# 2011 National Register of Big Trees

Status	Species	Common Name	Scientific Name	Nominated	Circum.	Height	Spread	Points	State	Measured	Location	Nominator
Champion	ACACIA	Blackbrush	Acacia rigidula	1999	21	28	39	59	ΑZ		Glendale	Ken Morrow
	AILANTHUS	Tree-of-heaven	Ailanthus altissima	2009	244	55	48	311	VA		Westmoreland	B. & J. Carmean, G. Williamson, C. & H. Wilson
	ALASKA-CEDAR		Cupressus nootkatensis	1979	451			584	WA		Olympic NP	Robert L. Wood, John Aho
	ALDER	Arizona	Alnus oblongifolia	2007	169	111	72	298	AZ		Prescott NF	A. Allgood, D. Thornburg, H. Untiedt
	ALDER	European	Alnus glutinosa	1992	114	72	41	196	ΙA		Scott	Keith Majors
	ALDER	Hazel	Alnus serrulata	2005	46	60	28	113	NY		Huntington	Daniel Karpen
	ALDER	Hazel	Alnus serrulata	2005	49		30	117	NY		Huntington	Daniel Karpen
	ALDER	Mountain	Alnus incana ssp. tenuifolia	1995	94		39	175	WA		Umatilla NF	Slim Stillman
	ALDER	Red	Alnus rubra	2005	288			400	CA		Golden Gate NRA	Eric Ettlinger
	ALDER	Sitka	Alnus iridis ssp. sinuata	1993	34		34	73	WA		King	Mike Lee
	ALDER	Speckled	Alnus incana ssp. rugosa	2011	34	36	23	76	IN		Vanderbough	Shawn Dickerson
	ALDER	White	Alnus rhombifolia	1986	149	92	40	251	OR		Polk	Maynard Drawson
	ALLTHORN	· · · · · · · · · · · · · · · · · · ·	Koeberlinia spinosa	1993	27	23	21	55	AZ		Boyce Thompson Arboretum	Robert and Glenda Zahner
	ALVARADOA	Mexican	Alvaradoa amorphoides	1983	53		30	96	FL		Dade	John C. Cordy, Jim Eggert
	AMERICAN-HAZEL	Hazelnut	Corylus americana	2009	40	35	35	84	MI		Washtenaw	Gail McPherson, Richard Pomorski
	ANACAHUITA	T Id Zonidi	Cordia boissieri	2011	84		33	118	TX		Brownsville	Roy Reyes
Co-Champion			Ehretia anacua	2007	146		59	203	TX		DeWitt County	Pat Dolan
Co-Champion			Ehretia anacua	2007	141		46	208	TX		Mission	James Sherrill
	ANISE-TREE	Florida	Illicium floridanum	1991	36	29	26	72	AL		Perry	Dr. Thomas Wilson
	ANISE-TREE	Yellow	Illicium parviflorum	2009	9	18	9	29	FI		Marion	Jeff Overby
	APPLE	Common	Malus sylvestris	2009	164		_	218	AZ		Gila	Robert Fuller
Co-Champion			Malus fusca	2003	90	48	55	152	WA		Gifford Pinchot NF	Robert Van Pelt
Co-Champion		Oregon crab	Malus fusca	2003	102	41	45	154	WA		Gifford Pinchot NF	Robert Van Pelt
	APPLE	Oregon crab Prairie crab	Malus ioensis	2003			30	70	MO		Callaway	
	APPLE				39						Kent	Ryan Russell
		Southern crab	Malus angustifolia	1996	82		54	123	MD			Eleanor P. Colston
	APPLE	Sweet crab	Malus coronaria	2006	98	39	30	145	VT		Orange	Leigh Wright
	ARAUCARIA	Cunningham	Araucaria cunninghamii	2008	132	71	37	212	CA		San Dimas	Deborah Day
Co-Champion		Oriental	Platycladus orientalis	2011	87	45	62	148	MD		Baltimore	John J. and Annette C. Strauch
Co-Champion		Oriental	Platycladus orientalis	2009	88	54	28	149	OH		Scioto	Brian P. Riley
Co-Champion		Oriental	Platycladus orientalis	2007	93		36	152	KS		Saline	Chip Miller
	ASH	Berlandier	Fraxinus berlandieriana	1995	228		81	296	TX		Los Fresnos	Brian Sichel
Co-Champion		Black	Fraxinus nigra	2006	105			211	MI		Manistee	Andy and Noah Sawyer
Co-Champion		Black	Fraxinus nigra	2009	111		49	213	VA		Greene	B. Carmean, G. Williamson, J. Kirwan
Co-Champion		Black	Fraxinus nigra	2006	106	94	55	214	MI		Manistee	Andy and Noah Sawyer
	ASH	Blue	Fraxinus quadrangulata	2009	208			308	KY		Jefferson	Carl Suk, John Swintosky
	ASH	Carolina	Fraxinus caroliniana	2006	63	80	31	151	VA		Southampton	Byron Carmean
	ASH	Chihuahua	Fraxinus papillosa	2003	33	49	17	86	AZ		Coronado NF	David and Paul Thornburg
	ASH	Fragrant	Fraxinus cuspidata	2004	46	40	37	95	AZ		Coconino NF	David Thornburg
	ASH	Goodding	Fraxinus gooddingii	1995	25			55	_		Coronado NF	Josh Tewksbury
	ASH	Green	Fraxinus pennsylvanica	1981	271		104	395	MI		Cass	Andy and Noah Sawyer
	ASH	Gregg	Fraxinus greggii	2009	11	23	11	37	TX		Big Bend NP	Pete Smith
	ASH	Lowell	Fraxinus anomala var. lowellii	2003	58		21	96	AZ		Prescott NF	David Thornburg, Harry Untiedt
	ASH	Oregon	Fraxinus latifolia	1975			74	385	OR		Multnomah	Eldon Boge, Robert Heilman
Co-Champion		Pumpkin	Fraxinus profunda	2009	257		84	354	VA		Fauqier	Carmean, Williamson, Kirwan, Salzer
Co-Champion		Pumpkin	Fraxinus profunda	1995	188		77	357	MO		Big Oak Tree SP	Bruce Palmer
	ASH	Singleleaf	Fraxinus anomala var. anomala	2011	54		28	96	CO		Mesa	Vince Urbina
	ASH	Texas	Fraxinus texensis	2001	78		59	158	TX		Bandera County	Billy Walker
	ASH	Two-petal	Fraxinus dipetala	1986	39		34	80	CA		Lake	Frank Callahan
	ASH	Velvet	Fraxinus velutina	2007	256		76	353	ΑZ		Prescott NF	David Thornburg, Andy Allgood
	ASH	White	Fraxinus americana	2006	246		107	397	MI		Leelanau	Andy and Noah Sawyer, Bryan Zimmerman
	ASPEN	Bigtooth	Populus grandidentata	2005			51	275	ME		Appleton	Mike DeBonis
	ASPEN	Quaking	Populus tremuloides	2007	152		36	291	AZ		Coronado NF	Mike and Sylvia Hallen
	AVOCADO		Persea americana	1999	185	72	59	272	CA	2003	Orange	Art Cowley, Camille Newton
Co-Champion	BACCHARIS	Eastern	Baccharis halimifolia	2007	25		20	44	VA	2006	Chesapeake	Byron Carmean, Gary Williamson
Co-Champion		Eastern	Baccharis halimifolia	2009	28		17	46	VA		Virginia Beach	B. Carmean, G. Williamson, C. Butler
	BALDCYPRESS	Common	Taxodium distichum	2005	660	82	65	758	MS		Holmes	Norman Haigh, Barry Scott
ou-onampion	DALDO II IALOO	Common	razodium distionum	2000	000	UZ.	00	100	IVIO	∠∪∪ <del>⊤</del>	I IOIIIIGO	promian naigh, barry book

Status	Species	Common Name	Scientific Name	Nominated	Circum.	Height	Spread	Points	State	Measured	I ocation	Nominator
	BALDCYPRESS	Common		1981	647	96	74		LA	2005	Cat Island	Jeff Hunt, Desmond Clapp
	BALDCYPRESS	Montezuma		1995	301	68	99		TX	2007	San Benito	Sue Griffin
	BARRETA	Montozama		1989	17	24	16		TX	2007	Lower Rio Grande Valley NWR	Terry Rossignol
	BASSWOOD	American		2009		135	90		MD	2009		Greg Zell, Rod Simmons
Co-Champion		Carolina		2001		107	60	246	LA	2001	Caddo Parish	Ken Jeane
Co-Champion		Carolina		2009		111	70	247	FL	2007	Wakulla Springs SP	George Apthorp
Co-Champion		Carolina		2009	165	73	53		TX	2009	Real County	Mark Duff
	BASSWOOD	White		2009		103	81	272	MO	2009	St. Louis City	Chip Tynan
	BAY	Red		1994	146	94	45	251	FL	2007	Hamilton	Norman Nichols
	BAY	Silk		1991	66	41	39	117	FL	2007	Marion	Robert W. Simons
	BAY	Swamp		2007	153	55	38		VA	2007	Newport News	John Gray
	BAYBERRY	Northern		2007	25	21	20		NY	2007	Nassau	Ralph Tiner
	BAYBERRY	Odorless		2009	15	27	16	46	AL	2007	Baldwin	Harry Larsen, Fred Nation
	BAYBERRY	Pacific		2007	66	35	39	111	CA	2007	Prairie Creek Redwoods SP	Robert Van Pelt
	BAYBERRY	Southern		2003		20	32		_	2003		M. Anderson, B. Carmean, G. Williamson
	BEECH				63 290	112	103	91 428	VA MD	2007	Hampton Anne Arundel	, ,
	BIRCH	American		2003	172		77		WA			Gary Heinz
		Alaska paper				70				2003	Bellingham Middle Township	Robert Van Pelt Lyman Hoffman
	BIRCH	Gray		2007	94	50	59		NJ	2011	'	,
	BIRCH	Mountain paper	1 1 2	1973	108	90	88	220	MI	2006	Leelanau	Elwood B. Ehrle
	BIRCH			2009	169	72	74	260	CT	2009	Hartford	Frank Kaputa, Ed Richardson
	BIRCH		J			105	112	341	TN	2001	Lawerence	Dan and David Shires
Champion	BIRCH	Sweet		1961	165	82	76	266	NH	2007	Hillsborough	Philip Harvell, Erik and Kathleen Fey
Champion	BIRCH	Virginia roundleaf		1978	34	49	15	87	VA	2003	Jefferson NF	Paul Shrauder
Champion	BIRCH	Water			113	53	46	178	OR	2001	Wallowa	Maynard Drawson
	BIRCH	Yellow			242	82	74		ME	2009	Kennebec	Cathy Cook, Douglas Stevenson
	BITTERBUSH			2010	13	15	16	32	FL	2010	Miami-Dade	Christina Dupuy
		Black mangrove		2003	85	58	43	154	FL	2007	Monroe	Vincent Condon, Niko Reisinger
	BLACKBEAD	Catclaw		2007	173	78	93	274	FL	2007	Manatee	Jeffrey and Trudy Williams
	BLACKBEAD	Florida keys		1995	15	13	15	32	FL	2007	Monroe	T. Ann Williams, Vincent P. Condon
Champion	BLACKBEAD	Texas ebony	Ebenopsis ebano	1991	180	42	76	241	TX	2011	McAllen	Joe Ideker
Co-Champion	BLACKHAW	Rusty	Viburnum rufidulum	1985	64	25	32	97	VA	2007	Westmoreland	Richard Salzer
Co-Champion	BLACKHAW	Rusty	Viburnum rufidulum	2009	65	27	39	102	TX	2008	Cherokee County	Gregory Dean Stockton
Champion	BLACKHAW	Smooth	Viburnum prunifolium	2010	76	33	40	119	VA	2010	Albemarle	Devin Floyd
Champion	BLADDERNUT	American	Staphylea trifolia	2008	15	28	22	49	MI	2006	Berrien	Andrew and Noah Sawyer, Greg and Miles Kerrigan
Champion	BLUEWOOD		Condalia hookeri	1989	85	29	28	121	TX	2007	San Juan	Joe Ideker
Champion	BOXELDER		Acer negundo	2003	230	120	84	371	MD	2003	Monrovia	Kevin Moore
Champion	BUCIDA			1997	152	69	73	239	FL	2007	Dade	Alice Warren-Bradley
Champion		Bottlebrush		1993	41	14	25	-	VA	2006	Virginia Beach	Richard Salzer
		California			176	46	60		CA	2005	Santa Cruz	Jeff Reimer, Walter Mark
	BUCKEYE	Ohio		2007		73	68	266	IL	2006		Thomas L. Green
		Painted	ŭ	2009	80	60	46		VA	2010	Sussex	Carmean, Beldenbaugh, Clontz, Williamson
Co-Champion		Red			83	47	52		VA	2010	Roanoke	Byron Carmean, Gary Williamson
Co-Champion		Red			85	46	54		VA	2011	Roanoke	William S. Hubard
	BUCKEYE	Texas		2006	59	39	35	-	TX	2005	Gillespie County	Robert Edmonson
	BUCKEYE	Yellow			296	94	69		VA	2007	Alleghany	Dan Miles
	BUCKTHORN			2003	29	23	39		AZ	2006	Prescott NF	David and Judy Thornburg
	BUCKTHORN			2003	40	25	24		TN	2000	Clarksville	Phil and Claudette Brown
				2006	104	39	62		OR	2006	Curry	George Miller
					217	27	41	254	NC	2005	Halifax	Sid Shearin
					114	25	45	-	VA	2005	Lynchburg	Byron Carmean, Gary Williamson
		Hollyleaf								2009	Prescott NF	, ,
		nollyleal			52	16	18		AZ			D. Thornburg, H. Untiedt, A. Allgood
	BUCKWHEAT-TREE	Cilvor		2008	59	41	34	_	FL	2008	Wakulla	Ace Haddock
		Silver	ı Ü		28.57	27	14	59	CO	2009	Littleton	Neal Bamesberger
Co-Champion		Buckthorn		2009	38	39	27		VA	2008	Norfolk	B. Carmean, G. Williamson, J. Townson
Co-Champion		Buckthorn		1999	48	31	29		TN	2001	Nashville	Mark S. Hackney
Champion	BUMELIA	Gum	Sideroxylon lanuginosum	2011	108	58	53	179	TX	2011	Freestone County	Pete Smith

