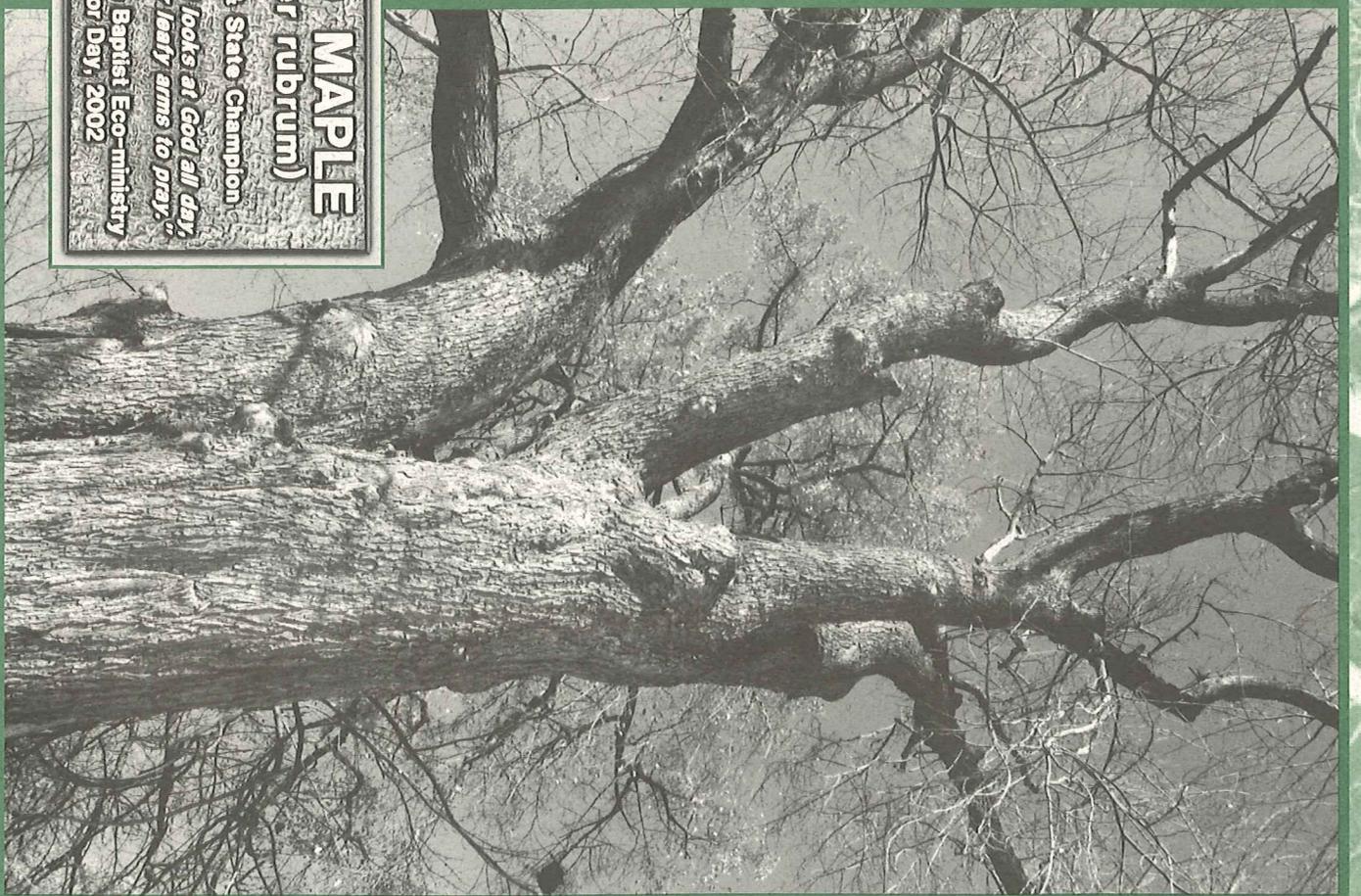


2003 REGISTER OF CHAMPION TREES

Montgomery County, Maryland

RED MAPLE
(*Acer rubrum*)
County & State Champion
*"A tree that looks at God all day,
And lifts her leafy arms to pray,"*
St. John the Baptist Eco-ministry
Arbor Day, 2002



2003 Register of Champion Trees

MONTGOMERY COUNTY, MARYLAND



OFFICE OF THE COUNTY EXECUTIVE
ROCKVILLE, MARYLAND 20850

Douglas M. Duncan
County Executive

April 2003

Dear Friends:

As always, I am honored to introduce the Forestry Conservancy District Board's Register of Champion Trees. I applaud the efforts of all who have nominated big trees for the 2003 contest and in years past. The 2003 Register reflects a cumulative effort spanning 14 years. The Forestry Board's tireless efforts are evidenced by the growing number of champions. This year, the Register presents 25 new county champion trees, including five new species, for a total of 140 different tree species. Thirty-five of our county champion trees are also state champions. This Register continues to call attention to trees and forests, ensuring that they are cared for and appreciated.

