Birchell Robert L. Gardner John A. Beckman	Sec. 29-T3N-R18W, 5 mi. W. of Mountain Park, Kiowa Co.; Cleburen Brown. (1982)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION:OWNER:YEAR MEASURED
Persimmon Diospyros virginiana	7'1"	50'	40'	145	Verdo Hooker	E. 6th St., Ada, Pontotoc Co.; Roy Keller. (1977)*
Pine, Austrian Pinus nigra	6'6"	44'	30'	129	Gerald R. Heath	USDA Field Station, Woodward. (1976)*
Pine, Loblolly Pinus taeda (co-champion)	8'11"	116'	65'	239	Tommy C. Smith	Oklahoma Forestry Division office site, Broken Bow. (1977)
Pine, Loblolly (co-champion)	11'8"	90'	55'	244	Tim Kolnik Paul Ferguson	Ouachita National Forest, 2 mi. N of Haworth, McCurtain Co.; U.S. Forest service. (1979)
Pine, Ponderosa Pinus ponderosa	6'9"	41'	37'	131	Roger L. Davis	6 mi. SW of Kenton, Cimarron Co.; Oklahoma Commissioners of Land.(1980)
Pine, Shortleaf Pinus echinata	9'3"	120'	46'	243	Mark D. Worten G. B. Wright	Sec. 24-T1S-R20E, 3 mi. SE of Nashoba, Pushmataha Co.; Weyerhaeuser Co. (1979)
Pine, Slash Pinus elliottii	6'7"	78'	59'	172	Philip M. Hayden	E. 6th St., Okmulgee; Otto Spring, (1979)*
Redbud, Eastern Cercis canadensis	3'0"	35'	30'	78	Philip M. Hayden Mart Kirk	3 mi. NW of Twin Oaks, Delaware Co.; Steve Stoll. (1981)
Redcedar, Eastern Juniperus virginiana	10'4"	63'	30'	194	Gary W. Holeman	Sec. 23-T19N-R20W, 3 mi. S. of Vici, Dewey Co.; George Turner(1976)
Sassafras Sassafras albidum	7'2"	55'	33'	149	Chris K. Acuff	Northeastern Oklahoma State University, Tahlequah. (1976)*
Serviceberry, Downy Amelanchier arborea	1'6"	35'	21'	58	Philip M. Hayden	Sec. 7-T19N-R25E, along county road 9 mi. SE of Kansas, Adair Co.(1981)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION:OWNER:YEAR MEASURED
Soapberry, Western Sapindus drummondii	~~8'4"~~ 7'6"	~~53'~~ 75	~~60'~~ 45	~~168~~ 176	~~Steven C. Couch~~ Patrick A. McDowell Steven C. Couch	~~City Park, N. of Washita Heights Elem. School, Colony, Washita Co. (1981)~~ SE ¼ Sec. 8; T18N, R3W North side of skeleton creek Coyle, OK. Richard Downey (1983)
Sophora, Texas Sophora affinis	2'11"	34'	30'	76	Dr. John Taylor Dr. Connie Taylor	Sec. 22-T5S-R7E, ¼ mi. N. of Hwy. 199 bridge over Cumberland Cut near Lake Texoma, Bryan Co; Corps of Engineers. (1982)
Sugarberry Celtis laevigata	13'9"	63'	62'	244	Kurtis L. Atkinson Robert S. Birchell	S. Lee St., Oklahoma City; Melvin Smith. (1979)*
Sweetgum Liquidambar styraciflua	8'7"	116'	57'	233	Philip M. Hayden Stephen M. Mattax	Sec. 16-T11N-R27E, 3 mi. W. of Roland, Sequoyah Co.; Richard Cosner. (1981)
Sycamore Platanus occidentalis	23'3"	87'	75'	385	James M. Gleckler	¼ mi. N and ¼ mi. E. of Bird Creek bridge near Sperry, Tulsa Co.; Mrs. Opal Domres. (1977)
Tamarisk (Saltcedar) Tamarix chinensis	1'3"	25'	12'	43	Roger L. Davis	4 mi. N. of Kenton, on Cimarron River, Cimarron Co.; unknown.(1980)
Walnut, Black Juglans nigra	13'5"	66'	82'	247	T. H. Milby, et al	Sec. 12-T8N-R3W, 1 mi. S. of Norman Cleveland Co.; Dickenson trust(1977)
Willow, Black Salix nigra	13'11"	58'	66'	241	Robert L. Gardner	Sec. 28-T6N-R2E, 4 mi. SE of Eason, Pottawatomie Co.;unknown.(1977)
Willow, Sandbar Salix exigua	8"	19'	7'	29	Stephen M. Mattax Philip M. Hayden	Sec. 24-T10N-R25E, 1 mi. NE of Redland, Sequoyah Co.; Jess Russell. (1981)