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	BUMELIA	Saffron-plum		1991	58	27	39		TX	2007	Lower Rio Grande Valley NWR	William MacWhorter
	BUMELIA	Tough	,	2009	38	41	39		FL	2004	Duval	Ned D. Neenan
	BURNINGBUSH	Eastern		2002	90	40	34		MO	2002	St. Louis	Lorri Grueber
	BUSTIC	Willow		2009	54	57	18		FL	2009	Miami-Dade	Juan Fernandez
	BUTTERNUT	Willow		2009		110	103		VA	2007	Newport News	Lauren and John David Yoder
	BUTTON-MANGROVE			2009	207	35	70		FL	2008		Stephen Hodges
	BUTTONBUSH	Common		2007	17	22	13	42	GA	2003		Justin Tyson
	BYRSONIMA	Key		1997	35	20	20	60	FL	2007	Monroe	T. A. Williams, V. Lopez, V. Condo
	CAESALPINIA	Mexican	·	1995	48	45	60		TX	2003	Weslaco	Joe Ideker
		California fan palm		1991	121	86	21	_	CA	2005		Robert Van Pelt, A. L. Jacobson
		California fan palm		1997	142	66	19		CA	2005		Art Cowley
		California fan palm		1991	144	68	18		CA	2007	Sacramento State Capitol	Robert Van Pelt, A. L. Jacobson
	CALIFORNIA-LAUREL			1997	536	108	119	674	CA	2007	Mendocino	Dave Grabner, Leo Martin
	CAMPHOR-TREE			2008	208	77	136		GA	2003	Grady	Randy Kirksey
	CANELLA			1998	26	38			FL	2006	·	·
							21	69			Monroe	Joseph Nemec
	CANOTIA CAPER	lamaiaa		2005	90	32	20		AZ	2007	Mohave	John Carr, David Thornburg
		Jamaica Northorn		2009	23	33	23	-	FL	2008		Bob Showler
	CATALPA	Northern		2003	303	78	81		IN	2007	<u> </u>	Thomas E. Westfall
_	CATALPA	Southern	. · · ·	2000	271	88	68		MS	2003	Yalobusha	J. Fergusion, J. Edwards, G. Byrd
	CATCLAW	Gregg		1971	77	49	46	138	NM	2005		Samuel Lamb
	CATCLAW	Wright	5 55 5	2006	91	33	41		TX	2006	,	John K. Berry
	CERCOCARPUS	Alderleaf		1999	29	20	15	53	UT	2009	Wasatch-Cache NF	Tony Dietz
	CERCOCARPUS	Alderleaf		2009	31	21	18	_	UT	2009	Wasatch-Cashe NF	Hal Jensen
		Birchleaf		2011	71	56	80		OR	2009		Brian French, Will Koomjian
		Catalina		2003	30	18	25		CA	2003		Art Cowley
		Curlleaf		2009	133	25	35		UT	2008		Brian Challis
	CERCOCARPUS	Curlleaf		2008	148	16	25	170	UT	2007	Fishlake NF	B. Bonebrake, C. Colt, D. Page
	CERCOCARPUS	Hairy		1996	37	25	20	67	ΑZ	2006	Mt. Wrightson	Robert Zahner, Sid Jackson
	CHASTETREE	Common		2009	123	28	40	161	TX	2009	Lancaster	Matthew and Michael Blevins
Champion	CHERRY	Alabama black	Prunus alabamensis	2006	31	49	28	87	GA	2006	Floyd	Richard and Teresa Ware
Champion	CHERRY	Bitter	Prunus emarginata	2009	19	22	15	45	ΑZ	2008	Coconino NF	David Thornburg, Andy Allgood
Champion	CHERRY	Black	Prunus serotina	2008	224	95	76	338	VA	2008	Tazewell	Bill John Rhudy, Levi Rhudy
Champion	CHERRY	Catalina	Prunus ilicifolia ssp. lyonii	1996	115	43	45	169	CA	2002	Catalina Island Conservancy	A. Douglas Propst, Bill Hartley
Champion	CHERRY	Common chokecherry	Prunus virginiana	1999	193	55	93	271	MD	2007	Baltimore	Francis X. and Wendy L. Rurka
Champion	CHERRY	Escarpment	Prunus serotina var. eximia	2003	104	62	58	181	TX	2009	Real County	Lee Haile
Champion	CHERRY	Mahaleb	Prunus mahaleb	1993	79	41	48	132	WA	2007	Lake Stevens	Ron Brightman, Robert Van Pelt
Co-Champion		Pin		2009	56	93	22		MI	2007	Kalamazoo	ElwoodB.Ehrle, E.Pitcher, C. Fischer
Co-Champion		Pin		2009	61	80	63		MI	2007	Kalamazoo	ElwoodB.Ehrle, E.Pitcher, C. Fischer
Champion		Southwestern black		2004	136	66	50		ΑZ	2004		David Thornburg, Harry Untiedt
	CHERRY	Sweet		1989	290	96	73		PA	2009		Maurice Hobaugh, P. & C. Youngblood
		West Indian		1989	73	41	23		FL	2007		Carol Lippincott
	CHESTNUT	American		2005	288	70	70			2005	Clarkston	Wayne Bunce
	CHINABERRY			2009	177	65	43		MS	2009	Pattison	Vince Smith
	CHINKAPIN	Allegheny		2007	64	65	51		PA	2004		Sally Tangeres, Scott Wade
	CHINKAPIN	Giant		2009		106	36		OR	2008	Douglas	Kim Parsley
	CHINKAPIN	Ozark		2009	35	62	38		MO	2007	Barry	Robert Barnes, Jerry Moller
Co-Champion		Jumping		2007	35	16	13		AZ	2007		Mike and Sylvia Hallen
Co-Champion		Jumping		2009	32	21	15			2003		Mike Hallen
		Cinnamon		1995	10	33	12		NC	2005		W. Blozan, C. Blozan, J. Stykar
	CLIFFROSE	On marrion		2007	37	22	17		AZ	2003	Grand Canyon NP	Mike Hallen
		Florida			31	32				2007	Hugh Taylor Birch SP	
							25 71		FL		<u> </u>	Jim Higgins
	CONDALIA	Kentucky				131			MD	2010	Montgomery	Joli McCathran
		Bitter		2003	44	18	16		AZ	2003	Little Ajo Mountains	Jim Malusa
	CORALBEAN	Southeastern		2009	36	26	26		FL	2009		Dawn Witherington
		Black		2007		158	80			2007		Denny Fowler
Champion	COTTONWOOD	Eastern	Populus deltoides ssp. deltoides	2009	370	136	135	540	ОН	2009	Alum Creek SP	Don R. Mann

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	COTTONWOOD	Fremont	Populus fremontii ssp. fremontii		504		108	623	AZ		Santa Cruz	Mark Rouw, Don Richard
	COTTONWOOD	Meseta	Populus fremontii ssp. mesetae		211		84	281	TX		Big Bend NP	James E. Liles
	COTTONWOOD		Populus angustifolia		390		87	476	OR		Malheur County	Donald Oakes
	COTTONWOOD		Populus deltoides ssp. monilifera		432		98	552	CO		Hygiene	Allegra Collister
	COTTONWOOD		Populus deltoides ssp. wislizeni		348		92	450	TX		Fort Davis National HP	Jan Davis
			Populus heterophylla		128		33	251	VA		Southampton	Carmean, Williamson, Fleming, Patterson
		· · · · · · · · · · · · · · · · · · ·	Populus heterophylla		142		34	256	VA		Chesapeake	Byron Carmean, Gary Williamson
	CRANBERRYBUSH	American	Viburnum opulus var. americanum	2009	28		20	47	MI		Berrien	Andrew Sawyer
	CYPRESS	Arizona	Cupressus arizonica ssp. arizonica		244		48	349	AZ		Coronado NF	James Mielke
	CYPRESS	Arizona smooth	Cupressus arizonica var. glabra		215		52	298	AZ		Coconino NF	David Thornburg, Harry Untiedt
	CYPRESS		Cupressus macnabiana	1981	136		55	205	CA		Amador	Frank Callahan
	CYPRESS		Cupressus goveniana ssp. pygmaea		238		49	400	CA		Mendicino	Frank Callahan
	CYPRESS	Monterey	Cupressus macrocarpa		553		111	683	CA		Pescadero	R. Huntington, Fiesta Garden School
	CYPRESS	, , , , , , , , , , , , , , , , , , ,	·		112		60		CA		Seguoia NF	Loren Ross
Co-Champion		Santa Cruz	Cupressus arizonica ssp. nevadensis				45	201 175			Santa Cruz	
			Cupressus abramsiana		97		40		CA CA			Whit Bronzugh
Co-Champion		Santa Cruz	Cupressus abramsiana		99			177 179			Santa Cruz Santa Cruz	Whit Bronaugh
Co-Champion		Santa Cruz	Cupressus abramsiana		113		41		CA			Whit Bronaugh
	CYPRESS	<u> </u>	Cupressus sargentii		244		64	318	CA		Wildcat Canyon RP	Rory Nichols
	CYPRESS	Tecate	Cupressus guadalupensis var. forbesii		93		48	176	CA		San Diego	Art Cowley
	CYPRESS-PINE	Blue	Callitris glaucophylla	1975	180		50	253	IFL I=:		Manatee	Steven Spezia
		Swamp	Cyrilla racemiflora		60		12	113	FL		Washington	Charles Reeves
	DAHOON		Ilex cassine	2006	79		36	134	FL		Palm Beach	Josh Marshall
		Myrtle	Ilex myrtifolia	1998	77		39	147	FL		Wakulla	David Roddenberry
	DARLING-PLUM		Reynosia septentrionalis	1975	23		15	76	FL		Monroe	Charlotte Niedhauk
	DESERT-WILLOW		Chilopsis linearis		165		54	247	AZ		Gila	Mitchell Holder
	DEVILS-WALKINGSTICK		Aralia spinosa	2006	31		40	79	NC		Pisgah NF	Ron Lance, Ken Knox
	DEVILWOOD		Osmanthus americanus	2003	88		42	138	FL		Clay	John and Janet Sloane
	DOGWOOD	Alternate-leaf	Cornus alternifolia	2011	74		47	113	NJ		Morris	Joseph Kunkel
	DOGWOOD	Blackfruit	Cornus sessilis		20		16	42	CA		Shasta-Trinity NF	Frank Callahan
Co-Champion	DOGWOOD	Flowering	Cornus florida	2002	107	35	42	153	VA	2002	Hampton	Sabastian Velilla, Sandra Burke
Co-Champion	DOGWOOD	Flowering	Cornus florida	2003	107	36	39	153	TN	2001	Willamson	Jerry Greenshaw
Champion	DOGWOOD	Gray	Cornus racemosa	2009	32	22	18	59	MI	2009	Berrien	Andrew Sawyer
Champion	DOGWOOD	Pacific	Cornus nuttallii	2009	150	61	57	225	OR	2009	Multnomah	Brian French
Champion	DOGWOOD	Roughleaf	Cornus drummondii	2001	40	22	33	70	TN	2001	Shelby	David Smith
Champion	DOGWOOD	Roundleaf	Cornus rugosa	2006	23	29	26	59	MI	2006	Leelanau	Andy and Noah Sawyer
Champion	DOGWOOD	Swamp	Cornus foemina	2009	25	27	24	58	VA	2009	Isle of Wight	Byron Carmean, Gary Williamson
	DOGWOOD	Western	Cornus sericea ssp. occidentalis	2003	32		35	66	OR		Polk	Barbra Rupers
Champion	DOUGLAS-FIR	Bigcone	Pseudotsuga macrocarpa		269		94	458	CA		Angeles NF	William Maxwell
			Pseudotsuga menziesii					804			Olympic NF	Peston P. Marcy
	DOUGLAS-FIR		Pseudotsuga menziesii var. glauca		120		29	225	TX		Guadalupe Mountains NP	Dave Bieri
	ELDER		Sambucus cerulea		136		38	176	CA		Porterville	Art Cowley
	ELDER		Sambucus mexicana	2005	95		26	143	AZ		Patagonia	Ken Morrow
	ELEPHANT-TREE		Bursera microphylla		34		28	57	AZ		Cabeza Prieta NWR	J. Cain, B. Jansen, P. Krausman
	ELLIOTTIA		Elliottia racemosa		36			88	GA		Tattnall	Howard Stanley, Red Castleman
	ELM	American	Ulmus americana		273			416	ОН		Ross	Kathryn Galloway
	ELM		Ulmus crassifolia		156		68	293	TN		Meeman-Shelby SP	David Smith
	ELM		Ulmus thomasii		235		96	366	VA		Salem	Lee Hipp
			Ulmus serotina		135			237	TN		Davidson	Michael Davie, Steve Eidson
			Ulmus pumila	2007	251		85.5	381	MI		Berrien	Andrew Sawyer
					221		155.5	384				David Yoder
	ELM		Ulmus rubra	2011					IN V/A		Daviess	
		· ·	Ulmus alata		180			287	VA		Hopewell	Byron Carmean, Gary Williamson
	ESENBECKIA		Esenbeckia berlandieri	1995	44		29.5	76	TX		Brownsville	Guy Huddleston
	EUCALYPTUS		Eucalyptus globulus		586		126	759	CA		Petrolia	Loren Salladay, Robert Bush
	EUCALYPTUS		Eucalyptus camaldulensis		276		84	409	AZ		Chandler	Mike Hallen, Sylvia Escudero
	EVE'S NECKLACE		Styphnolobium affine	2006	77		47	126	TX		Real County	Mike Weathers, Steven Cooke
Champion	FALSE-MASTIC		Sideroxylon foetidissimum	1973	112	75	44	198	FL	2007	Dade	Albert H. Hetzell, Ron Smith

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	FIDDLEWOOD	Florida	Citharexylum spinosum	2007	39	31	27	77	FI		Miami-Dade	Dave and Louise King
	FIG	Florida strangler	Ficus aurea		399	67	77	485	Fi		Dade	Albert Hetzell, Ron Smith
	FIG	Shortleaf	Ficus citrifolia		444			511	FL		Monroe	David M. Sinclair, Frank L. Zickar
	FIR	Balsam	Abies balsamea		160		53	277	PA		Adams	R. O. Brooks & C. Keeran
	FIR	California white	Abies concolor var. lowiana					503	CA		Yosemite NP	Robert Van Pelt
	FIR	Corkbark	Abies lasiocarpa var. arizonica		205	70	78	295	AZ		Coconino	Temple and George Tallent
	FIR	Fraser	Abies fraseri		115	95	42	221	VA		Harrisonburg	J. Murray, B. Carmean, G. Williamson
	FIR	Grand	Abies grandis		165		27	350	MT		Lincoln	Alan Lane, Mike Keller, Larry Coryell
	FIR	Noble	Abies procera		359			596	WA		Gifford Pinchot NF	Harold Coates, Bob Smith
	FIR	Rocky Mountain white	Abies concolor		180		41	346	NM		Santa Fe NF	Charles Wicklund
	FIR	Subalpine	Abies lasiocarpa		252		26	389	WA		Olympic NP	Stephen Arno, Oscar Sedergren
	FISHPOISON-TREE	Florida	Piscidia piscipula	2008	123		63	189	FI		Monroe	David Shafer
	FRANKLIN-TREE	lionda	Franklinia alatamaha	1968	42	33	40	85	PA		Wyndmoor	John Swartley
	FREMONTIA	California	Fremontodendron californicum	2003	54	25	28	86	CA		Sequoia NF	Art Cowley
Co-Champion		Camorna	Chionanthus virginicus		40	40		90	NJ		Mercer	Evan Dilluvio
Co-Champion			Chionanthus virginicus		57			93	UT		Salt Lake City	Art Scott, Shirley Hawkins
	GALLBERRY	Large	Ilex coriacea		16		21	54	LA		Vernon Parish	Charles Allen
	GEIGER-TREE	Large	Cordia sebestena	2004	39		22	64	FL		Palm Beach	David Bunting
	GEIGER-TREE		Cordia sebestena Cordia sebestena	1988	37		17	65	FL		Lee	Eric H. Hoyer, Chris J. Anderson
Co-Champion			Acacia berlandieri	2007	17	17	21	39	AZ		University of Arizona	George Ferguson
Co-Champion			Acacia berlandieri	2007	18		25	44	TX		Uvalde County	John K. Berry
	GUMBO-LIMBO		Bursera simaruba		178	43	63	237	FL		Manatee	Bob Showler
	HACKBERRY	Common						296	MI		Cass	Andrew Sawyer
	HACKBERRY		Celtis occidentalis						_		Alexandria	
		Dwarf	Celtis tenuifolia		60	41	40	111	VA NM			Rod Simmons, Greg Zell
	HACKBERRY	Netleaf	Celtis reticulata		180	69 4 <i>5</i>	75	268			Catron Christi	Ralph A. Fisher, Jr.
	HACKBERRY	Spiny	Celtis pallida	2011	28		20	48	TX		Corpus Christi	Larry Gonzalez
	HAWTHORN	Black	Crataegus douglasii	2009	41	35	38	86	MT		Missoula	Bill Vaughn
	HAWTHORN	Blueberry	Crataegus brachyacantha	1993	85	30	30	123	TX		Nacogdoches County	Keith Cook
	HAWTHORN	Cerro	Crataegus erythropoda		20	15	16	39	AZ		Coconino NF	Andy Allgood, David Thornburg
	HAWTHORN	Cockspur	Crataegus crus-galli		60		34.5	104	IN		Vanderbough	Shawn Dickerson, Thomas Westfall
	HAWTHORN	Dotted	Crataegus punctata	2008	73		43.42	123	PA		Forest	Edward Frank, D. Luthringer, A. Kelly
Co-Champion		Downy	Crataegus mollis		119	27	44	157	MI		Washtenaw	Richard A. Brown
Co-Champion		Downy	Crataegus mollis		115		41	160	OH		Madison	Brian Riley
	HAWTHORN	Fanleaf	Crataegus flabellata		55		37	103	WV		Harrison	Dan Cooley, Michael Plevich
Co-Champion		Green	Crataegus viridis		65		41	119	VA		Southampton	Byron Carmean, Gary Williamson
Co-Champion		Green	Crataegus viridis	2010	51	54	58	120	NC		Northampton	B. Carmean, M. Rasnake, G. Williamson
Co-Champion		Green	Crataegus viridis		62	49	39	121	VA		Southampton	Byron Carmean, Gary Williamson
Co-Champion		Green	Crataegus viridis	2008	54	57	42	122	VA		Southampton	Byron Carmean, Gary Williamson
Co-Champion		Green	Crataegus viridis					122	VA		Greensville	Carmean, Williamson, Kessler, Rasnake
	HAWTHORN	Kansas	Crataegus coccinioides		36		40	62	IL.		DuPage	Edith Makra, Kunso Kim
	HAWTHORN	Littlehip	Crataegus spathulata	2011	22			48			Sabine NF	Raymond Edgar, Ned Fritz
Co-Champion		May	Crataegus aestivalis		49	40	34	98	GA		Haralson	Maxine Grace
Co-Champion		May	Crataegus aestivalis		54		43	99	TN		Meeman-Shelby SP	David Smith
Co-Champion		Oneseed	Crataegus monogyna		113			163	WA		Mount Vernon	Ron Brightman
Co-Champion		Oneseed	Crataegus monogyna		107		58	168	CI		Middlesex	Donald M. Swan
	HAWTHORN	Pennsylvania	Crataegus pennsylvanica		56	38	44	105	NC		Buncombe	Ron Lance
	HAWTHORN	Reverchon	Crataegus reverchonii	2011	11	9		21	TX		Dallas	Pete Smith
	HAWTHORN	Texas	Crataegus texana		28			60	TX		Houston	Lynn Lowery
Co-Champion		Tracy	Crataegus tracyi		43	27	28	77	TX		Jeff Davis County	Thomas R. Mangren
Co-Champion		Tracy	Crataegus tracyi		50		34	80	TX		Jeff Davis County	Oscar Mestas
	HAWTHORN	Washington	Crataegus phaenopyrum		67			114	KS		Johnson	Chuck Brasher
	HEMLOCK	Carolina	Tsuga caroliniana		67			174	VA		Montgomery	James C. Clark
	HEMLOCK	Eastern	Tsuga canadensis		192	158.75		362	NC		Macon	Will Blozan, Jess Riddle
	HEMLOCK	Mountain	Tsuga mertensiana		326			420	WA		Yakima County	Matt Hiler, Mike Hiler
0-0	HEMI OCK	Western	Tsuga heterophylla	1954	335	172	65	523	WA	2000	Olympic NP	Preston Macy
Co-Champion Co-Champion		Western	Tsuga heterophylla					527			Olympic NP	Robert Van Pelt