Progress towards increasing public awareness of the value of trees and forests continues on many fronts. Last year, the Interagency Forest Conservation Team was formed as a result of the Forest Preservation Strategy. It includes people from many state and local agencies with planning or regulatory interests in trees and forests in Montgomery County. The team's goals include coordinating and streamlining efforts to improve the condition of trees and forests across the county.

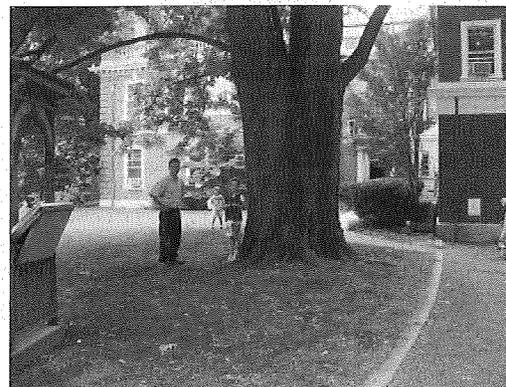
As you go about your daily life, take a good look at the trees you live with, the trees you drive past, the trees you sit under while you're taking a break. They help clean the air we breathe and the water we drink and they keep us cool in the summer and shield us from winter winds. Trees are homes for many creatures, they supply raw materials for so many of our needs, and they add value to our homes. Look for these champions of life throughout Montgomery County.

Sincerely,

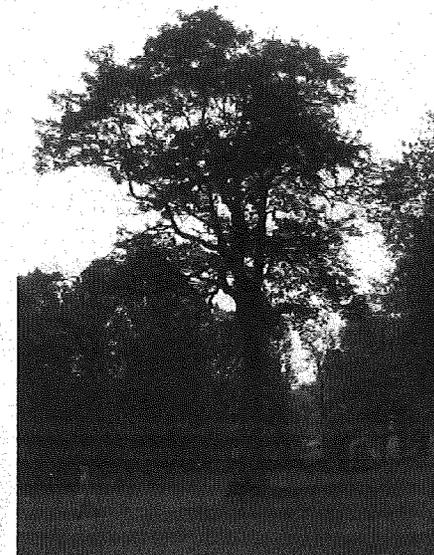
Douglas M. Duncan
County Executive



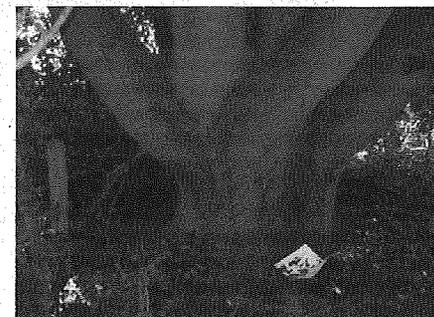
Mockernut hickory



County Champion Basswood, Chevy Chase



A Towering Tree for a Sassafras, Wheaton



State Champion White Ash, Sandy Spring, Maryland. Newly Nominated.



County Champion Catalpa, Darnestown

REGISTER OF CHAMPION TREES

The Montgomery County Forestry Board, in keeping with its mission to increase awareness of the value of forest resource conservation, established and maintains this Register. Started with 42 champion tree species identified in 1990, the Forestry Board has held a bi-annual Big Tree Contest throughout the county in its efforts to identify new species and new champions for already established species. The following is the 2003 largest trees of 140 species identified in Montgomery County, Maryland. The names of the owners and the location of the tree follow each listing. Thirty-five State Champions are noted.

THE BIG TREE LIST

The State of Maryland's "Noted Tree List" was begun in 1925, the first such list in the country. In 1940 the American Forestry Association inaugurated a Big Tree Contest for the entire United States, and Maryland led the country in the number of national champions. Today there are 826 different champion species on the national list, and Maryland has 14 of those. Thirty-five of Montgomery County's champion trees are current Big Tree Champions in the State of Maryland.

MARYLAND AND MONTGOMERY COUNTY'S TREE DIVERSITY

In a word, diversity might best describe Maryland's woody flora. The state is often referred to as "America in Miniature" in part because of its rich diversity of habitat types. Because Maryland's geography is so varied, with its borders running all the way from the Atlantic Ocean to mountain heights of 3360 feet on Backbone Mountain and the expansive Chesapeake Bay in-between, our state has representatives of nearly all tree species found in the eastern United States. Coupled with a favorable geography, Maryland is a region of merging climates, cooler humid continental climate to the west and a humid subtropic climate to the south and eastern shore. Maryland receives a generous amount of generally evenly distributed precipitation throughout the year- on average, about 38 inches annually. The state has anomalous representative trees more typical of central Canada and bayou swamps of Louisiana. Baldcypress, Sweetgum, Tupelo, Larch and Red Cedar represent just a mere sampling of the diversity.

Montgomery County sits in the middle of this diversity, primarily comprised of the Piedmont ("foot of the mountain") physiographic province. The eastern edge of Montgomery County incorporates the Coastal Plain. While to the west the Ridge and Valley zone shadows the county's west. The Potomac River is a great transit way bringing seeds of plants from the Appalachian Plateau. Serpentine shale barrens, riverine habitat associated with the Potomac Gorge, agriculturally rich soils and palustrine wetlands all contribute to Montgomery County's natural tree diversity. Take time to visit such Montgomery County natural treasures as the Hoyles Mill diabase area, the palisades over the Potomac River, the oak/hickory forest of the Northwest Branch Stream Valley, the chestnut oak forest of Blockhouse Point, the red maple, blackgum, sweetbay magnolia bottomland forest of Fairland Regional Park to experience Montgomery County's impressive diversity.