*Denotes planted rather than native specimen.

OKLAHOMA STATE CHAMPIONS
(Non-native)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION:OWNER:YEAR MEASURED
Apple Malus sylvestris	4'7"	26'	57'	95	Gary W. Holeman	Sec. 34-T10N-R14W, in Colony, Washita Co.;John Kauger.(1976)
Apricot Prunus armeniaca	4'11"	35'	34'	102	Ronald D. Graham	W. Main St., Enid, Garfield Co.; unknown. (1979)
Baldcypress, Montezuma Taxodium mucronatum	2'11"	38'	27'	80	Philip M. Hayden	E. 6th St., Okmulgee; Otto Spring. (1979)
*Crapemyrtle Lagerstroemia indica	2'5"	28'	18'	61	Philip M. Hayden	E. 6th St., Okmulgee; Otto Spring. (1979)
Cypress, Arizona Cupressus arizonica	8'7"	50'	37'	162	Donna Hull	USDA Field Station, Woodward.(1981)
Euonymus Euonymus bungeanus	4'7"	30'	25'	91	Gerald R. Heath	USDA Field Station, Woodward.(1976)
Ginkgo Ginkgo biloba	5'11"	50'	48'	133	Philip M. Hayden	E. 6th St., Okmulgee;Otto Spring (1979)
Goldenraintree Koelreuteria paniculata	5'7"	36'	39'	113	Gary W. Holeman	Arapaho, Custer Col; Frank McGoffin (1976)
Honeylocust (Thornless) Gleditsia triacanthos var.	8'10"	68'	68'	191	Gary W. Holeman	Means City Park, Weatherford, Custer Co. (1978)
Pine, Eastern white Pinus strobus	4'7"	75'	34'	138	Robert S. Birchell	W. McNamee St., Norman, Cleveland Co.; unknown. (1979)

SPECIES	CIRCUM-FERENCE	HEIGHT	CROWN SPREAD	POINTS	REPORTER	LOCATION:OWNER:YEAR MEASURED
Pistache, Chinese Pistacia chinesis	6'8"	41'	45'	132	Donna Hull	USDA Field Station, Woodward(1981)
Planetree, London Platanus acerifolia	10'7"	80'	68'	224	Gary W. Holeman	2 mi. E. and 3½ mi. S. of Blair. Jackson Co.; Larry Wittmer.(1978)
planted 1949 Yellow Poplar Liriodendron tulipifera	5'11" ~~5'7"~~	128' ~~110'~~	64' ~~48'~~	215 ~~189~~	Philip M. Hayden	~~Sec. 9-T14N-R24E~~, 4 mi. N. of Bunch, Adair Co.; Larkin Baker.(1983) close to owner's house
Willow, Weeping Salix babylonica	11'11"	52'	62'	210	Philip M. Hayden Gary W. Holeman	E. Highway 20 in Pryor, Mayes Co.; Lee Kichens. (1981)
Cedar, Lebanon Cedrus labani	8'1"	60'	65'	173	R. Roy Griffith George C. Watts	Sec. 34-T6S-R22E, Wheelock Academy in Mccurtain Co.; (1981)

*Being dropped from National Register.