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Champion	HERCULES-CLUB			2007	82	36	48	130	SC	2002	Beaufort	Bruce Lampright
Champion	HERCULES-CLUB	Texas		2007	33	41	18		TX	2007	North Richland Hills	Geoff Sherman
Champion	HIBISCUS	Shrub althea		2009	41	22	25	+	VA	2008	Cumberland	Carmean, Carmean, Williamson
	HICKORY	Bitternut		2009	195	95	79	310	MD	2007	Harford	Harford County Government
	HICKORY	Black			118	127	70	263	TX	2000	Sabine NF	Mahler, Fant, Baggett, Fritz
	HICKORY	Carolina	,	2008	96	127	68	240	AL	2005	Etowah	J. Lawrence Brasher
	HICKORY	Common shagbark		2009	184	98	107	309	MD	2007	Anne Arundel	James and Kathleen Suite
	HICKORY	Mockernut		2009	179	102	112	309	FL	2007	Hamilton	Allen B. Tyree, Jr.
	HICKORY	Nutmeg		2007	74	115	34	198	GA	2003	Floyd	Richard and Teresa Ware, Dr. Pat Tomlins
Co-Champion		Pignut			226	104	101	355	GA	2010	Dooly	Michael Staton
Co-Champion		Pignut	, ,	2007	171	148	142		KY	2007	Allen	John Jackson
	HICKORY	Red		2007	154	153	79	327	TN	2007	Great Smoky Mountains NP	Bill Korn
Co-Champion		Sand		2011	151	99	90	273	NJ	2011	Cumberland	Stephen R. Field
Co-Champion		Sand		2005	132	129	60	276	SC	2004	Greenville	Steven D. Smith
	HICKORY	Shellbark		1994	175	139	80	334	KY	2004		Charles Wilburn, Rick Crooks
					217	114	112	359	GA	2007	Greenup	·
Champion Co-Champion	HICKORY	Water		2009							Emanuel Alexandria	Cay G. Stokes
		American			141	68	36		VA	2006		Greg Zell
Co-Champion		American	·	2007	145	64	42		MD	2007	Chelsea Historic Site	Chris Garrett
Co-Champion		American		2007	154	57	48	223	VA	2006	Arlington	Greg Zell
_	HONEYLOCUST			2011	234	121	115	384	VA	2010	Botetourt	William S. Hubard
	HOPBUSH			2009	24	14	14	42	AZ	2009	Pinal	Ken Morrow
	HOPHORNBEAM	Chisos	Ostrya chisosensis	1983	27	27	21.5	59	TX	2010	Big Bend NP	James E. Liles
	HOPHORNBEAM	Eastern		2009	131	66	53	210	MA	2008	Suffolk	Richard Byrd III
	HOPHORNBEAM	Knowlton		2007	132	40	47	184	AZ	2006	Coconino NF	D. Thornburg, A. Allgood, H. Untiedt
Co-Champion		Common		2011	16.64	18	21	40	CO	2010	Westminster	John Kasza
Co-Champion		Common		2011	32	7	23	45	MI	2006	Kent	Andrew and Noah Sawyer
	HORNBEAM	American			209	67	78	296	VA	2011	Clarke	B. & J. Carmean, G. Williamson, J. Kirwan
Champion	HUAJILLO	Huajillo		2001	18	41	27	66	ΑZ	2000	University of Arizona	Kathryn Stiles
Champion	HUISACHE		Acacia farnesiana	1989	154	19	27	180	TX	2011	Jourdanton	David Soward
Champion	HUISACHILLO		Acacia tortuosa	2003	49	31	30	88	ΑZ	2003	Phoenix	Ken and Kathy Morrow
Champion	INCENSE-CEDAR		Calocedrus decurrens	2006	167	106	40	283	NC	2004	Henderson	Ken Knox
Champion	INDIAN-FIG		Opuntia ficus-indica	2009	42	17	17	63	ΑZ	2009	Pinal	Mike Hallen, Jerry Nash
Champion	INKWOOD		Exothea paniculata	2007	47	47	27	101	FL	2007	Everglades NP	Bob Showler
Champion	JERUSALEM-THORN		Parkinsonia aculeata	2003	78	45	50	136	ΑZ	2003	Phoenix	Larry B. Wright, Russell T. Gates
Champion	JOEWOOD		Jacquinia keyensis	2009	44	14	13	61	FL	2009	Lee	Jenny Evans
Champion	JOSHUA-TREE		Yucca brevifolia	1999	168	48	49	228	CA	2005	Stanford University	Art Cowley
	JUJUBE	Common	Ziziphus jujuba	2002	93	61	51	167	DC	2002	U. S. Capitol Grounds	Rod Royse
Co-Champion		Alligator		2004	302	60	70	-	ΑZ	2007	Prescott NF	Walton, Emerson, Wright, Simich, Murvosh
Co-Champion		Alligator				53	77			2007	Prescott NF	Mickey and Richard Contreras
	JUNIPER	Ashe		1999	139	41	49			2005	New Braunfels	Mark Peterson
	JUNIPER	California			157	25	42			2007	Yavapai	David Thornburg, John Carr
	JUNIPER	Common		2009	93	58	9			2007	Schenectady	Fred Breglia
	JUNIPER	Drooping	·		118	34	61			2010	Big Bend NP	Oscar Mestas
	JUNIPER	Oneseed		2007	130	28	27		AZ	2007	Coconino NF	David Thornburg, Andy Allgood
	JUNIPER	Redberry		1977	138	28	33		TX	2003	Brewster County	Frank T. Callahan
	JUNIPER	Rocky Mountain			284	40	29		UT	2006	Salt Lake	R.P. McLaughlin
	JUNIPER	Utah			260	40	56		CA	2002	Inyo NF	Randy Witters, Kim 'Witters' Fritsche
	JUNIPER	Western			481	78	56		CA	2003	Stanislaus NF	J.R. Hall
	KIDNEYWOOD	vv Goterni		2007	28	28	20	+		2003	Mendoza Canyon	Ken Morrow, Chuck LeFevre
	KIDNEYWOOD	Texas		2007	20 17	27	14		AZ	2007	Boyce Thompson Arboretum	Ken and Kathy Morrow, Mike Hallen
	LARCH				183	92	72		VT	2003	Northfield	Robert Stanton
		European										
	LARCH	Subalpine			265	103	75		WA	2005	Wenatchee NF	Stephen Arno, Jeff Hart
	LARCH	Western			264	153	34		MT	2011	Missoula	Helen Smith, Micha Krebs
	LAURELCHERRY	Carolina		2011	99	31	34		VA	2007	City of Franklin	Byron Carmean, Gary Williamson
	LAURELCHERRY	English		1985	109	33	52			2005	Seattle	Arthur Lee Jacobson
Champion	LEADWOOD		Krugiodendron ferreum	1986	73	30	28	110	FL	2007	Monroe	David M. Sinclair, Frank L. Zickar

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Champion	LEUCAENA	Great		2011	89	48	63		TX	2011	McAllen	Thomas Williams
Champion	LEUCAENA	Littleleaf		2009	18	15	18		ΑZ	2009	Pima	David Thornburg
Champion	LIGNUMVITAE	Roughbark		1997	97	31	35		FL	2007	Monroe	Vincent Condon, Mike Miller
	LIGNUMVITAE	Texas		1974	31	27	14.5	_	TX	2003	Santa Ana NWR	Terry Fears
	LIME	TOXAG		2003	14	21	15		AZ	2003	Phoenix	Larry B. Wright, Russell T. Gates
	LOBLOLLY-BAY			2007	143	80	48		FL	2007	Duval Co.	Meg Gaffney
	LOBLOLLY-BAY			2009	131	95	50	239	FL	2008	Etoniah Creek SF	Donald Hagan
Champion	LOCUST	Black			312	94	68		NY	2001	Livingston	G. Weidman
	LOCUST	Clammy		1996	23	23	13		NC	2005		Bill Wykle
Champion	LOCUST	New Mexico		1997	92	76	42		AZ	2005	Tonto NF	Mike Hallen, George Kieren
Champion	LYONIA	Tree		2007	27	35	34	_	FL	2007	Wakulla Springs SP	George Apthorp, David Roddenberry
	LYONTREE	1166		2007	34	46	16	84	CA	2007	Catalina Island Conservancy	Art Cowley
	LYSILOMA	Bahama		2003	172	66	72	256	FL	2003	Dade	R. Mulgrew, S. Formenth, R. Hammer
	LYSILOMA	Littleleaf		2005	64	32	41		AZ	2007	Paradise Valley	Ken and Kathy Morrow
	MADRONE			2003	127	40	37.5		AZ	2003	Santa Cruz	Mike Hallen
		Arizona					116					
	MADRONE MADRONE	Pacific			316 162	88	_		CA	2003	Big Sur Land Trust	Alan Washburn
		Texas		2011		46	61		TX	2010	Brewster County	Charles Stair
	MAGNOLIA	Ashe	ŭ .	2005	62	44	44		PA	2005	Montgomery	Betsy Davis, Scott Wade
Co-Champion		Bigleaf		2005	73	84	50		NC	2004	Buncombe	B. Alexaner, R. Lance, K. Knox
Co-Champion		Bigleaf		2011	90	70	56	174	MD	2011	Baltimore City	Andrew and Cassandra Naylor Brooks
	MAGNOLIA	Cucumbertree			288	79	88	389	OH	2003	North Canton	Jeremy R Felland
Co-Champion		Fraser		2007	107	92	55		GA	2005	Rabun	Jess Riddle
Co-Champion		Fraser		2011	129	73	61		VA	2007	Carroll	Will Cook
	MAGNOLIA	Pyramid		2010	68	102	39		FL	2010	Gadsden	Richard May
	MAGNOLIA	Southern			277	66	61		VA	2006	Sussex	Chris Bradshaw
	MAGNOLIA	Sweetbay		2010	199	61	60	_	FL	2010	Hillsborough	Jason Zysk
	MAGNOLIA	Umbrella		1969	139	59	50		PA	2001	Bucks	John Swartley
	MAGNOLIA	Yellow cucumbertee		1970	155	84	65		PA	2006	Chester	John Swartley, Scott Wade
	MAHOGANY	West Indian		1992	164	70	91	257	FL	2007	Monroe	William S. Hubard, B. Wang
Champion	MAIDENBRUSH	Marlberry	Ardisia escallonioides	2010	23	28	12	54	FL	2010	Miami-Dade	Christina Dupuy
Champion	MANCHINEEL		Hippomane mancinella	1976	57	25	13	85	L	2007	Monroe	Clifford Shaw, George Avery
Champion	MANGO		Mangifera indica	2009	107	39	46	158	FL	2009	Miami-Dade	Jeffrey Block
Champion	MANGROVE	White	Laguncularia racemosa	2009	80	38	44	129	FL	2004	Monroe	Gary Eckerson
Champion	MANZANITA	Big	Arctostaphylos manzanita	2005	119	30	27	156	CA	2005	Chico	Jim Brobeck
Champion	MANZANITA	Bigberry	Arctostaphylos glauca	2005	79	32	27	118	CA	2004	Alameda	Paul Furman
Champion	MANZANITA	Pringle	Arctostaphylos pringlei	2007	48	20	18	73	ΑZ	2006	Coconino NF	A. Allgood, D. Thornburg, H. Untiedt
Champion	MANZANITA	Whiteleaf		2001	91	24	24	121	CA	2001	Pierpoint Springs	Art Cowley
Champion	MAPLE	Bigleaf		2011	305	88	104	419	OR	2011	Marion	Margie Campbell
Champion	MAPLE	Black		2008	221	118	127	371	MI	2008	Kent	Eric, Michael, and Kyle Piccard, Andy Sawyer
	MAPLE	Canyon		2007		72	50			2006	Coconino NF	David Thornburg
	MAPLE	Chalk	Ü	2007	40	64	30			2002	Greene	Justin Tyson
Co-Champion		Florida		2007		105	63			2002	James City	B. Carmean, D. Ware, G. Fleming
Co-Champion		Florida		2007		135	84		SC	2002	McCormick	Steven Jones
Co-Champion		Florida			146	91	75		GA	2003	Floyd	Richard and Teresa Ware, Dr. Pat Tomlins
	MAPLE	Mountain		2001	34	62	20		GA	2000	White	Jimmy Mock
	MAPLE	Norway			224	81	72		NJ	2011	Warren	Dee Dee Burnside, Frank Webber
	MAPLE	Red			213	95	105		IN	2004	Cass	Mason Ruble
	MAPLE	Rocky Mountain				71	57			2007	Island	Robert Van Pelt, Ron Brightman
	MAPLE	Silver				115	61	_	MI	2007	Newberry	Charles Wade, David Mitchell
	MAPLE			2003			_			2002	<u> </u>	·
		Striped			35	70	23				Grayson	Ken and Michael Knox
	MAPLE	Sugar				112	91		MA	2007	Charlemont	MA Dept. of Conservation & Recreation
	MAPLE	Trilobum red			145	76	133		KY	2006	Knox	B. Howard, N. Valentine, L. Johnson
	MAPLE	Vine		1989	38	64	37		WA	2003	Olympic NP	Robert Van Pelt
	MAYTEN	Florida		2003	22	19	26		AZ	2003	Boyce Thompson Arboretum	Ken and Kathy Morrow, Mike Hallen
	MESCALBEAN	Mescalbean		2009	61	39	22			2009	San Antonio	Alan B. Curtis
Champion	MESQUITE	Honey	Prosopis glandulosa	1984	183	56	87	261	TX	2009	Real County	Ronnie W. Pendley

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	MESQUITE	Screwbean	Prosopis pubescens		43		31	75	AZ		Hassayampa River Preserve	David Thornburg, John Carr
	MESQUITE	Velvet	Prosopis velutina		196		60	257	AZ		Santa Cruz	Gilbert Sykes
	MESQUITE	Western honey	Prosopis glandulosa var. torreyana		106		82	161	CA		City of Tulare	Art Cowley
	MEXICAN-BUCKEYE	vvesterr riency	Ungnadia speciosa		11		15.5	24	TX		Fort Worth Botanical Gardens	Steven Houser
	MEXICAN-BUCKEYE		Ungnadia speciosa		11		14.5	29			Dallas Arboretum	Steve Houser
	MILKBARK		Drypetes diversifolia		41		16	82	FL		Monroe	Jeanne Parks
	MOUNTAIN-ASH		Sorbus americana		107		38	142	VA		Jefferson NF	Jeff and Peter Kirwan
	MOUNTAIN-ASH	European	Sorbus aucuparia		121		47	179			Seattle	Robert Van Pelt, Arthur Lee Jacobson
	MOUNTAIN-ASH	•	Sorbus scopulina		24		20	43	WA		Spokane	Arthur Lee Jacobson, Ronald Brightman
	MOUNTAIN-LAUREL	Greene	Kalmia latifolia		47		19	72	GA		Fannin	George C. Hoffman
		Black	Morus nigra		277		80	357	MD		Carroll	Beth Sanders
	MULBERRY		Morus rubra		275		75	348	GA		Richmond	Pete Fulcher
	MULBERRY	Texas	Morus microphylla	2007	135		33	175	NM		Gila NF	Harvey Smith
	MULBERRY	White	Morus alba		248		63	321	NM		Hidago	David and Bonnie Dunagan
	MULLEIN NIGHTSHADE	Potato-tree	Solanum erianthum		21		26	52	TX		Weslaco	William MacWhorter
	MYRTLE-OF-THE-RIVER	Folato-free			10	28	7	40	FL		Monroe	
	NANNYBERRY		Calyptranthes zuzygium Viburnum lentago		45		14	67	VA		Montgomery	Joseph Nemec Richard Salzer
		Aio	Quercus turbinella var. ajoensis		66		35	105	AZ		Organ Pipe Cactus NM	R. & G. Zahner, K. Morrow
			·								• .	,
		Arizona white	Quercus arizonica		210		65	268	AZ		Santa Cruz	David and Paul Thornburg
	OAK	Arkansas	Quercus arkansana		150		104	276	MS		Covington	Bryant E. Brown, Jon Wallace
Co-Champion		Bear	Quercus ilicifolia		49		34	99	VA		Shenandoah NP	Richard Salzer
Co-Champion		Bear	Quercus ilicifolia		62		37	103	CT		Hartford	Dawn Morgan
	OAK	Bigelow	Quercus sinuata var. breviloba		121		72	184	TX		Austin	Eric Beckers, Jim Houser
	OAK	Black	Quercus velutina		344		101	448	CT		Hartford	Edward A. Richardson
	OAK	Blackjack	Quercus marilandica		121		49	205	_		Barbour	David Pittman
	OAK		Quercus douglasii		146			237	CA		Mariposa	Carl Casey, Robert Van Pelt
Co-Champion		•	Quercus incana		85		51	160	TX		Mineola	Ken Conaway
Co-Champion		Bluejack	Quercus incana		83		68	160	LA		Vernon	Dr. Charles M. Allen
	OAK	Bluff	Quercus austrina		121		64	266	FL		Wakulla Springs SP	George Apthorp
	OAK	Bur	Quercus macrocarpa		295.2	99	127.5	426	IN		Posey	Bill Wilson, Allen Cook
	OAK	California black	Quercus kelloggii		281		78	392	CA		Tuolumne	Carl Casey, Bob Huntington
	OAK	Canyon live	Quercus chrysolepis		374		92	477	CA		Mendocino	Chad
	OAK	Chapman	Quercus chapmanii		85		41	140	FL		Ocala NF	Robert Simons
Champion	OAK	Cherrybark	Quercus pagoda	2003	332		122	486	TN	2003	Tipton	David Smith
	OAK	Chestnut	Quercus montana	2003	282	99	103.5	407	MD		Arnold	Tom Mayer, Jeanine Ove
Champion	OAK	Chinkapin	Quercus muehlenbergii	2006	311	76	69	404	KY	2006	Harrison	John Cox
Champion	OAK	Chisos	Quercus graciliformis	2005	56	34	43	101	TX	2005	Big Bend NP	Oscar Mestas
Co-Champion		Darlington	Quercus hemisphaerica		238		95	352			Bay	Geoff Cummings
Co-Champion	OAK	Darlington	Quercus hemisphaerica	2002	231	98	108	356	FL	2007	Alachua	Gordon Ward, Daniel Ward
Champion	OAK	Delta post	Quercus similis	2011	129	73	61	217	TX	2011	Wood County	Jim Neal
Champion	OAK	Durand	Quercus sinuata var. sinuata	2007	162	92	70	272	AL	2007	Wilcox	Jason Ledbetter
Co-Champion		Dwarf chinkapin	Quercus prinoides		41		22	72			Salem	G. Sternberg, J. Evertson, J. Locklear
Co-Champion	OAK	Dwarf chinkapin	Quercus prinoides		42		24	76			Brown	Doug Grimm
	OAK	Eastern white	Quercus alba					458			Clay	Mary Beth Eberwein
	OAK	Emory	Quercus emoryi		222		72	321	NM		Catron	M. Melendrez, G. Sternberg, T. Buchanan
Co-Champion		Engelmann	Quercus engelmannii		214		43	252			Julian	Clinton S. Powell
Co-Champion			Quercus engelmannii		144			255			Pasadena	Woodbridge Metcalf
			Quercus robur		209			343			Olympia	Robert Van Pelt
	OAK		Quercus gambelii		219		64	341			Coconino NF	S. Poppenberger, H. Untiedt, D. Thornburg
	OAK		Quercus georgiana		77		65	152			Clarke	Lucia Duncan-Harrison
	OAK	Graves	Quercus gravesii		95		57	172			Big Bend NP	James E. Liles
	OAK		Quercus grisea		237		37	301			Coronado NF	G. Sternberg, T. Buchanan, M. Melendrez
	OAK		Quercus havardii		58		30	99			Yoakum County	Helen Thompson
	OAK		Quercus vislizeni				82	362			Humboldt	Michael Kennedy
	OAK				25 <del>4</del> 114			185				
			Quercus laceyi				73.5				Comal County	David Vaughn
Champion	OAK	Lateleaf	Quercus tardifolia	2011	53	48	23	107	TX	2010	Big Bend NP	Oscar Mestas