MONEY GROWS ON TREES

Numerous studies have shown that trees and wooded tracts on single-family lots can increase property value by as much as 27%. In addition to a myriad of benefits, trees can be quite an investment. Trees provide year round energy savings. Winter windbreaks can lower heating cost by 10 to 20 percent. Summer shade can lower cooling costs by 15 to 35 percent. Every

tree planted and maintained in our county saves approximately 20 dollars in energy cost per year. Money may indeed grow on trees.

BY THE NUMBERS

Trees Listed for the First Time:

Green Ash
Paperbark Maple
Sweetbay Magnolia
Table Mountain Pine
Blackhaw Viburnum
Boxwood

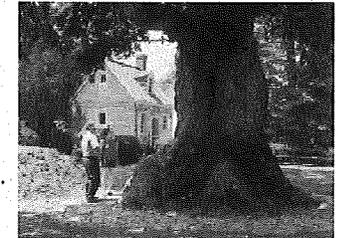
25 Number of New Champions
140 Number of different Species Listed
35 Number of State Champions



Nominated Silver Maple, C & O Canal Lock 26

REMAINING (ORIGINAL) CHAMPIONS FROM THE CLASS OF 1940

The Wye Oak was **one of only four trees** from the inaugural American Forestry Association's National Tree Champions Class of 1940 still on the list at the beginning of the new millennium. Sadly, the great Wye Oak fell during a windy rainstorm on June 6, 2002 at the approximate age of **460 years**.



Requiem for Maryland's Wye Oak

The remaining 3 National Champion Tree from this esteemed Class of 1940 are: Giant sequoia ("General Sherman") Sequoia National Park, CA; Rocky Mountain juniper ("Jardine Juniper") Cache National Forest, UT; Western juniper ("Bennett Juniper") Stanislaus National Forest, CA

FOREST COVER IN MONTGOMERY COUNTY

Pre-Columbian estimates of Forest Cover in Montgomery County exceeded 95 percent. The county's historic low is estimated at about 7 percent circa 1900. The Montgomery County Forestry Board plans to work on projects to increase this percentage in the coming decades to between 30-40 percent. This increase would do more to facilitate water quality benefits, and climate moderation than any other known land use management practice(s).

Percent Forest Cover Change Over Time

7% Forest Cover 1900
45% Forest Cover 1973
32% Forest Cover 1986
28% Forest Cover 1990
25% Forest Cover 2003 (does not take into account reforestation projects)

GIVE A TREE A BREAK TODAY / INVASIVE SPECIES CONTROL

Certain invasive exotic plants can be a menace to the health of trees. You can easily do your part by learning to recognize such problem plants including English ivy, porcelain berry, Japanese honeysuckle, Kudzu, Asian tearthumb and removing these plants from trees when you see them creeping up the trunks. For information on identification check out the following websites: www.invasivespecies.gov or www.mdflora.org

USEFUL TREE RELATED WEBSITES

Montgomery County Forestry Board www.mcforest.sailorsite.net
 Maryland National Capital Park and Planning Commission www.mc-mnccppc.org
 Maryland Cooperative Extension Service UofMD www.agnt.umd.edu/users/hgic
 Maryland Department of Natural Resources www.dnr.state.md.us
 Maryland State Association of Forest Conservancy Districts www.mdforest.sailorsite.net
 Maryland Forests Association www.mdforest.sailorsite.net
 American Forests www.americanforests.org
 Maryland Native Plant Society www.mdflora.org
 National Arbor Day Foundation www.arborday.org

TREES

I think that I shall never see
 A poem lovely as a tree.

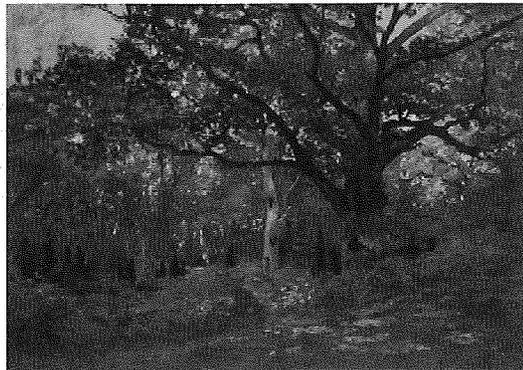
A tree whose hungry mouth is prest
 Against the earth's sweet flowing breast;

A tree that looks at God all day,
 And lifts her leafy arms to pray;

A tree that may in Summer wear
 A nest of robins in her hair;

Upon whose bosom snow has lain;
 Who intimately lives with rain.

Poems are made by fools like me,
 But only God can make a tree.
 Joyce Kilmer

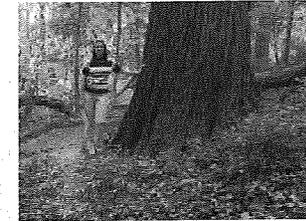


Monet's Bodmer Oak

RECOMMENDED NATIVE GROUND COVER

Green and Gold (*Chrysogonum virginianum*)
 Allegheny spurge (*Pachysandra procumbens*)
 Wild Ginger (*Asarum canadense*)
 Moss Phlox (*Phlox subulata*)
 Wild Stone Crop (*Sedum ternatum*)

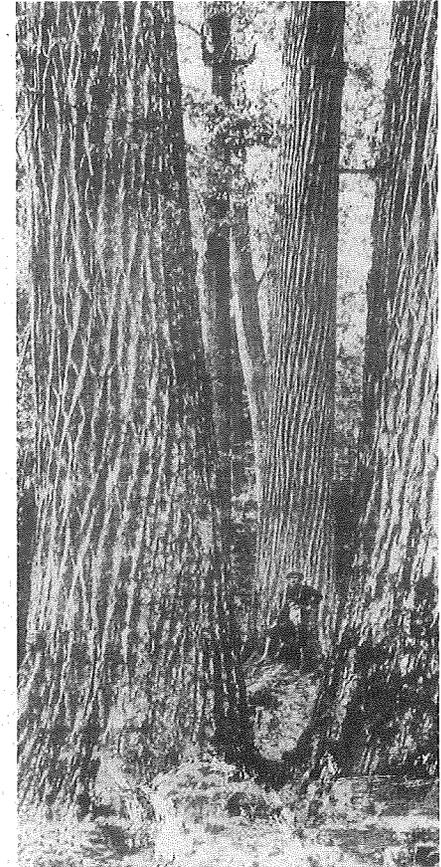
Similar forest associations occupy substrates with similar patterns of water availability. Available water is the most important controlling factor in woody plants distribution in Maryland's Piedmont province (Brush, Lenk, Smith, 1980).



TREE AGE ESTIMATION BASED ON TRUNK DIAMETER

Multiply approximate factor by trees diameter at breast height (DBH) in inches to get approximate age (Arbor Age, R Bruce Allison)

Abies concolor White fir 7.5
Acer platanoides Norway maple 4.5
Acer rubrum Red maple 4.5
Acer saccharinum Silver maple 3
Acer saccharum Sugar maple 5.5
Aesculus hippocastanum Horsechestnut 8
Aesculus octandra Yellow buckeye 5
Betula nigra River birch 3.5
Betula pendula White birch 5
Carya ovata Shagbark hickory 7.5
Fagus grandifolia American beech 6
Fagus sylvatica European beech 4
Fraxinus pennsylvanica Green ash 4
Gymnocladus dioicus Kentucky coffee tree 3
Juglans nigra Black walnut 4.5
Liquidambar styraciflua Sweetgum 4
Liriodendron tulipifera Tuliptree 3
Picea abies Norway spruce 5
Picea pungens glauca Colorado blue spruce
Pinus strobus White pine 5
Pinus sylvestris Scotch pine 3.5
Platanus occidentalis Sycamore 4
Prunus serotina Black cherry 5
Pseudotsuga menziesii Douglas fir 5
Prunus calleryande Bradford Pear 3
Quercus alba White oak 5
Quercus coccinea Scarlet oak 4
Quercus imbricaria Shingle oak 4
Quercus palustris Pin oak 3
Quercus rubra Northern red oak 4
Tilia cordata Little-leaf linden 3
Ulmus americana American elm 4



Ancient American chestnut trees c. 1910 at Joyce Kilmer Memorial Forest, North Carolina, a remnant of an original Appalachian forest wilderness.

LAND OF THE TULIPTREE

Montgomery County's Most Common Native Tree is the tuliptree or yellow poplar (*Liriodendron tulipifera*). In fact this tree forms its own forest association, which is in fact Montgomery County's most prevalent forest association. Common plants associated with tuliptree forest include maples, dogwood, white oak, black gum, Sassafras, black cherry, grape, hickory, and *Viburnums*; (from KEY to MARYLAND FOREST ASSOCIATIONS, Grace S. Brush et al., Ecological Monographs 1980 Ecological Society of America.)

SOFT RESPITE FROM THE HARD EDGE OF URBAN LIFE

Through development planning and parkland acquisition programs, Montgomery County has already achieved more success in forest preservation than most other similar developed jurisdictions. Most significant is the extensive Stream Valley Park System (27,000 acres) established throughout the county by the Maryland National Capital Park and Planning Commission. This system provides an important water quality buffer and invaluable recreational opportunities along hundreds of miles of county streams.

Montgomery County is the only county in Maryland where urbanization has surpassed both agriculture and forest as a percentage of land use.

Of the existing Forested Land In Montgomery County, 64 percent is in private ownership.

The largest intact Maryland Piedmont Forest is the Goldmine Tract adjacent to the Potomac River, in Great Falls, MD in Montgomery County.

Using Tree Cover is a potentially simple, accurate and cost effective indicator of environmental quality. Scientist and planners today have a wide range of high resolution aerial and satellite imagery to assess forest/vegetation conditions and patterns and changes.