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Co-Champion		Laurel		2010	285	95	127		AL	2010	Marengo	Mr. Kim Mayton
Co-Champion		Laurel				130	81		SC	2006	Conagree NP	J. & D. Riddle, W. Blozan, M. Houtchings
	OAK	Live		1976	467	68	139		LA	2008	St. Tammany Parish	John deMarche, LA Forestry Assn.
	OAK	Mexican blue		1999	120	65	69		NM	2005	Hidalgo	Samuel Lamb
	OAK	Mohr		2001	37	21	22		TX	2007	Guadalupe Mountains NP	T. Buchanan, M. Melendrez
Co-Champion				2007	26	35	30	69	AL	2007	Baldwin	Harry S. Larsen, Fred Nation
Co-Champion		Myrtle	,	2005	29	37	16		GA	2007	Camden	Jimmy Mock
	OAK	Netleaf		1998	90	47	36		ΑZ	2004	Coronado NF	Robert Zahner, James W Smith
	OAK	Netleaf white		2009	95	49	73.5		TX	2011	Val Verde County	Mark Duff
	OAK	Northern pin		2006	167	92	80		WI	2003	Portage	U of W Stevens Points Student Society of Arborists
	OAK			2001	405	80	102		NY	2001	Monroe	Dan Dinero
				1968	123	64	82		GA	2007	Oglethorpe	Samuel Jones
		Oregon white		1970	276	93	65	385	OR	2007	Douglas	Allen Silveus
		Overcup				109	102		VA	2007	Southampton	B. Carmean, G. Williamson, M. Rasnake
		Palmer		1995	95	39	36		AZ	2005	Yavapai	Lora Morrow
		Pin				109	110		IN	2009	Greene	Jeremiah Lemmons
Co-Champion		Post			245	83	102		GA	2007	Jackson	Jimmy Mock
Co-Champion				2006		105	95		MS	2007	DeSoto	Drew Stafford, George Byrd III
				1985	193	64	103		FL	2003	Alachua	Robert W. Simons
				2008		70	85	283		2007	Bienville	Stephen L. Pagans
		Sand post			192				LA			<u> </u>
	OAK	Sandpaper		2003	13	18	29		AZ	2003	Coronado NF	Ken Morrow
Co-Champion		Scarlet			204	132	90		SC	2002	McCormick	Steven Jones
		Shingle				105	62	340	OH	2004	Cincinnati	A. P. Newman, R. Bernhard
		Shumard		2002	332	96	96	452	IIL	2002	Anna	Larry Mahan
		Silverleaf		2011	135	57	40		AZ	2010	Coronado NF	Mike Hallen
				1993	81	51	48		NV	2002	Spring Mountain Ranch SP	John Jones
				1996		123	152		GA	2007	Upson	C. Bowie, J. A. Osbolt, G. Hill
Co-Champion					294	106	103	426	MD	2007	Kent	John Bennett
Co-Champion		Swamp chestnut		2011	289	108	129		IN	2010	Jennings	Bob McGriff
	OAK	Swamp white		2007	271	96	100		NJ	2011	Franklin Township	Dave Johnson
	OAK	Texas	,	2003	210	66	100		TX	2010	Fort Worth	Matthew and Michael Blevins
	OAK	Texas live		2002	361	48	90.5		TX	2009	Young County	Jay Burkett
	OAK	Texas red			288	113	81	421	LA	2002	Morehouse Parish	William E. Burns
	OAK	Toumey		2005	64	24	31		ΑZ	2005	Santa Cruz	Ken and Kathy Morrow
Champion	OAK	Turkey	Quercus laevis	2009	134	64	65	214	FL	2007	Pasco	David Brown
Champion	OAK	Valley	Quercus lobata	2001	276	112	83	409	CA	2001	Tulare	Art Cowley, Dan Busby
Champion	OAK	Vasey	Quercus vaseyana	2007	60	33	34	102	TX	2006	Big Bend NP	Pete Smith
Champion	OAK	Water	Quercus nigra	2001	286	118	108	431	MS	2000	Jones	Herman Smith
Champion	OAK	Willow	Quercus phellos	2007	301	131	130	465	VA	2007	Chesapeake	Byron Carmean, Gary Williamson
Co-Champion				2003	55	28	25		ΑZ	2003	Sun City	Larry B. Wright, Russell T. Gates
Co-Champion	OLEANDER		Nerium oleander	1997	51	32	36	92	CA	2005	Exeter	Art Cowley
		Hardy			48	17	23		CT	2009	New London	Frank Kaputa
Champion	ORANGE	Orange			61	34	31	103	CA	2001	Kern	Art Cowley
		Sour			44	28	24		ΑZ	2004	Tucson	Judy Nantell, Chris Maloney
	OSAGE-ORANGE					72	85		DE	2009	New Castle	Glenn Gladders
	OSAGE-ORANGE			2009		58	90.67	-	VA	2009	Fairfax	David J. Ellis
	OYSTERWOOD			2007	17	30	13		FL	2007	Monroe	Ben Paswater, Park Ranger
				1999	69	60	14		FL	2007	Lafayette	Jerry N. Livingston
Co-Champion				2003	42	24	12		TX	2003	San Bernard NWR	Edward C Fritz
Co-Champion					43	28	13		TX	2003	San Bernard NWR	Mickey Merrit
Co-Champion		Mexican			<del>4</del> 3 59	48	18		TX	2007	San Benito	Sue Griffin
Co-Champion		Mexican			61	50	11		TX	2007	Hidalgo County	Joe Ideker
					100	40	48		ΑZ	2007	Maricopa	John Carr, David Thornburg
		Yellow		2007			_	_	AZ	2007	Mobile	Mike Hallen
	PAPAYA	I CIIUW			43	29	43					
				2009	36	40	9.5		FL	2009	Sarasota	Edward Flowers
Co-Cnampion	PAPER-MULBERRY		Broussonetia papyrifera	2005	217	27	41	254	NC	2004	Halifax	Sid Shearin

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	PAPER-MULBERRY			2007	205	41	43	-	VA	2007	Hopewell	Byron Carmean, Gary Williamson
	PARADISE-TREE			2009	58	65	20		FL	2009	Miami-Dade	Juan Fernandez
	PARADISE-TREE			2009	67	55	44		FL	2009	Miami-Dade	Juan Fernandez
	PARASOLTREE	Chinese	Firmiana simplex	1999	141	47	36	197	CA	2003	San Diego	Art Cowley
	PAULOWNIA	Royal		1989	291	54	60		IN	2007	Vanderburgh	Scott C. Wagner, Mary Ellen Jones
	PAUROTIS-PALM	rtoyar		1995	10	35	5	46	FL	2007	Dade	Don Evans, Daniel B. Ward
	PAWPAW	Common		2011	28	60	24	94	VA	2010	Fairfax	Robert Vickers
	PEACH	Common		2009	36	18	21	59	CT	2010	New Haven	Frank Kaputa
	PEAR	Common		1991	179	59	61		WA	2007	Waitsburg	R. Van Pelt, S. Muse, M. Drawson
	PECAN	Common		2001	267	141	111	436	TN	2007	Cocke	W.K. Remine
	PERSIMMON	Common		2006	151	94	78	265	AR	2003	Yell	Lynn Warren
	PERSIMMON	Texas		1965	71	25	36	105	TX	2004	Uvalde County	William Graves
	PIGEON-PLUM	Texas	1 /	2008	67	34	29	103	FL	2008	Monroe	Stephen Hodges
Co-Champion		Apache		1999	121	112	38		AZ	2008	Coronado NF	Ken Morrow, Mike Hallen
Co-Champion			ŭ	1998		108		246	AZ	2008	Coronado NF	
		Apache	Pinus engelmannii		127		44					R.& G. Zahner, K. Morrow
	PINE	Arizona		1998	152	109	57	275	AZ	2009	Coronado NF	R. & G. Zahner, Ken Porter
Co-Champion		Austrian		1995	128	95	55		WA	2005	Lincoln Park	Robert Van Pelt
Co-Champion		Austrian		2011	144	80	62		CT	2010	Litchfield	Connecticut's Notable Trees Committee
	PINE	Bishop		2005	198	72	86	292	CA	2005	City of Oakland	Art Cowley
	PINE	Border pinyon		2005	61	46	28	114	AZ	2004	Chiricahua NM	John Titus
	PINE	Chihuahua		2009	124	76	32	208	AZ	2003	Cochise	David and Paul Thornburg
	PINE	Colorado bristlecone		2007	177	63	41	250	CO	2006	Huerfano	Ed Biery
	PINE	Coulter		2001	152	141	72	311	CA	2001	Julian	Art Cowley, Clint Powell
	PINE	Digger		2005	200	126	86	348	CA	2004	Kern	Loren Ross
	PINE	Eastern white		2008	279	119	65		NH	2009	Cheshire	Frank Barker, Sally Chadwick
	PINE	Fallax pinyon		2007	100	79	40		ΑZ	2007	Prescott NF	A. Allgood, D. Thornburg, H. Untiedt
	PINE	Foxtail	Pinus balfouriana	2007	261	78	31	347	CA	2006	Shasta Trinity NF	Al Groncki, Siskiyou Wanderers
Champion	PINE	Great Basin bristlecone	Pinus longaeva	2003	455	52	44	518	NV	2003	Humboldt-Toiyabe NF	Robert Van Pelt
Champion	PINE	Jack	Pinus banksiana	2008	121	55	50	189	MN	2008	Kittson	Steve Morgan, Rick Olson
Champion	PINE	Jeffrey	Pinus jeffreyi	2010	302.4	207	64	525	CA	2010	Trinity	Michael Taylor, Lucas Crandall
Champion	PINE	Limber	Pinus flexilis	1968	275	62	47	349	UT	2007	Uinta NF	T.A. Walker, W. Crawford, T. Dietz
Champion	PINE	Loblolly	Pinus taeda	2001	176	167	71	361	SC	2003	Congaree Swamp NP	D. Riddle, J. Riddle, W. Blozan
Champion	PINE	Longleaf	Pinus palustris	2005	145	106	36	260	NC	2004	Montgomery	Johnny Mabe
Co-Champion	PINE	Mexican pinyon		1982	71	50	37	-	TX	2010	Big Bend NP	James E. Liles
Co-Champion		Mexican pinyon		2005	71	50	41	131	TX	2010	Big Bend NP	Robert Edmonson
	PINE	Monterey		2003	334	167	106	528	CA	2004	Carmel	Alan Washburn
	PINE	Pacific ponderosa		2008	324	235	65.67	575	CA	2008	El Dorado	Don Errington & crew
	PINE	Pinyon (two-leaf)		2009	88	40	38		ΑZ	2009	Coconino NF	Andy Allgood, David Thornburg
Co-Champion		Pitch				114	70			2004	White	K. Jackson, P. Todd, J. Mock
Co-Champion		Pitch		1999	170	99	42		NH	2003	Newbury	William Weiler
	PINE	Pond		2009	138	120	65	1	FL	2005	Putnam	Harold Wilson
	PINE	Red		1968	141	122	54		MI	2006	Gogebic	Andy and Noah Sawyer
	PINE	Rocky Mountain lodgepole		1980	133	156	37		ID	2007	Valley	S. Keaffer, T. McManus
	PINE			1997	246	194	64		MT	2007	Lolo NF	Donald M. Wood, Don Campbell
	PINE	Sand		2011	86	80	56		FL	2010	Alachua	Robert Simons
	PINE			2005	174				NE	2005		Christine Meyer
	PINE	Scotch Shore		1993		53 101	73			2005	Beatrice	Ron Brightman
							37		WA		Bryant	ů
Co-Champion		Shortleaf		2007	151	91	68		TX	2005	Smith County	Larry Jones
Co-Champion		Shortleaf		2006	113	136	50		AR	2006	Ashley	Don C. Bragg
	PINE	Sierra lodgepole		1963	245	116	50		CA	2001	San Bernardino NF	Miles Gulick
	PINE	Singleleaf pinyon		2005	167	50	52		NV	2005	Washoe	Dian Mercier, Harley Moe
	PINE	Slash		1985	138	144	54		FL	2007	Duval	James R. Karels
	PINE	South Florida slash		2009	149	69	61		FL	2009	Lee	Michael Weston
	PINE	Southwestern white		1974		111	62		NM	2005	Lincoln NF	Thomas Dix
	PINE	Spruce		2003	146	156	70		MS	2003	Bienville NF	Grace and Art Bradshaw
Champion	PINE	Table mountain	Pinus pungens	1988	104	120	41	234	NC	2004	Stokes	M. Pell, S. Williams, K. & S. Knox