AMERICAN FORESTS URBAN TREE CANOPY GOALS

40% tree canopy overall
50% tree canopy in suburban areas
25% tree canopy in urban areas
15% tree canopy in the Central Business District
(American Forests, Mar 1999)

DOES THE REGISTER OF CHAMPION TREES HELP? AN EXAMPLE

A magnificent English elm, which was a sapling during the early years of this country, is the county and state champion of its species. In the year 2000 it was selected by the America the Beautiful Fund and the White House Millennium Council as the Maryland Millennium Landmark Tree. A Citizen's group, the Alliance for the Goshen Elm (AGE), became aware of serious threats to this champion tree's continuing health and even existence and alerted the Maryland National Capital Park and Planning Commission and the county Department of Public Works & Transportation to the plight of this historic and beautiful tree. AGE and these two agencies collaborated closely for two years on protection plans. The tree is now protected for its life-time as part of the Goshen Elm Protection Area. A detailed protection Memorandum of Understanding was signed by the two agencies.

MONTGOMERY COUNTY'S LARGEST TREE.

The largest currently known Montgomery County tree is a tuliptree (*Liriodendron tulipifera*). This tree, part of a recent subdivision in Olney, is close to 300" in circumference at breast height and totals 424 points. Though the mighty base of the tree appears healthy, the champion's canopy is in poor condition. The size of this tree is an indication of its age and seniority. This tree is in the twilight of its many decades.

THE MONTGOMERY COUNTY FORESTRY BOARD MEMBERS: One of 24 Forestry Boards in the State of Maryland

Jim Coleman, President, Boyds
Mark Beals, DNR Project Forester
Jim Benton, Clarksburg
Carole Bergmann, Clarksburg
Jim Harris, Kensington
Dave Honchalk, Monrovia
Joe Howard, Silver Spring
Daniel Landry, Ellicott City

Steve Mader, Olney
Jay McRoberts, Dickerson
Linda Pepe, Barnesville
Dominic Quattrocchi, Silver Spring
Joe Rice, Damascus
Pete Stadler, Laytonsville
Greydon Tolson, Dickerson
Guy Turenne, Olney

SPECIAL THANKS GO TO

- o **Joe Howard**, MCFB, for tireless commitment to the Big Tree Program.
- o **John Parrish** for another banner season of Big Tree Nominations and seasoned taxonomic identification
- o **Dominic Quattrocchi**, M-NCPPC, MCFB, compilation of Registry Database, Booklet Layout, selected photographs and texts
- o **Sam Dixon**, M-NCPPC, Graphic Designer, Booklet Layout
- o **Donna and Jim Will**, Lathrop E. Smith Environmental Education, cover and selected photographs
- o **Catherine Conlon and Sheila Sampson**, Maryland National Capital Park and Planning Commission, technical review, program support.
- o **Linda Pepe** for her enthusiasm and dedication in originating Montgomery County's Big Tree Booklet

VISIT A MONTGOMERY COUNTY BIG TREE

White Oak (*Quercus alba*) The Linden Oak, Route 355 and Beach Drive, Rockville
This tree is estimated to be between 275 and 325 years old. It was a sapling when George Washington was considering cutting down a Cherry Tree.

Silver Maple (*Acer saccharinum*) Lock 26 Tree, Chesapeake and Ohio Canal National Park Service Lock 26, Circumference 252" Height 90' Crown Spread 80'
Impressive tree along the C+O Canal. Scenic Potomac River is adjacent to this peaceful and historic setting.

Directions: Near Mile Marker 40 on the Canal, adjacent to Lock 26. Parking access at Dickerson Conservation Park off of Martinsburg Road. From this point, the silver maple is approximately a one mile walk down river.

Tuliptree (*Liriodendron tulipifera*) Sandy Spring Friends Meeting House, Sandy Spring
Circumference 241" Height 95' Crown Spread 101'

A stately tuliptree in a cemetery, adjacent to historic meetinghouse.
Directions: From MD Route 108 (Olney Sandy Spring Road), go south on Meeting House Road. Meetinghouse and cemetery are on the left.

HOW IS A TREE MEASURED?

Fred Beasley devised the measuring system for Maryland in 1925 that would become standard for the National competition started by the American Forestry Association in 1940. In fact Fred Beasley provided the first official measurement of the recently departed Wye Oak.

To evaluate the relative size of a tree, the circumference of the trunk in inches (at 4.5 feet above the ground) and the height and crown spread in feet are added together to arrive at a number of points for each tree. This number is then used for comparison of tree sizes in each species. The formula is:

Circumference (inches) + height of tree (feet) + 25% of the average crown spread (feet) = Total Points.



YOU CAN NOMINATE A CHAMPION TREE

The Montgomery County Forestry Board solicits and compiles nominations for champion trees from April through October in even numbered years. A professional forester measures the nominated trees, and new championship certificates are awarded in April of odd numbered years as part of the County's annual Arbor Day celebration at the Agricultural History Farm Park. You can nominate a champion tree at any time.

If you think you have discovered a tree larger than the ones noted or a tree species for which there is no champion, the Forestry Board welcomes your nomination. The nominated tree must have a single trunk for at least four and one-half feet above ground level and a total height of at least fifteen feet. Call 301.854.6060 to request a nomination form.