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	PINE	Virginia	Pinus virginiana		125	_	63	206			Monongalia	Bob Hannah, Liz Synder
	PINE	Washoe	Pinus washoensis		207		75	376	CA		Modoc NF	Edith Asrow
	PINE	Western white	Pinus monticola		324		55	455	CA		Alpine	Mike Mahoney
	PINE		Pinus albicaulis		268		27	340	ID		Sawtooth NF	Tyler Williams
	PINYON		Pinus remota	2010	74		48	126			Edwards County	James and Casey McGee
	PISONIA		Pisonia rotundata	1994	40		12	70	FL		Monroe	Robert W. Ehrig
	PISTACHIO		Pistacia mexicana	2003	33		27	63	TX		Langtry	Mark Duff
Co-Champion		Allegheny	Prunus alleghaniensis	1991	37		24	80	VA		Jefferson NF	Richard Salzer
Co-Champion		Allegheny	Prunus alleghaniensis		52		32	84	VA		Roanoke	Richard Salzer
	PLUM	-	Prunus americana		52		25	89	MI		Washtenaw	Richard Pomorski
	PLUM		Prunus angustifolia	2003	35		23	66	VA		Southhampton	Byron Carmean, Gary Williamson
	PLUM		Prunus umbellata	2007	35		37	87	GA		Chattahoochee NF	Sheldon Henderson
	PLUM		Prunus domestica	2011	81		34	115	VA		Fauquier	B & J Carmean, G. Williamson, J. Kirwan,
	PLUM		Prunus hortulana		30		26	67	OH		Clermont County	Brian P. Riley
Co-Champion					71		19	94	TX		,	Frank L. Saffarrans, Jr.
Co-Champion		Mexican	Prunus mexicana		68		37		TX		Hood County	,
		Mexican	Prunus mexicana				36	95			Houston	Matt Weaver
Co-Champion		Mexican	Prunus mexicana		63			98			Bogata	Gary Cheatwood
	PLUM		Prunus munsoniana	2003	25		35	70	TX		Dallas	Steve Houser
	POINCIANA	Royal	Delonix regia		182		61	259	FL		Hendry	Michael W. Kenton
	POISON-SUMAC		Toxicodendron vernix	2000	18		19	53	MD		Arnold	Colby B. Rucker
	POISON-SUMAC		Toxicodendron vernix	2011	18		32	56	CT		Hartford	Frank Kaputa
	POISON-SUMAC		Toxicodendron vernix	2009	35		17	57	MI		Berrien	Andrew Sawyer
	POISONTREE	Florida	Metopium toxiferum	1986	78		24	131	FL		Monroe	Ken Roundtree, David M. Sinclair
	POND-APPLE		Annona glabra		130		38	182	FL		Palm Beach	Norman Masencup
<u> </u>	PONDCYPRESS		Taxodium ascendens		156		31	267			Montgomery	Montgomery County Forestry Board
	POPLAR		Populus balsamifera		189		73	341	NH		Cheshire	Adam Welch
	POPLAR		Populus alba		256		70	342	MI		Charlevoix	Elwood B. Ehrle
	PORT-ORFORD-CEDAR		Chamaecyparis lawsoniana		522		35	773	OR		Siskiyou NF	Donald Denniston
	POSSUMHAW		Ilex decidua	1981	37		49	93	SC		Congaree NP	Robert H. Jones, Lee Renaud
Champion	PRICKLY-ASH	Lime	Zanthoxylum fagara	1988	65	16	33	89	FL	2007	Lee	Eric H. Hoyer, Norma Jean Byrd
Champion	PRINCEWOOD	Caribbean	Exostema caribaeum	1998	26	36	10	65	FL	2007	Monroe	Joseph Nemec
Champion	PRIVET	California	Ligustrum ovalifolium	1999	96	30	38	136	VA	2009	Roanoke	Richard Salzer
Champion	PRIVET	Chinese	Ligustrum sinense	2010	78	28	33	114	VA	2010	Chesapeake	Byron Carmean, Gary Williamson
Champion	PRIVET	Japanese	Ligustrum japonicum	2011	42	60	27.5	109	TX	2011	Houston	Jack Swayze
Champion	REDBUD	California	Cercis occidentalis	1980	71	45	38	126	CA	2001	Sonoma	E. Lagel
Champion	REDBUD	Eastern	Cercis canadensis	2011	163.8	23	27.5	194	IN	2009	Vanderbough	Dr. William Ritchie
Champion	REDCEDAR	Eastern	Juniperus virginiana	1989	234		75	310	GA		Coffee	Richard Johnston
Champion	REDCEDAR	Southern	Juniperus virginiana var. silicicola		212		55	303	FL		Alachua	Robert W. Simons, Bill Russell
		Western	Thuja plicata								Olympic NP	F.W. Mathias
	REDSHANK		Adenostoma sparsifolium	1977	48		26	78			Warner Springs	Frank Callahan
Co-Champion			Sequoia sempervirens				101	1191			Prairie Creek Redwoods SP	Ron Hildebrant, Michael Taylor
Co-Champion			Sequoia sempervirens				89	1216			Redwood National Park	Christ Atkins, Michael Taylor
Co-Champion			Sequoia sempervirens				83	1223			Jedediah Smith Redwoods SP	Ron Hildebrant, Michael Taylor, Steven S
Co-Champion			Sequoia sempervirens				75	1290			Jedediah Smith Redwoods SP	Ron Hildebrant, Michael Taylor, Steven S
	RHODODENDRON		Rhododendron catawbiense		15		15	44	NC		Great Smoky Moutains NP	Jess Riddle
			Rhododendron macrophyllum		37		21	66			Lane	R. Sjogren, J. Grant, J. Hall
	RHODODENDRON		Rhododendron maximum		28		36	65			Rabun	Jimmy and Sandra Mock
	RHODODENDRON	·	Rhododendron maximum		31		28	66			Buncombe	K. Knox, B. Alexander, R. Lance
	RHODODENDRON		Rhododendron maximum		28		28	69			Sumter NF	Steve Muzal
					26 55		20 13				Collier	Daniel B. Ward
			Roystonea regia					151				
	RUSSIAN-OLIVE		Elaeagnus angustifolia		160		61	222			Rapid City	Royce King
			Artemisia tridentata		30		15	49			Jefferson	Mark R. Corbet
Co-Champion			Carnegiea gigantea		83		15	141			Pinal	M. Hallen, T. Dutton, J. Nash
Co-Champion			Carnegiea gigantea		108		16	144			Mammoth	Charley Blank
	SASSAFRAS		Sassafras albidum		278			350			Daviess	Dr. O.W. Rash
Champion	SATINLEAF		Chrysophyllum oliviforme	1976	72	45	45	128	FL	2007	Dade	Clifford Shaw, Albert Hetzell

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	SATINWOOD	West Indian		2007	95	30	35	134	FL	2007	Monroe	Key West Botanical Garden Society
	SAW-PALMETTO		Serenoa repens	1982	19	17	4	37	FL	2007	Sumter	Buford C. Pruitt, D. Fogler
	SAW-PALMETTO			2005	18	22	7	_	FL	2005	Glades	Dale Armstrong
	SCARLETBUSH			2005	18	14	15	36	FL	2005	Brevard	Blair and Dawn Witherington
	SEAGRAPE			1971	288	80	80	388	FL	2007	Dade	D. McGarthy, R. Hammer, D. Ward
	SEQUOIA	Giant	Sequoiadendron giganteum	1940	1020	274	107	1321	CA	2009	Seguoia NP	Isabelle F. Story
	SERVICEBERRY	Allegheny		2006	125	40	53		MI	2006	Washtenaw	Richard Pomorski
	SERVICEBERRY	Downy		2009	134	34	52	181	CT	2009	Hartford	Ed Richardson
	SERVICEBERRY	Roundleaf		1978	59	53	43		VT	2002	Clarendon	Dave Potter
	SERVICEBERRY	Utah		2005	14	21	25	41	ΑZ	2010	Coconino NF	David and Judy Thornburg
	SERVICEBERRY	Western	Amelanchier alnifolia	1993	41	41	41		WA	2007	Beacon Rock SP	Robert Van Pelt
	SILKTASSEL	Wright		2007	38	17	19	60	AZ	2007	Coconino NF	D. Thornburg, H. Untiedt, A. Allgood
	SILKTREE	Mimosa		2009	165	59	103	250	VA	2009	Virginia Beach	Carmean, Knuckols, Carroll, Williamson
	SILVERBELL	Carolina		2003	152	116	43	279	TN	2003	Great Smoky Mountains NP	Doug and Jess Riddle
	SILVERBELL	Two-Wing		2011	64	60	44		NJ	2011	Middlesex	Evan Dilluvio
Co-Champion		Florida		1976	22	26	44	49	FL	2007	Monroe	Monay Markey
Co-Champion		Florida	<u> </u>	1979	19	33	4	+	FL	2007	Monroe	Monay Markey
	SMOKETREE		<u> </u>				42					
		American		2009	102	42	43		KY	2009	Fayette	Bridget Abernathy
	SNOWBELL	American		2009	12	20	23	38	VA	2009	Isle of Wight	Byron Carmean, Gary Williamson
	SNOWBELL	Bigleaf		2009	20	17	26	44	VA	2009	Suffolk	B. Carmean, G. Williamson, M. Lane
	SOAPBERRY	Western		2007	126	59	39	195	KS	2005	Johnson	Rick Spurgeon
	SOLDIERWOOD			2009	85	28	24	119	FL	2007	Monroe	Bob Showler
	SOURWOOD	_		1998	139	81	50	233	VA	2007	Amelia	John Anderson, Joseph Humphreys
	SPARKLEBERRY	Tree		2009	48	27	39	85	FL	2007	Walton	Donnie Slay
	SPARKLEBERRY	Tree		2007	47	28	41	85	AL	2007	Choctaw	Earl Jenkins
	SPARKLEBERRY	Tree		2007	62	18	31	88	TX	2004	Houston County	Waymon Vest
	SPICEBUSH			2008	16.5	32	21	54	NC	2008	Buncombe	Will Blozan
	SPRUCE	Black		2010	75	76	37	160	ME	2010	Hancock	Richard Hero
	SPRUCE	Black hills		2004	117	103	30		SD	2003	Custer	Mark Rouw
	SPRUCE	Blue		1991	190	127	43	328	UT	2001	Ashley NF	A.J. Frandsen, Sherel Goodrich
	SPRUCE	Engelmann	Ü	2005	292	181	50	486	ID	2004	Boise	Christopher Wagner, Penny Myers
Co-Champion		Norway		2005	186	110	64		NY	2006	Oneida	Charles McFadden
Co-Champion	SPRUCE	Norway	Picea abies	2011	170	133	48	315	VA	2005	Tazewell	Louise Hoge
Champion	SPRUCE	Red	Picea rubens	2007	152	147	24	305	NC	2007	Great Smoky Mountains NP	Jess Riddle, Josh Kelly
Champion	SPRUCE	Sitka	Picea sitchensis	1987	668	191	96	883	WA	2007	Olympic NP	Robert Van Pelt
Champion	SPRUCE	White	Picea glauca	2011	191	91	19.5	287	MT	2009	Lincoln	Mark Lewing
Co-Champion	STEWARTIA	Virginia	Stewartia malacodendron	2011	11	15	20	31	VA	2010	Chesapeake	Byron Carmean, Gary Williamson
Co-Champion	STEWARTIA	Virginia	Stewartia malacodendron	2009	7	20	24	33	VA	2008	Chesapeake	Jack Campbell
Champion	STOPPER	Boxleaf	Eugenia foetida	1999	12	25	9	39	FL	2007	Monroe	Joseph Nemec
Champion	STOPPER	Red		1999	19	28	11		FL	2007	Monroe	Joseph Nemec
	STOPPER	Redberry			61	41	20		FL	2007	Dade	C. Lippincott
	STOPPER	White		1993	17	25	7		FL	2007	Lee	Richard R. Workman
	STRONGBACK	Bahama	ü		37	33	17	74	FL	2007	Monroe	Joseph Nemec
	SUGARBERRY				243	74	93	340	FL	2007	Hamilton	Harold Tyree
	SUGARBERRY				219	102	80		VA	2010	Fauquier	Robert Vickers
Co-Champion		Evergreen			31	14	27		TX	2005	New Braunfels	Wiliam Schumann
Co-Champion		Evergreen		2011	27	21	26		TX	2011	Travis County	Eric Beckers
Co-Champion		Evergreen		2006	37	15	16			2006	Concan	Bill Graves
	SUMAC	Littleleaf		2007	13	14	20			2007	Graham	Judy and David Thornburg
	SUMAC	Mearns			21	20	16		AZ	2007	Coronado NF	K. Morrow, R. Zahner
	SUMAC	Prairie			71	26	45		TX	2007	Gillespie County	Raymond C. Doggett
												, ,
Co-Champion		Shining	· · · · · · · · · · · · · · · · · · ·	2007	29	35	24		KY	2007	Bullitt	Robert Bean
Co-Champion		Shining		2000	38	29	32		MS	2000	Pontotoc	Rickey Harwell, G.W. Poyner
	SUMAC	Staghorn		1985	50	57	41	_	AL	2007	Tallapoosa	Ted Kretschmann
	SUMAC SPRINGET	Sugar		1995	71	34	36			2005	Tonto NF	Ken Morrow
Champion	SWAMP-PRIVET	Eastern	Forestiera acuminata	2007	31	46	29	84	GA	2003	Toombs	Justin Tyson, Mike Waters

Status	Species	Common Name	Scientific Name	Nominated	Circum	Height	Spread	Points	State	Measured	Location	Nominator
	SWEETGUM	- Common rame	Liquidamber styraciflua				82	384			Congaree Swamp NP	Robert H. Jones, Lee Reynaud
	SWEETLEAF	Common	Symplocos tinctoria	1986			32	111			Chesapeake	Byron Carmean, Gary Williamson
	SYCAMORE	American	Platanus occidentalis					577	OH		Ashland	Jack Basinger, Loren Latimer
	SYCAMORE	Arizona	Platanus wrightii		373		73	462	AZ		Coconino NF	David Thornburg, Harry Untiedt
	SYCAMORE	California	Platanus racemosa			105.83		496	CA		Orangedale	Robert Van Pelt
	TALLOWTREE	Camornia	Triadica sebifera		159		57.5	228			Houston	William and Mary Jackson
	TALLOWWOOD		Ximenia americana	1998			10	57			Monroe	Joseph Nemec
	TAMARACK		Larix laricina					219			Crow Wing	Jim and Anne Pierson
	TAMARIND		Tamarindus indica	1986			44	154	FI		Monroe	Michael J. Cullen, David M. Sinclair
Co-Champion		Chinese	Tamarix chinensis				50	228	NM		Albuquerque	Robert Squires
	TANOAK	Offinese	Lithocarpus densiflorus				63	454	OR		Curry	George Miller
	TESOTA	Desert ironwood	Olneya tesota		198			245	CA		Riverside	Art Cowley
	TESOTA	Desert ironwood	Olneya tesota	2011			58	250	AZ		Maricopa	Steve & Julie Plath
	TETRAZYGIA	Florida	Tetrazygia bicolor	2005			15	49	FL		Dade	David L. Lysinger
	THATCHPALM	Florida	Thrinax radiata			34	0	53	FL		Broward	D. Spicer, W. Harms, W. Tesauro
	THATCHPALM	Key	Thrinax radiata Thrinax morrisii			20	7	42	FL		Dade	Don Evans, Daniel B. Ward
	TORCHWOOD	Balsam	Amyris balsamifera		21		17	50	· -		Monroe	Mike Cullen, David Sinclair
	TORCHWOOD	Torchwood	Amyris elemifera				14	54			Monroe	Bob Showler
	TORREYA	Florida	Torreya taxifolia				40	187	NC		Warren	Robert Simons
Co-Champion		Florida	Heteromeles arbutifolia	2005	54		39	92	CA		Orange	Arthur P. Cowley
Co-Champion			Heteromeles arbutifolia				35	95	CA		Orange	Mike Swingholm
	TREE TOBACCO		Nicotiana glauca	2007			16	42	AZ		Tonto NF	Andy and Marsha Allgood
	TREE TOBACCO		Nicotiana glauca				17	44	AZ		University of Arizona	Ken Morrow
	TUPELO	Black	Nyssa sylvatica				92	348	TX			William Godwin
	TUPELO				242		92 50	300			Wood County Toombs	
	TUPELO	Ogeechee	Nyssa ogeche Nyssa biflora					384	SC			Justin Tyson, Mike Waters Samuel E. Porth
	TUPELO	Swamp Water	-				54	590			Congaree Swamp NP Greensville	
	VAUQUELINIA		Nyssa aquatica Vauquelinia californica	1993	78		40	135	VA AZ			B. Carmean, G. Williamson, M. Rasnake, K Robert Zahner
	VELVETSEED	Torrey Elliptic-leaf	Guettarda elliptica	2009	38		20	77	AZ.		Organ Pipe Cactus NM	Bob Showler
	VELVETSEED	·	Guettarda scabra	1998			12	46	FL		Monroe Monroe	Joseph Nemec, Daniel Ward
	VIBURNUM	Roughleaf		2003					GA			l '
	WALNUT	Possumhaw	Viburnum nudum		17		20 88	55 318	AZ		Oconee Prescott NF	Larry Morris, Scott Bryant
	WALNUT	Arizona Black	Juglans major					572			Multnomah	D. Thornburg, H. Untiedt, A. Allgood  Dan Tillman
	WALNUT		Juglans nigra					236				Stan Roth
	WALNUT	Little Northern California	Juglans microcarpa				60 118		KS		Barber	Susan Alison Fulmer
	WALNUT		Juglans hindsii				106	567	CA		El Dorado Butte	Gordon R. Foster
	WATER-ELM	Southern California	Juglans californica				61	455 288	CA		Gilchrist	Bob Heeke-SRWMD
	WATERLOCUST		Planera aquatica	1993			63		PA		Wyndmoor	
	WHITE IRONWOOD		Gleditsia aquatica Hypelate trifoliata					211 134			Monroe	Maurice E. Hobaugh Bob Showler
		Atlantic					38 22	304			Burlington	Dave Finely
	WHITE-CEDAR WHITE-CEDAR		Chamaecyparis thyoides								<u> </u>	
		Northern	Thuja occidentalis				42	340			Grand Traverse	Andrew and Noah Sawyer Ward Robens
	WHITE-CEDAR	Northern	Thuja occidentalis				42	342			Alleghany	
	WILD-DILLY	Amayo	Manilkara jaimiqui				32	68			Monroe	Stephen Hodges
	WILLOW	Arroyo	Salix lasiolepis				49	142			San Juan Capistano	Art Cowley
_	WILLOW	Bebb	Salix bebbiana				18	137	AZ		Apache NF	David Thornburg
	WILLOW		Salix nigra				83	490			Grand Traverse	Ted and Tedd Reuschel
	WILLOW	Coastal plains	Salix caroliniana	2009			45	149			•	B. Carmean, G. Williamson, J. Kirwan
_	WILLOW	Crack	Salix fragilis				60	364			Monument Fort Weignericht	Jim McGuire
	WILLOW	Feltleaf	Salix alaxensis	2001			24	83			Fort Wainwright	Mark R. Corbet
	WILLOW	Geyer	Salix geyeriana	2007	10		14	27	AZ		Fort Apache Indian Reservation	David Thornburg
	WILLOW	Goodding	Salix gooddingii					421			Luna	Ralph Fisher, Jr.
	WILLOW	Hooker	Salix hookeriana				39	125			Tillamook	Joe Travers
	WILLOW	Purple-osier	Salix purpurea		9		27	33			Monroe	Richard Cook, Douglas Bassett
	WILLOW	Pussy	Salix discolor		65		22	101			Amherst	B. Carmean, G. Williamson, D. Meeks
		Sandbar	Salix exigua	2011			18	66			Berrien	Andrew Sawyer
Champion	WILLOW	Scouler	Salix scouleriana	1995	149	66	54	229	WA	2007	Maury Island	Robert Van Pelt, Ron Brightman