Tree Species: _____
(If exact species is unknown, give common name, or best guess)

Tree Location: _____

Circumference (distance around trunk) at 4.5 feet above ground level:
_____ inches.

Height (feet) _____ Spread (feet) _____

Owner of Tree (if known): _____

Nominator: Name: _____
Address: _____

Phone: _____

Today's Date: _____

Mail this completed form to: Maryland Department of Natural Resources
Forestry Division
17400 Annapolis Rock Road
Woodbine, MD 21797



A Beautiful Shingle Oak (Quercus imbricaria) in Layhill. State Watchlisted Species



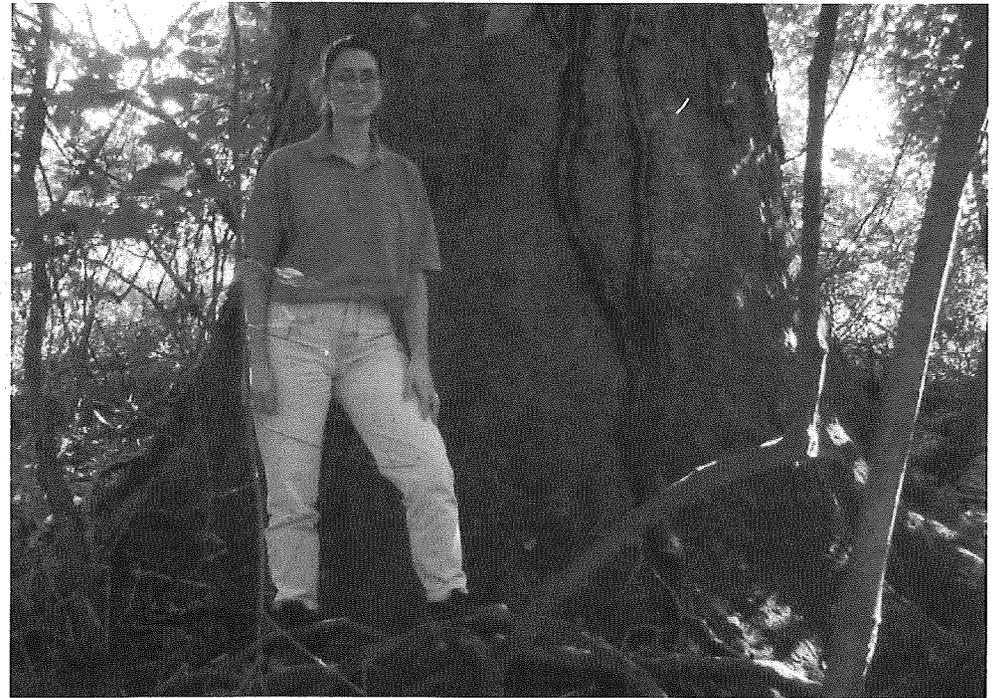
The Trinity Tree, Tulip Tree (Liriodendron tulipifera) Aspen Hill. A whopper of a tree at Breast Height Photo courtesy of Ms. Randa Khouri



Lebanon cedar; Audubon Naturalist Society, Chevy Chase State Champion



Stately Tuliptree in the historic Quaker cemetery, Sandy Spring



Base of the Largest Currently Known Tree in Montgomery County, Olney

CHAMPION AND POTENTIAL CHAMPION TREES, MONTGOMERY COUNTY, MARYLAND
35 STATE CHAMPION TREES IN MONTGOMERY COUNTY

April 2003 (Montgomery County Forestry Board)