Status	Species	Common Name	Scientific Name	Nominated	Circum.	Height	Spread	Points	State	Measured	Location	Nominator
Champion	WILLOW	Silky	Salix sericea	2011	69	32	36	110	NJ	2011	Morris	John Kuser
Co-Champion	WILLOW	Weeping	Salix babylonica	2009	303	80	94	407	MI	2007	Berrien	Andrew and Noah Sawyer
Co-Champion	WILLOW	Weeping	Salix babylonica	2011	321	68	91	412	MI	2010	Clinton	Ted and Tedd Reuschel
Champion	WILLOW	White	Salix alba	2009	362	58	81	440	MI	2008	Ingham	Ted and Tedd Reuschel
Champion	WILLOW	Yellow	Salix lutea	2007	17	14	12	34	ΑZ	2006	Coconino NF	David Thornburg, Andy Allgood
Champion	WILLOW	Yewleaf	Salix taxifolia	2009	103	17	14	124	TX	2009	Presidio County	Oscar Mestas
Co-Champion	WINTERBERRY	Common	Ilex verticillata	2007	17	17	19	39	VA	2007	Orange	Jess Riddle
Co-Champion	WINTERBERRY	Common	Ilex verticillata	2009	25	14	11	42	VA	2009	Chesapeake	Byron Carmean, Gary Williamson
Champion	WINTERBERRY	Mountain	Ilex montana	2007	30	40	25	76	VA	2007	Mountain Lake	Byron Carmean, Gary Williamson
Champion	WITCH-HAZEL		Hamamelis virginiana	1984	92	32	32	132	VA	2006	Bedford	Richard Salzer
Champion	YAUPON		Ilex vomitoria	2011	75	53	30	136	VA	2010	Petersburg	Greg Werkheiser
Champion	YELLOW-POPLAR	Tuliptree	Liriodendron tulipifera	2007	359	115	83	495	VA	2005	Chesapeake	Byron Carmean, Gary Williamson
Champion	YELLOWWOOD		Cladrastis kentukea	2007	226	70	75	315	NJ	2011	Morristown	Robert Essner
Champion	YEW	Florida	Taxus floridana	1986	27	22	23	55	FL	2007	Liberty	Joey T. Brady, Jerome Bracewell
Champion	YEW	Pacific	Taxus brevifolia	1959	180	54	30	242	WA	2007	Mineral	B. Malcomb, L. Barnhouse, A. Storkman, R
Champion	YUCCA	Aloe	Yucca aloifolia	2001	19	14	4	34	GA	2009	Brantley	Jimmy Mock
Champion	YUCCA	Beaked	Yucca thompsoniana	2008	98	17	18	120	TX	2007	Fort Stockton	Daniel Goodspeed
Co-Champion	YUCCA	Faxon	Yucca faxoniana	2007	73	19	7	94	TX	2006	Jeff Davis County	Oscar Mestas
Co-Champion	YUCCA	Faxon	Yucca faxoniana	2007	72	23	9.5	97	TX	2006	Alpine	Oscar Mestas
Champion	YUCCA	Mojave	Yucca schidigera	1987	58	31	7	91	CA	2004	Mojave National Preserve	R. Alexander, G. Meckfessel, K. Nosstrom
Champion	YUCCA	Moundlilly	Yucca gloriosa	1998	118	32	38	160	CA	2003	Huntington Beach	Art Cowley
Champion	YUCCA	Soaptree	Yucca elata	1991	60	26	12	89	NM	2005	Deming	Frank T. Callahan
Champion	YUCCA	Torrey	Yucca torreyi	1987	86	23	6	111	NM	2005	Lincoln NF	John McNelly

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AUTUMN 2011

# American Forests

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Superior National Forest has much to offer outdoor recreationists, like hiking, canoeing, and birdwatching.

—by Steve Bailey

# JOURNEY THROUGH CHAMPION TREES 30

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—by Whit Bronaugh

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#### Editors' NOTF

#### Dear Readers.

2011 has been an exhilarating year of change at American Forests, and we are thrilled to unveil some of our new work in this issue of our magazine: our new logo, more photos, a wider variety of articles, and a cleaner look. The magazine continues to offer information and perspective on policy issues, science-based insights on major ecosystem challenges, and news briefs addressing current projects and events. We also intend to explore more thoroughly the wealth of opportunities that forests offer, from economic and environmental benefits to recreation, health, and peace of mind. To bring you these new features in a timely manner, we have made a slight adjustment to our publication schedule. This year, we decided to forego our traditional summer issue to bring you an autumn issue that will reach you in the middle of the season rather than closer to its end. To continue the process of better timing our issues, the winter issue will arrive in early 2012. These changes reflect our magazine's reinvigorated mission to bring you the best in conservation news, as well as our organization's mission to protect and restore forests and to help preserve the health of our planet for the benefit of its inhabitants.

We hope you have already visited American Forests' all new website, www.americanforests.org, which now features even more content on how you can protect, restore, and enjoy America's forests. It also has updated information on our programs and initiatives, including Global ReLeaf and the 2011 National Register of Big  $\mathit{Trees}$ , and the latest science and policy breakthroughs. Check out the newly launched Loose Leaf blog for frequent updates on our work and current forestry issues, and visit the site often for new videos, photos, and content.

We'd love to get your feedback about what you see and read in this issue and to learn about any suggestions you may have. Email us at magazine@americanforests.org or send us a letter at Editor, American Forests magazine, 734 15th Street, NW, Suite 800, Washington, D.C. 20005.

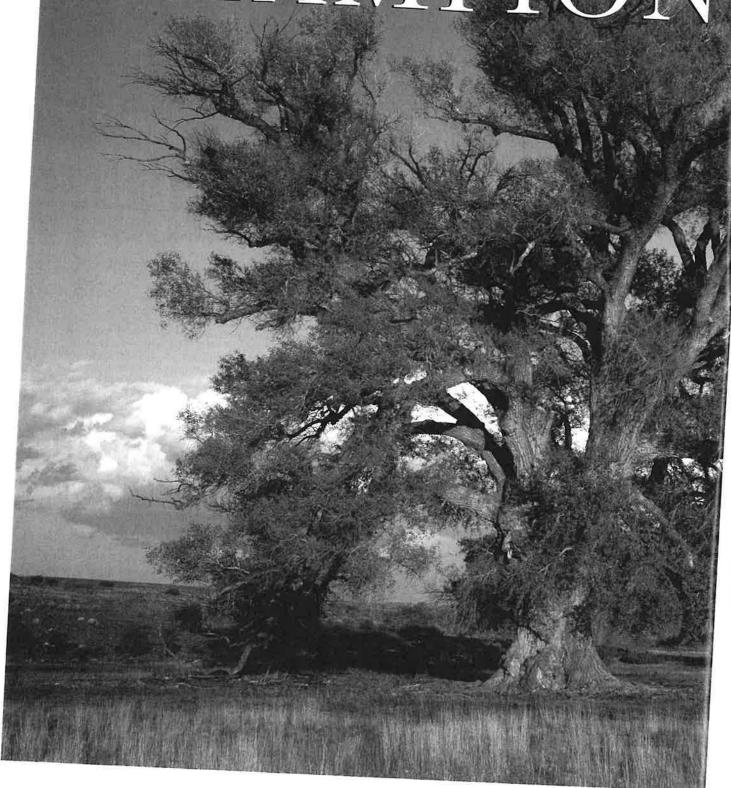
#### Best regards,

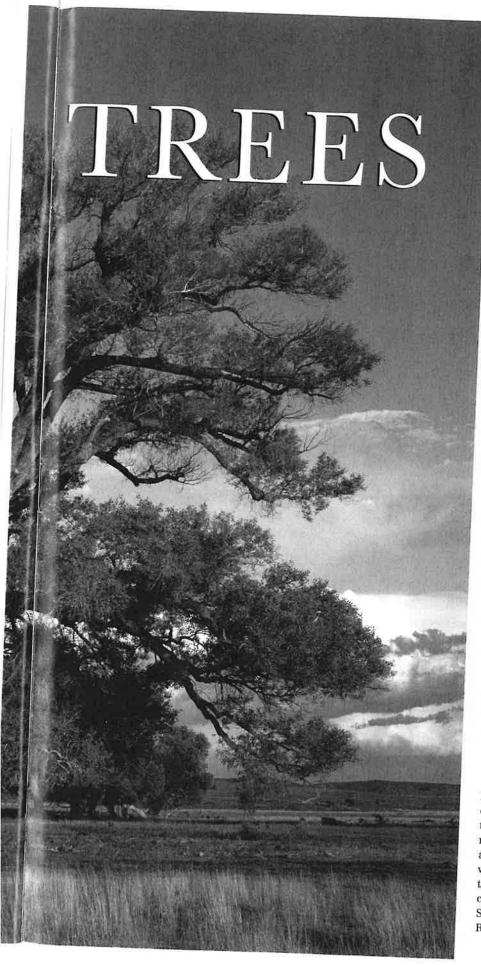
Peter Hutchins and Lea Sloan, Editorial Directors

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# A Journey Through CHAMPION





Story and photos by Whit Bronaugh

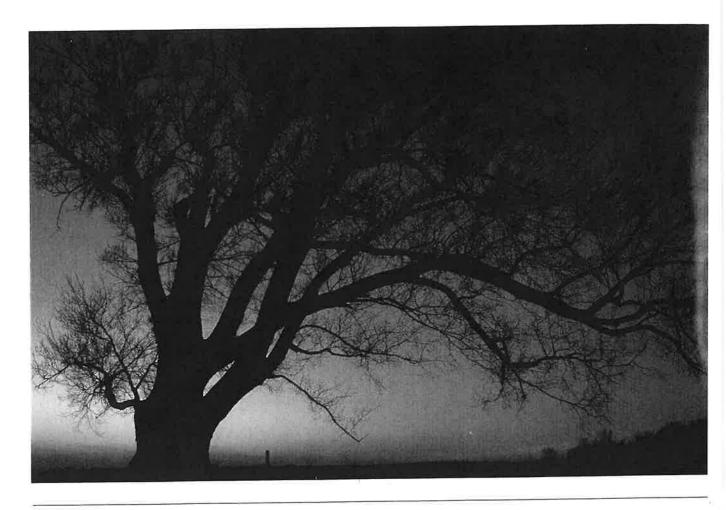
or most of my childhood my address was "the house with the biggest tree on Cardinal Lane. " That big black cherry tree, a remnant of the farm from which our little subdivision was carved, dominated our front yard and arched protectively over my bedroom.

It defined my seasons, taught me biology, featured in my outdoor games, and conveyed the potential of tree growth, the relative permanence of big trees, and the feeling that there are bigger, older, and wiser things in this world that we should heed. Perhaps it's no wonder that, when I became a nature photojournalist, I soon turned my camera toward big trees.

Near midnight on May 12, 1989, I pulled into a parking lot, walked down a short trail, and, for the first time, paid a visit to a national champion tree. The next morning, I returned and photographed my first national champion tree, ole General Sherman him/herself. Since then, I have had the honor and privilege of photographing 200 champion trees in 30 states, but the real rewards come from just spending time with them, appreciating them, and seeing the world from their perspective. I hope these images will give you a window to some of my experiences with big trees and inspire you to go out and have your own.

### RIO GRANDE COTTONWOOD

Photographing champion trees is a challenge mainly because many champion trees are not, well, photogenic. Some are near the end of their life and are falling apart; some have a blocked view. Not so with this beautiful Rio Grande cottonwood in the Davis Mountains, formerly the biggest champion tree in the big state of Texas. Sadly, the champion perished in the Rockhouse fire earlier this year.



#### AMERICAN ELM

American elms have been associated with Daniel Boone, Buffalo Bill, William Penn, George Washington, Abraham Lincoln, Chief Loga Kit Carson, and many others. This champion, called the Louis Vieux Elm, has also had its share of fame and glory. "Ol' Looey" was a landmark along the Oregon Trail; is the sole tree in the country's smallest state forest, which was created on its behalf; was featured: *National Geographic*; and was named for a Pottawatomie Indian leader.

Opposite Page Clockwise from Top Left

#### **SUGAR PINE**

At the base of this sugar pine, you can walk into an old fire scar from either side and stand within the embrace of the biggest pine tree in the world. You might feel some trepidation about the fact that well over \$150 tons of wood is suspended above your head with most of the original support missing. But step outside the champion's "protection," and you risk a Chicken Little moment if the squirrels are felling the two-foot-long cones.

#### BLUEGUM EUCALYPTUS

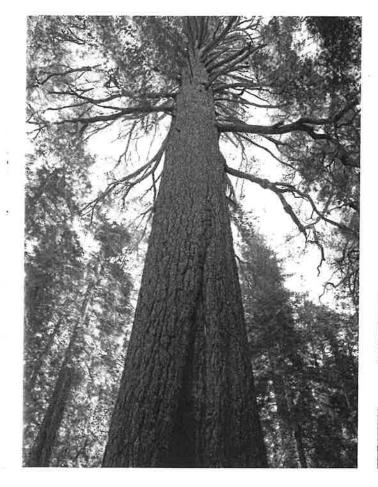
This is the tree that, since 2004, remains unforgiven for the true crime of placing Clint Eastwood's former champion in the line of fire and picking it off as easily as a hunter picks off a bird on a tightrope, leaving this bluegum eucalyptus, as the Romans would say, invictus. It also, apparently, ate a fence.

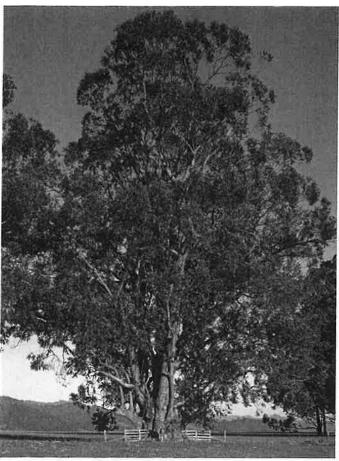
#### VELVET MESQUITE

When sizing up a tree, we usually only measure what we can see. Above ground, this champion velvet mesquite is 46 feet tall, but its taproot may go down three times that distance. This allows it to drink contentedly and keep its leaves during all but the most severe droughts that occur in its Sonoran Desert home in Arizona.

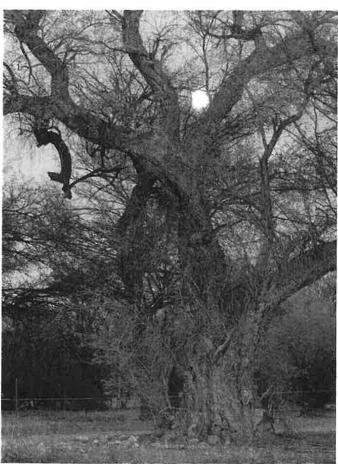
#### CALIFORNIA REDBUD

Growing next to a house in Santa Clara, California, this tree may be relatively unremarkable to a passerby used to the many types of showy, often exotic, ornamental trees common o American lawns. But a shar botanical eye will see that, r only is it a native California redbud, but it's also the bigg of its kind.

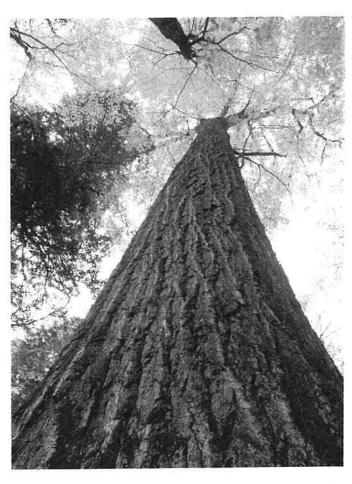


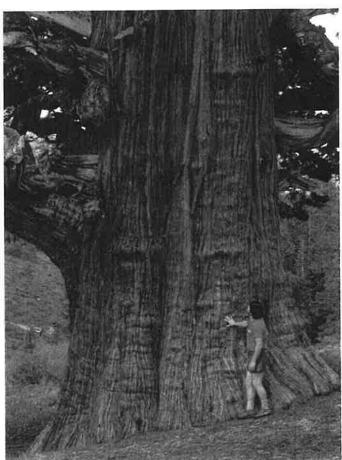


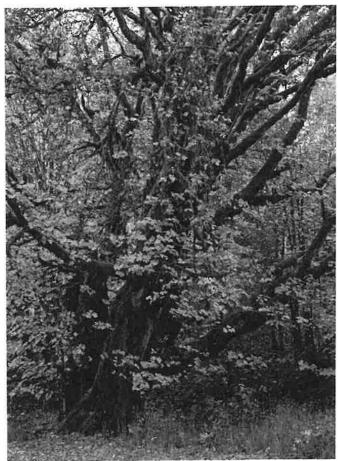














#### MONTEZUMA BALDCYPRESS

Growing on the banks of an oxbow lake along the Rio Grande near San Benito, Texas, this champion montezuma baldcypress is an impressive tree with a seven-feet-thick trunk. But it has a lot of growing to do to catch up to the world champion in Oaxaca, Mexico. That tree, called the Tule Cypress, has a diameter of nearly 31 feet!