Common Name	Genus	Species	Circum. (")	Height (')	Crown (')	Total Pts	Comments	Location	Owner's Name	Nominator's Name
Ailanthus (Tree of Heaven)	Ailanthus	altissima	162	94	74	275	* NCC SC Exotic/Invasive	Silver Spring	Barry Galef	Barry Galef
Alder Red	Alnus	rubra	38	42	31	88	*	Rockville	James Morvay	James M. Morvay
Ash Green	Fraxinus	pennsylvanica	128	108	65	252	* NCC	Rock Creek SVP	MNCPPC	Michael Tolker
Ash White	Fraxinus	americana	216	95	97	335	* SC EA NCC	Sandy Spring, Hodges Estate	William Hodges	Dominic Quattrocchi
Ash White	Fraxinus	americana	213	100	66	330	*	Brookeville, Longwood Estate	Bruce & Lynn Barlett	Bruce Bartlett
Aspen Big Tooth	Populus	grandidentata	48	69	123	148	*	Washington Grove		John Bradfield
Baldcypress	Taxodium	distichum	150	86	29	243	*	Darnestown	Juan Paez	Juan Paez
Beech American	Fagus	grandifolia	177	115	106	319	*	Rockville, Rock Creek SVP	M-NCPPC	Jay Gartenhaus
Beech American	Fagus	grandifolia	186	108	66	311	*	Chevy Chase	Mr. & Mrs. Robert Hanlon	Mr. & Mrs. Robert Hanlon
Beech American	Fagus	grandifolia	138	71	84	230	*	Chevy Chase	Audubon Naturalist Society	Audubon Naturalist Society
Beech Purple	Fagus	sylvatica purpurea	149	67	69	233	* EA	Rockville, Regional Library	Mont. County Public Libraries	Joe Howard
Birch European White	Betula	pendula	46	48	37	103	*	Silver Spring	Richard Allen	
Birch Paper	Betula	papyrifera	71	49	46	132	* SC	Silver Spring	Richard Anderson	
Birch River	Betula	nigra	126	75	70	219	* Former SC	Silver Spring	Joe & Mary Howard	Joe & Mary Howard
Birch Sweet	Betula	lenta	30	47	38	87	*	Washington Grove		John Bradfield
Boxelder	Acer	negundo	168	66	96	258	*	Gaithersburg	M. L. Windsor	
Boxelder	Acer	negundo	139	95	67	251	CoChamp	Rockville, Grandin Park	City of Rockville	Joseph D. Kavanaugh
Boxwood	Buxus	sempervirens	19	20	14	43	* NCC	Olney, Ripley Manor Terrace	Historic Cemetery Plot, HOA	Marco A. Fuster
Buckeye Red	Aesculus	pavia	129	35	42	175	*tag 2341	Bethesda, NIH	National Institute of Health	Lynn Mueller
Buckeye Yellow	Aesculus	octandra	127	92	66	236	*	Silver Spring, Sligo Creek Park	M-NCPPC	Joe Howard
Butternut	Juglans	cinerea	166	62	70	246	* SC	Aspen Hill	Suhail Reyaz	John Parrish
Butternut	Juglans	cinerea	124	71	55	209	*	Darnestown	Darnestown Civic Assn	Bruce Deppa
Casta Aralia	Kalapanax	pictus	22	25	20	52	*	Clarksburg, Black Hill Regional Park	M-NCPPC	Joe Howard
Catalpa Northern	Catalpa	speciosa	217	76	79	313	SC; EA	Darnestown	Darnestown Civic Assn	
Catalpa Southern	Catalpa	bignonioides	202	70	55	286	* NCC	Potomac	J Paul Smith	J Paul Smith
Catalpa Southern	Catalpa	bignonioides	200	60	86	282	CoChamp	Gaithersburg	Thomas A. Kitchens	
Cedar Blue Atlas	Cedrus	atlantica	115	52	76	186	* Former SC	Germantown	Landmark Station Townhomes	
Cedar Deodar	Cedrus	deodara	98	65	56	177	* NCC	Silver Spring	James & Grace Boeringer	James & Grace Boeringer
Cedar Eastern Red	Juniperus	virginiana	107	75	40	192	*	Ashton, Ashton Preserve	Ashton Preserve	Wayne Noll
Cedar Eastern Red	Juniperus	virginiana	95	75	25	176	tag 27	Laytonville MD, Brink Road	Jones Property	Dominic Quattrocchi
Cedar of Lebanon	Cedrus	lebani	125	83	56	222	* SC EA NCC	Chevy Chase	Audubon Naturalist Society	Joe Howard
Cedar of Lebanon	Cedrus	lebani	112	81	39	203	*	Chevy Chase	Outdoor Nursery School	
Cedar Port-orford	Chamaecyparis	lawsoniana	116	64	42	191	* SC	Gaithersburg	Jack Schumacher	
Cherry Black	Prunus	serotina	183	96	70	297	*	Kensington	Patricia & James Selvaggi	Patricia & James Selvaggi
Cherry Yoshino	Prunus	redoensis	154	58	53	225	* SC	Chevy Chase	Robert Simmons	
Cherry Kwazan	Prunus	serrulata 'Kwazan'	178	54	67	249	*	Bethesda	Paul & Anne Colborn	
Cherry Kwazan	Prunus	serrulata	167	44	64	227	*	Chevy Chase	Jay & Peggy Treadwell	Jay & Peggy Treadwell
Cherry Sweet	Prunus	avium	111	66	63	193	*	Bethesda	Jean Parker	
Cherry Weeping	Prunus	subhirtella 'pendula'	109	40	39	159	*	Silver Spring	Brian Pinto	
Chestnut American	Castanea	dentata	31.5	59	28	98	* NCC	Germantown	Barbara Knapp	Douglas Boucher
Chestnut American	Castanea	dentata	27	53	25	86	*	Norwood	Montgomery County	Mark Robinowitz
Chestnut Chinese	Castanea	mollissima	89	61	77	169	*	Gaithersburg	Robert & Jody Ellis	Dan & Eydie Searles
Cottonwood	Populus	deltoides	124	100	80	244	* NCC	Rockville	Kathleen & Lowell Nelson	Kathleen & Lowell Nelson
Cottonwood	Populus	deltoides	124	70	80	214	* NCC	Bethesda, Capital Crescent Trail	MNCPPC	Joe Howard
Cottonwood	Populus	deltoides	138	60	76	217	*	Silver Spring	900 block Wayne Ave	Joe Howard
Cryptomeria	Cryptomeria	japonica	52	54	20	111	* NCC SC	Potomac	Ted & Mary Nelson	Ted & Mary Nelson
Cryptomeria	Cryptomeria	japonica	33	50	21	88	*	Brookeville	Bruce & Lynn Barlett	Bruce and Lynn Barlett
Cypress	Chamaecyparis	paris	120	100	40	230	*	Gaithersburg	Jack Shumacher	Jack Shumacher
Devil's Walking Stick	Aralia	spinosa	14	18	16	36	* Former SC	Rockville	Mrs. William Banfield	Joe Howard
Dogwood Flowering	Cornus	florida	48	25	33	81	*	Silver Spring	Barbara Allen	Barbara Allen
Dogwood Kousa	Cornus	kousa	66	34	37	109	* RC	Potomac	Nancy & Tom Madden	Nancy & Tom Madden
Elm American	Ulmus	americana	198	116	133	347	*	Bethesda	Maynard Eicher	
Elm Chinese	Ulmus	parvifolia	96	77	49	185	*	Bethesda	Society of American Foresters,	Joe Howard
Elm English "Goshen Elm"	Ulmus	procera	232	97	94	353	*SC; EA	Gaithersburg	MCDPWT & MNCPPC,	Steven Zepnick
Elm Scotch	Ulmus	glabra					*SC	Rockville	City of Rockville,	Steve Mader
Elm Siberian	Ulmus	pumila	137	91	82	249	*	Chevy Chase	Bruce A. Russell &	Jean E. Shorett
Fir Douglass	Pseudotsuga	menziesii	134	71	50	218	* SC EA	Gaithersburg	St. Rose of Lima Church	
Fir Grand	Abies	grandis	112	102	48	226	* SC	Olney	Phil & Karen Saba	
Fir Nordmann	Abies	nordmanniana	109	60	58	184	* EA	Derwood, Agricult.	History Farm Park	M-NCPPC
Franklinia	Franklinia	alatomaha	26	27	35	62	* SC	Brookville, Brighton Dam	WSSC	Jim Benton
Fringetree	Chionanthus	virginicus	37	15	17	56	* SC	Silver Spring	Harold Winters	Harold Winters
Ginkgo	Ginkgo	biloba	184	73	62	273	* EA	Poolesville, Historic Steven's House	Nancy I. Fost	Nancy I. Fost
Ginkgo	Ginkgo	biloba	150	82	78	252	*	Ashton	Orris Minar	