Opposite Page Clockwise from Top Left

#### COAST REDWOOD

Coastal redwood forests have the greatest biomass of any ecosystem in the world, but it's a sobering thought, if you are hiking through one, to realize that 95 percent of that biomass is hanging above your head. Particularly when you remember that redwood roots only go down about six feet. This champion, called the Del Norte Titan, has a volume exceeded only by 14 trees in the world, all giant sequoias.

#### NORTHERN RED OAK

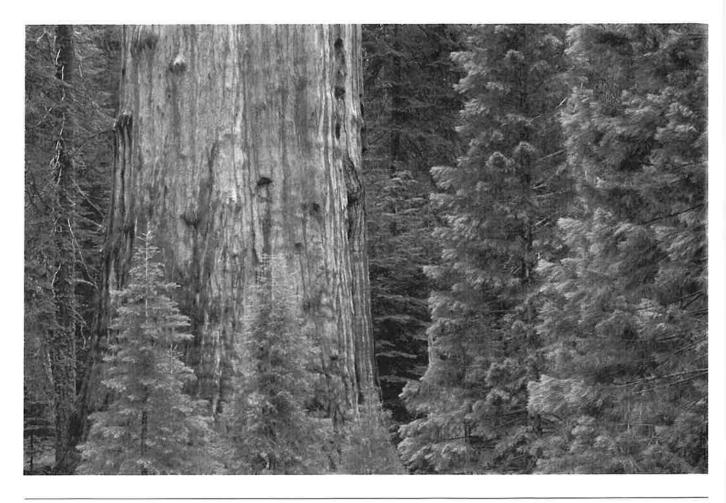
Less than half of one percent of old-growth forests in the eastern United States have survived post-Columbian settlement, and much of what is left, while old, is stunted by shallow or nutrient-poor soils. Standing before this champion northern red oak in Great Smoky Mountains National Park, it is difficult to convince yourself that you are not looking at one of the giant conifers on the West Coast.

#### **BIGLEAF MAPLE**

This former national bigleaf maple champion was also the third biggest broadleaf tree in the country. This champion grew by the side of the road in Jewel, Oregon, and was a delight to see in any season.

#### WESTERN JUNIPER

Western junipers rank as the fourth longest-lived tree species in the world, with the oldest specimen attaining 2,675 years. The bonsai-like champion shown here, called the Bennett Juniper after naturalist Clarence Bennett, is no spring chicken: it sprouted around 2,200 years ago, around the time of your 110greats grandparents.



#### GIANT SEQUOIA

It weighs more than three 747 airliners, is more than 2,200 years old, has dropped branches bigger than most trees east of its Sierra Nevada home, adds wood at the rate of a four-foot two-by-four every day, has seen 28,700 full moons, and has a volume 10 percent bigger than its closest competitor. Simply put, the General Sherman giant sequoia in Sequoia National Park, California, is the biggest tree on the planet.

Opposite Page Clockwise from Top Left

#### SAGUARO

Unless you are there in one of its infrequent downpours or the ephemeral spring, everything in the Arizona desert speaks of dryness. Yet the saguaro cacti, standing comically in all manner of anthropomorphic postures, are 90 percent water. This specimen, towering in the Superstition Mountains, beat the millions-to-one odds against germinating, was only about 10 inches tall when it was 20 years old, and still grew to become a champion.

#### VALLEY OAK

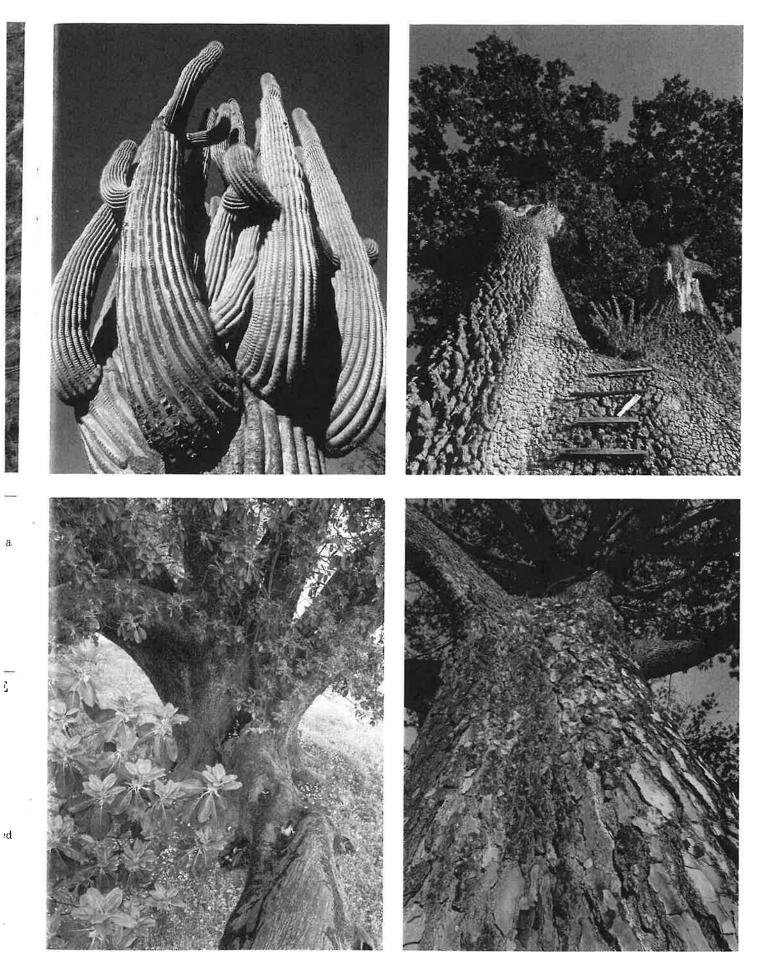
Acorn woodpeckers know how to save for future feasts. They drill holes in trees, like this champion valley oak in Round Valley, California, and use them as a larder for acorns, their preferred food. Similarly, American Forests' Big Tree Program is the larder for future feasts for the eyes and soul, like this mightiest of oaks.

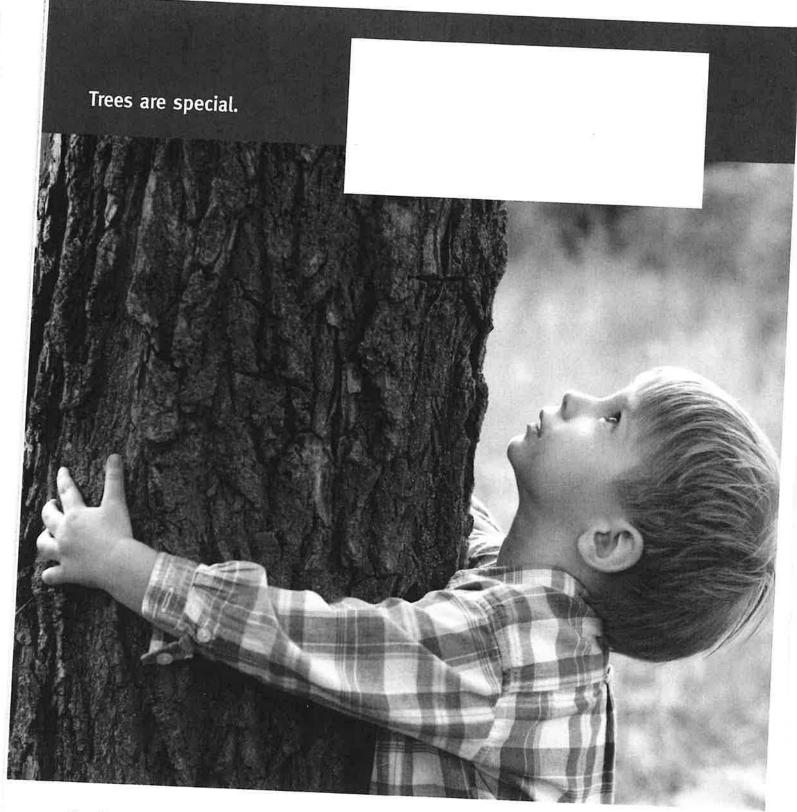
#### **TORREY PINE**

When scientifically discovered in 1850, there were only about 240 torrey pine trees in the world, all growing along a narrow strip of the southern California coast and in one tiny grove on Santa Rosa Island. Although still endangered, they now number several thousand in the wild, and many tens of thousands more have been planted in lawns from San Diego, which surrounds most of the wild population in Torrey Pines State Reserve, to New Zealand.

#### PACIFIC MADRONE

This former champion Pacific madrone grew on an open knoll in Humboldt County, California, and was called the Council Madrone after the many councils between the coastal and interior Indian tribes that took place beneath its protective crown. Purchase in 1975 by the Save the Redwoods League and gifted to the California State Park system, it was sundered by a windstorm in February 2000, yet its remains and root sprouts are protected.





Some because of where they are. Some because of who planted them. Some just because.

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# Working With Trees

FORESTS FOR FISH -24

REPELLING ALIEN PLANTS -34

EVERY TREE TELLS A STORY -30



# **American Forests**

OL 116 NO 4

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In Marin County, CA, homeowners and conservationists struggle with new efforts to save endangered Coho salmon.

— by Sheila Pell

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Groups of 'weed warriors' are fighting the invasive species that threaten our nation's forests. — by Carrie Madren



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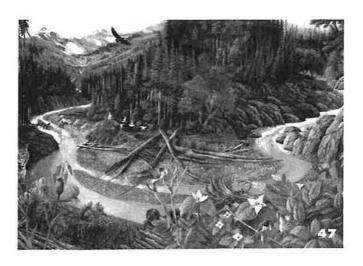
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Urban orchards bring food stability
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Museum Brat Finds Niche In Nature By Michelle Johnson



Cover: The centuries-old Cummer Oak is found on the grounds of the Cummer Museum of Art & Gardens in Jacksonville, Florida, and is featured in the Landslide initiative (see p.30).

Photo By Larry Nightswander







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#### FORUM

YOUR MEMBER-TO-MEMBER COMMUNICATIONS NETWORK



#### SUSTAINABILITY PRACTICES

Dear Editor,

I want to express my appreciation for your fine article about arboreta around the country looking for sustainable techniques, practices and products. Here at The Morton Arboretum just outside Chicago, we feel that testing such green approaches can serve as a model for others who may be interested in assessing and/or incorporating sustainable items and practices. American Forests is adding its considerable voice to the need for all of us to find the most eco-friendly approaches, and once again proving itself to be a voice for the environment in general, and trees in particular. Kudos on yet another distinguished article.

> Gina Tedesco, Public Relations Manager, The Morton Arboretum

#### TREE KNOWLEDGE

American Forests.

I recently received an older copy of Knowing Your Trees, 51 Tree Edition. I was wondering if there is a new edition of this excellent publication available? We recently built a second home in the Northern Rockies, and I would like to learn about the trees there, and which species should be part of the effort to plant more trees. Thank you very much.

Richard E. Carlson, MD Meridian, ID

#### Mr. Carlson,

Unfortunately, Knowing Your Trees has long been out of print. First published in 1937, the book went through 6 revisions, 32 printings, and grew to include 188 tree species when last published in 1984. We considered featuring it as an online resource, but updating the profiles and the 900 photos, maps, and illustrations would be a major project.

For your needs today, we recommend The Sibley Guide to Trees as an excellent reference. We interviewed author-illustrator David Allen Sibley in our Autumn 2009 issue (available online). Also try contacting Colorado native plant societies and local state foresters or extension agents for help developing a planting plan that is right for your property.

Dan Smith Editor & VP

#### PLEAS FOR PRINT

American Forests,

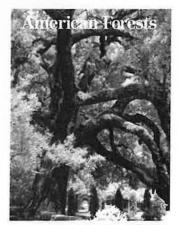
As a lifetime member and ardent big tree enthusiast, who has followed AMERICAN FORESTS' commendable Champion Tree Program, I was distressed to find that the 2010 Register was not being published.

I have Registers going back to 1966, and have searched for champion trees in Montgomery County and Maryland's Eastern Shore, hoping someday to get my name listed as a nominator. This finally happened with my nomination of a national champion cockspur hawthorn. I was so excited to finally find a champion, and to know that my own Montgomery County, MD has four national champions, that I drove downtown to purchase a half-dozen copies, only to learn that it would only be available online. I think this is a terrible mistake and a great disappointment to many people like me, who are fervently interested in our country's big trees.

> Joe Howard Silver Spring, MD

#### American Forests,

I have been a member of American Forests for several years. I am writing now to urge you to issue a printed edition of the 2010-2011 National



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The objective of AMERICAN FORESTS, publisher of American Forests magazine, is to help people plant and care for trees for ecosystem restoration and healthier communities.

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Register of Big Trees. After years of searching, I am happy to say that I nominated the current National Champion California black oak and blue oak. I was so looking forward to having the printed copy of the National Register to show my family and friends.

While the online Register is a great resource, the more tangible copy offers some advantages. For example, I often refer to printed copies of prior National Register to see the changes in champion trees over time, and get a perspective on what "champion size" is for a particular species. These options are not available in the online Register.

I sincerely hope that AMERICAN FORESTS will continue its long tradition of printing the National Register of Big Trees. The Champion Tree program is a terrific one, and I am proud to have contributed to the 2010 list of champions.

Carl Casey Big Tree Hunters, Yosemite Chapter

#### Gentlemen,

Thank you both, and to others we have heard from, for your passion and commitment to big trees, and to the success of the National Big Tree Program. We made the decision to go all digital with the 2010 Register both to save money and increase its availability. The print edition is equivalent in work and cost to producing a fifth magazine issue, and we have been doing it every other year, even with declining revenues.

In addition to adding new features to the website to make it easier for more people to learn about champion trees, we also posted a complete 40-page version of the Register online, which can be downloaded and hole-punched to fit a 3-ring binder. Individual pages and sections can also be printed.

Our goal with the big tree program is to encourage appreciation and protection for these monarchs, to promote conservation, and increase awareness of the importance of trees large and small.

This spring we will present the first annual update of the list in the history of the 70-year program. In the meantime, we are seeking ways to provide the Register in multiple formats.

We welcome continued suggestions for ways to meet your needs, grow this program, and showcase these magnificent trees so that the National Register is current, appealing, and easily accessible for everyone.

> Dan Smith Editor & VP

#### **EDITOR'S NOTE**

As AMERICAN FORESTS prepares to expand our online presence and more, we welcome suggestions from longtime members and first time readers alike. See new CEO Scott Steen's invitation for your involvement on Page 7.

If you are not already connected to us online, begin with our free monthly newsletter, Forestbytes. You can sign up at www.americanforests.org.

Some news you will find online that wasn't available as we went to press includes the results of Lowe's first online community giving campaign, whether we won a 2010 Eddie Award for outstanding feature article (we were a finalist), and a link to a video commemorating the 100th anniversary of one of the most important conservation laws ever; one that we helped pass. The Weeks Act made possible the purchase and restoration of the "lands nobody wanted," including today's Eastern National Forests. Check out these and more in Forestbytes.

Settle in now, and enjoy a great winter read. Then log on and take your connection with American Forests to another level.

Dan Smith Editor & VP

#### SOLUTION TO EVERGREEN TREES CROSSWORD PUZZLE ON PAGE 23

ACROSS: 1. Sugar 3. Evergreen 6. Pyramid 7. Coniferous 8. Photosynthesis,

9. Leader

DOWN: 1. Symbiotic 2. Decomposers 4. Chlorophyll 5. Branches



WORKING TOGETHER
FOR A
HEALTHIER ENVIRONMENT

# 20 Years of International ReLeaf

Decades after the first Global ReLeaf International project, we revisit our partners in Hungary Story & photos by György Pál Gadó

We wanted to emphasize the reconstruction of the Nagymaros alley as a symbol... of Hungary's environmental recovery after the years of communist power.

This sycamore (plane tree) vista, planted by the first Global ReLeaf International project, is on the bank of the Danube River in Nagymaros.

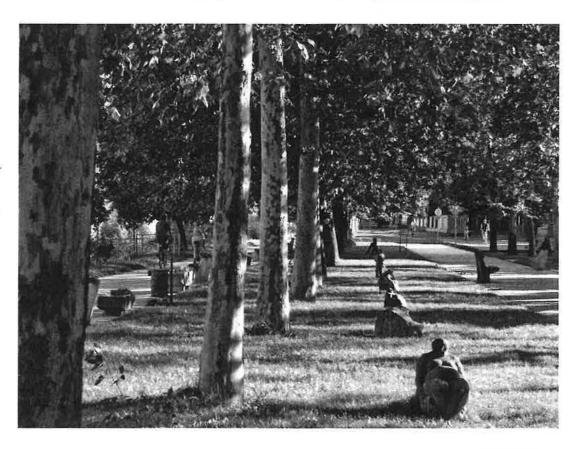
wenty years is a long time-I think to myself as I walk along the beautiful sycamore-lined avenue near the Danube River in Nagymaros, Hungary. The afternoon sun on the bark of the trees brings up memories. The first tree of the Hungarian ReLeaf effort was planted on March 16, 1991, but the preparation began some 20 years ago in the fall of 1990.

At the time, I was on the first board of directors of the Independent Ecological Center (IEC) in Budapest. Judit Vásárhelyi, director of the IEC at the time, proposed the village of Nagymaros on the Danube Bend north of Budapest as the site for the grand launch event of Hungarian ReLeaf. She had been active in the Danube Circle, a group that had

been a catalyst a few years earlier for major public opposition to a large dam-building project proposed for the same site.

With IEC, Vásárhelyi was already very active in building on connections and experience from Western democracies. She knew Hungarian President Árpad Göncz well, and persuaded him to be a part of the symbolic event. The efforts of Hungarian ReLeaf also received great support from the American government.

We in Hungary wanted to emphasize the replanting of a grand alley, or corridor, of trees here in Nagymaros as a symbol of the larger restoration project at the dam site—and ultimately the even bigger project of Hungary's environmental recovery after years of communist power.



#### COMMUNITIES

It took two weekends to complete the work [at Aquincum], but residents were

By the time Göncz and U.S. Ambassador Charles Thomas gathered for the ceremonial tree planting to kick off the project, we had already completed a considerable amount of work. The event was well attended, and its message reached many more people across the country through the press.

The 'we' who had worked so hard was myself; Vásárhelyi; Neil Sampson, executive vice president of AMERICAN FORESTS, who Judit had introduced me to on a trip to the U.S.; and his staff. Coming from behind the 'iron curtain' it had been quite an experience for me to visit American Forests' Washington, DC, headquarters, and to stay at Neil's

Regardless of my fond memories of that first tree, after much searching, I simply can't find it. It appears that, despite all efforts, the very first linden tree did not survive. My discouragement is only brief; there are Hungarian ReLeaf trees thriving all around the country, and I resolve to travel to Budapest the next day to search for them.

#### BUDAPEST

At the end of 1990, I was fortunate to meet András Kézdy, a knowledgeable man fond of trees and in good position to work with the people of his neighbourhood. When I look him up now in 2010, I find that he hasn't changed much in the last 20 years. He is still an active horticulturist in northern Budapest. One of the first recipients of a Hungarian ReLeaf tree planting grant, he explained his plans in detail in the Summer 1991 issue of American Forests magazine. We haven't seen each other for ages, but we talk as if it were only yesterday. He proudly shows off the results of his work.

"It was a huge challenge to plant 200 trees in desert-like conditions," Kézdy says. "But as you can see, it was a success."

The planting site had been in and around a housing estate named Aquincum after the nearby ancient Roman settlement. It remains one of the most popular housing complexes in Budapest because the houses are only four stories tall-a rare thing in this city. The trees have also contributed greatly to the complex's success.

Before the volunteers worked on the site, it had been filled with construction refuse more than onemeter high. The soil had to be uncovered, then changed out in the planting pits themselves. Kézdy had borrowed the spades, and by the time the planting took place, everybody knew how to use them. It took two weekends to complete the work, but residents were patient, knowing that the only way they could have trees was to make it happen themselves.

"We planted many ash trees and Koelreuterias, which can adapt quite well to harsh conditions," Kézdy explains. "I was really happy to see that the volunteers watered their trees quite regularly in the critical first two years."

Twenty years later the trees' survival rate is more than 90 percent—quite an accomplishment in such conditions. Yet Kézdy's face doesn't show much emotion until we come to his favorite tree.

"I planted this Koelreuteria in what used to be an empty space, but I had dreamed of a nice children's playground there. The next year, a boy climbed on the tiny tree and its whole crown was broken. But I cut it away and waited."

With care, the small tree had survived and grown to see the playground built around it.

"I followed the fortune of every single tree," Kézdy says, with a satisfied look.



patient, knowing the only way they could have trees was if they made it happen themselves.

András Kézdy walks through the trees he planted to convert the urban desert of Aquincum into this green oasis.

house. Neil was a man who really believed in the common mission of the participants of Global ReLeaf International. He did not focus on the difficulties, but rather on the opportunities and solutions, with a positive outlook that proved valuable in mobilizing the people of Hungary.

As I walk now through the beautiful sycamores (also known as plane trees), I search for that very first tree we planted. It was a linden tree, I recall. Throughout the program, we emphasized the importance of planting native tree species. President Göncz in particular took the task of ceremonial tree planting very seriously. During the event, he had trampled the soil with such vigor that the photo appeared in a satirical journal with the caption, 'Oops, I have planted my leg'. No one faulted his enthusiasm. Before his time in the communist prisons, (he had been arrested after the Hungarian Revolution of 1956, and released in 1963) Göncz had been an agronomist as well as a student of law; he knew exactly how to plant a tree. Though I would not call him an environmentalist, he was a great supporter of civil society, and under communism there had been precious little space for non-governmental organizations.

WORKING TOGETHER FOR A HEALTHIER ENVIRONMENT

My fellow villagers take care of the trees much better than before our memorable tree planting project in 1991.

#### IT TAKES A VILLAGE

My next stop is southwest Hungary. It is a long trip, but after three-and-a-half hours I spot a familiar man through the train window. His name is Zsolt Darazsi, ornithologist and tree planter, and a prominent personality in his village and throughout Zala county. The county borders Croatia and Slovenia, has the second highest forest cover (30 percent) among the 19 counties of Hungary, and is also well-known for its red deer and thermal waters. With Darazsi as my guide, it takes only a 20 minute drive to find the first houses in the village of Pokaszepetk.

"Look at the colorful sorb trees along the road," says my host. "They were planted in 1991, along with many maples, lindens, and spruce trees. The tree planting grant allowed us to plant several hundred, and it has changed the way the villagers think about trees. It became trendy to plant trees."

We sit down in the Darazsi home, and I learn that the last 20 years have been full of hardship. Zsolt was the village mayor from 1994 to 2002, but in a village of only 1,000 it is not a full-time job. Despite a low budget, the locals hoped to accomplish a lot. Darazsi directed a social organization to create jobs for the poor, mainly gypsies in a bigger village nearby. Though these efforts kept him busy, Darazsi was still an active advocate for environmental efforts. He organized bird protection and education programs, and initiated tree plantings in several different capacities. He is particularly proud of the park that he helped create in 1995, on the site of an abandoned road construction depot.

In 2002, health problems kept Darazsi from running for reelection, preventing him from keeping "green"

efforts a priority for the village in an official capacity. Yet the trees remained important to him, and he keenly felt any loss of trees over the years.

"At one time, several Hungarian ReLeaf trees along the main road were cut to build a sidewalk, which was hard to see," he says. "We also lost three old linden trees close to the church. I blame myself because we didn't declare them legally protected. But for the most part, trees are given greater respect in our community. My fellow villagers take care of the trees much better than before our memorable tree planting project in 1991."

#### **HUNGARIAN CHAMPIONS**

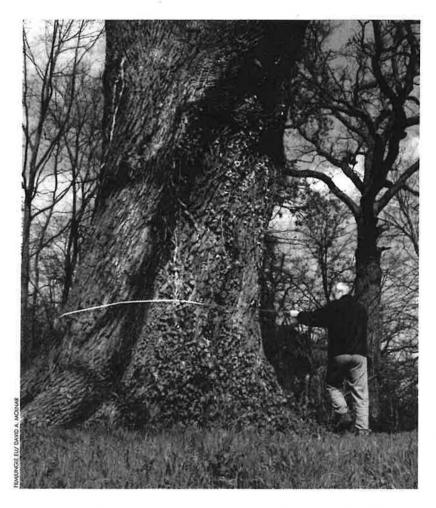
Protection of native forests has long been a point of concern for both AMERICAN FORESTS and myself. In 1994, I left Hungarian ReLeaf for an environmental TV show, but never lost my zeal for trees. With my co-host Dénes Bartha-now a professor at the Faculty of Forestry at the University of West Hungary—I presented the big trees of Hungary to my viewers. In the early 1990s, Professor Bartha compiled the first Hungarian National Register of Big Trees, inspiring people to get involved. It also helped György Posfai launch his project: Dendromania.

In his time as mayor, Zsolt Darazsi worked with Global ReLeaf to create this park (above left) to replace an old construction site, and plant sorb trees (above) along the main road in the village of Pokaszepetk.

#### COMMUNITIES

A new website
enabled a handful
of "dendromaniass"

Posfai is the director of the Biochemistry
Institute in Szeged in southeast Hungary, but he is
no regular scientist. Posfai is a remarkable man,
both scientist and novelist. And while he is not the
kind to attempt persuasion with long speeches, he
has a great deal of influence among the people of
Hungary. Posfai became involved with environmental work on his own, and found fellow tree lovers
only after publishing his book full of excellent photos
of big trees. He worked out his own method to



to organize
weekend outings,
hunting for
new champions.

Professor György Posfai has made the Hungarian hunt for Big Trees into a national movement. measure the big trees of Hungary, and used the most relevant technical equipment to document and register the data.

Posfai did not know of American Forests'
National Register of Big Trees originally, but was very glad to find it and other European registers through the course of his work. Until 2005, Posfai's work was powered mainly by his own enthusiasm, but it later became a national movement. That year, Posfai published his now well-known book *The Biggest Trees Of Hungary: Dendromania*, which lists most trees bigger than six meters in circumference.

When talking about his work with big trees, Posfai refers to the technological advancements of recent years that have made the search for giants less difficult. "Nowadays it is relatively easy to compile a National Register of Big Trees," he says.

"Since modern technologies like GPS, digital cameras, internet, and mobile phones are available."

While recent technology may make the task easier, hunting for big trees in Hungary still has its challenges. Mosquitoes are very active in the floodplain forests, for instance, as are the nettles. But these are small obstacles to those with the passion and enthusiasm for the hunt.

After the positive reaction to his book, Posfai launched a website—www.dendromania.hu—to make information on Hungary's big trees more accessible. This enabled a handful of "dendromaniacs" to organize weekend outings, hunting for new champions. Hundreds of men and women, young and old alike, have emailed Posfai, telling him about the extraordinary trees they have found. Until recently, Posfai visited every new tree personally to check its measurements. Lately, enthusiasm for the big tree hunt produces more candidates than he can handle, forcing him to think about creating a group authorized to check measurements. He insists that while he may appear to be a stickler for detail, it all stems from his passion for trees.

"The strict rules of measurement may reflect the fact that I am a microbiologist accustomed to scientific work," Posfai says. "But like everybody else, I am also enchanted by the trees. My favorites are the oaks, but I am also fond of the Black poplars. We found the biggest trees of Hungary among them. And studying the lists of other countries, I can tell you that we are world leaders in Black poplars."

#### **BUDA HILLS**

I return from the countryside to densely populated Budapest, and a natural area there that I love. With its varied geological values, indigenous plant species, and rich wildlife, Buda Hills is a unique part of Hungary's natural heritage. For more than 2 million inhabitants living in and around Budapest, Buda Hills is a favorite hiking place.

The area is home to a 2-hectare quarry, where in the early 1990s and with the help of 100 tree planters, we first planted two-meter-high ash, linden, and maple trees with surprisingly good results. Another time we planted small turkey oak (Quercus cerris) and pubescent oak (Quercus pubescens) saplings in extremely cold fall weather; the volunteers had to work very hard. When we were not able to complete our planting in the first weekend as we had hoped, we returned the next weekend and finished the job. It proved a great learning experience on how to create a forest.

Revisiting planting sites in Buda Hills, I find that the trees are even more beautiful. A complete forest, composed of ashes and two different maple species, now covers the area. It is a great feeling to see the work that we've accomplished, and I come here regularly to reflect and reenergize.



Climate change is a major issue in Hungary, but the role of tree planting in mitigating its effects is not always recognized.

#### A CHANGING CLIMATE

After I left the Independent Ecological Center, the small organization had no full-time employee for the tree planting project. But thanks to the contributions of the Soros Foundation and the Hungarian Ministry of Environment, the tree planting continued. Neighborhood associations, schools, and environmental groups received grants until 1999. The principles for the projects remained the same as those used by American Forests. Groups had to plant the trees themselves, and take care of them for several years to ensure their survival. Ninety percent of the trees had to be native to Hungary, and each project needed local government approval, as well as the involvement of a forester or horticulturist. These principles worked-and still influence community tree plantings throughout Hungary to this day.

Particularly exciting for me were the reforestation projects in Buda Hills and north of Lake Balaton, where I organized the participants, arranged for the seedlings, and enjoyed the good weather. Certainly, the tree plantings of Hungarian ReLeaf have made a substantial positive impact over the years. The quantity of carbon dioxide sequestrated in the last 20 years alone is significant, and the effect on local communities is even bigger.

Climate change is a major issue in Hungary, but it is not always reflected in governmental policy, and the role of tree planting in mitigating climate change is not always recognized.

In the hot summer of 2006, my wife and I translated Al Gore's book An Inconvenient Truth into Hungarian. The issues Gore addressed were quite

new for the general public. I remember some of Gore's statements regarding climate change were new even for me and my wife at that time.

Since then, environmental awareness has risen greatly in Hungary. In fact, the reality of global climate change is now more widely accepted here even than in the U.S. I credit this partly to Al Gore's book and film, and in recent years to the good work of the Intergovernmental Panel on Climate Change (IPCC). But for many of us, it was also the inspiration, example, and support we received 20 years ago from American Forests' Global ReLeaf program that helped propel our efforts to educate and involve citizens in solutions to our environmental problems.

György Pál Gadó lives in Hungary, and works as a freelance environmental journalist.

György Pál Gadó (above) helped organize the first Global ReLeaf projects in Hungary, including a planting in the Buda Hills (above left).

#### CLIPPINGS

#### NEW PLAN TO REVAMP NATIONAL MALL

A long-range plan to improve and conserve the National Mall was signed in early November by Interior Secretary Ken Salazar and National Park Service Director Jonathan B. Jarvis.



The new plan, which has been a long time coming, is estimated to cost more than \$600 million, including some \$400 million just in deferred maintenance. The plan's purpose is to serve as a general outline for improving some of the most unkempt areas of the Mall.

The plan envisions transformations such as replacing the tattered Sylvan Theater south of the Washington Monument with a multi-purpose facility that would include areas for performances, retail shops, and food service. Ideas to renovate the Grant Memorial, which sits just west of the U.S. Capitol Building, and convert the Reflecting Pool into a water feature as part of a civic square, are also included in the plan.

While no money has been set aside for these renovations, the plan allows for fundraising and detailed designs to begin. Without an official plan, fundraisers were prevented from raising money for these projects.

As part of this restoration plan, other projects include creating a welcome plaza at the Smithsonian Metro station, building a multi-purpose visitor center at the Constitution Gardens lake, and restoring battered grass across the much-used Mall.

Some improvements have already been funded and are underway, including a \$12 million restoration of the Tidal Basin seawall at the Jefferson Memorial, and a \$30 million plan to reconstruct the Lincoln Memorial Reflecting Pool.

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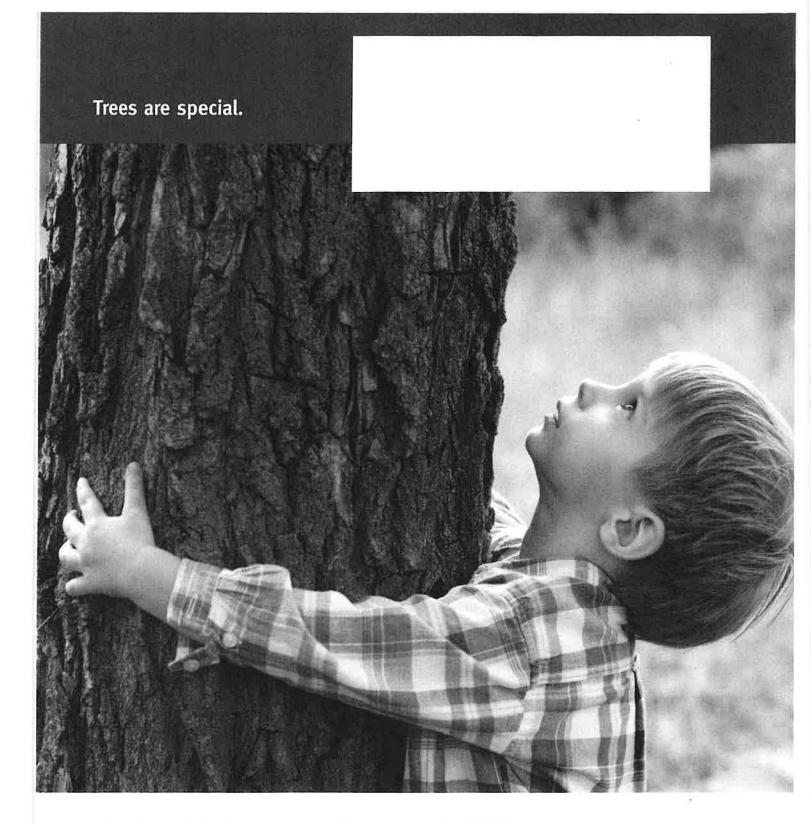
\* Contains 1g of saturated fat per 1.76 oz. (50g) container. Contains 81% DV protein and 30% DV vitamin D per 8 oz. (225g), 10% more of the DV of calcium than leading kids' yogurts. Danonino: 155mg (20% DV) of calcium, Leading Kids' Yogurt: 70mg (8% DV) of calcium per 1.76 oz.

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- Our free monthly e-newsletter, Forestbytes.
- How to connect with us on Facebook, Twitter, and other sites.
- The official National Register of Big Trees.
- How to order your own Historic Trees.
- How to plant a tree in your yard.
- This and past issues of American Forests magazine.
- How to give the gift of trees for holidays and special occasions.





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