Common Name	Genus	Species	Circum. (")	Height (')	Crown (')	Total Pts	Comments	Location	Owner's Name	Nominator's Name
Glorybower Harlequin	Clerodendrum	trichotomum	24	30	28	61	*	Chevy Chase	Frank Broulik	Frank Broulik
Golden Rain Tree	Koelreuteria	paniculata	63	87	48	162	* SC NCC	Kensington	T.J. and Julie O'Malley	T.J. and Julie O'Malley
Golden Rain Tree	Koelreuteria	paniculata	53	46	30	107		Bethesda, NIH	National Institute of Health	Lynn Mueller
Gum Black	Nyssa	sylvatica	179	86	88	287	SC	Sandy Spring	Catherine Farquhar	Helen Farquhar
Gum Black	Nyssa	sylvatica	97	95	59	207		Chevy Chase, Woodend Mansion	Audubon Naturalist Society	Audubon Naturalist Society
Hackberry	Celtis	occidentalis	216	87	83	324	*	Boys	John Windolph	
Hemlock Carolina	Tsuga	caroliniana	42	38	24	86	* tag 4875	Bethesda, NIH	National Institute of Health	Lynn Mueller
Hemlock Eastern	Tsuga	canadensis	129	115	58	259	*	Ashton	Orris Minar	
Hickory Bitternut	Carya	cordiformis	114	148	70	280	*	Northwest Branch Park	M-NCPPC	John Parrish
Hickory Mockernut	Carya	tomentosa	96	120	52	229	NCC *	Silver Spring	Alan Reffkin	Alan Reffkin
Hickory Mockernut	Carya	tomentosa	105	75	43	191		Silver Spring, Weller Road ES	Montgomery Co. Public Schools	John Parrish
Hickory Pignut	Carya	glabra	121	108	52	242	*	Matthew Henson State Park	M-NCCPC	John Parrish
Hickory Shagbark	Carya	ovata	85	105	60	205	* NCC	Blockhouse Point Park	M-NCPPC	John Parrish
Hickory Shagbark	Carya	ovata	118	67	60	200	Cochamp	Chevy Chase	Bill Mills	Bill Mills
Holly American	Ilex	opaca	98	58	40	166	*	Bethesda	FASEB	
Honeylocust	Gleditsia	triacanthos	168	79	76	266	*	Gaithersburg, Great Seneca SVP	M-NCCPC	Susan Nolde
Horsechestnut	Aesculus	hippocastanum	174	98	77	291	*	Dickerson	W. S. Farr Family	W. S. Farr Family
Katsura	Katsura	japonica	140	66	62	222	*	Rockville Cemetery	Rockville Cemetery	Steve Mader
Katsura	Cercidiphyllum	japonicum	48	38	31	94	*	Bethesda	Ted Leinwand & Joan Goldberg	Ted Leinwand & Joan Goldberg
Kentucky Coffeetree	Gymnocladus	dioicus	168	100	60	283	*	Brookeville, Haviland Mill Rd.	Nicholas Weber	Nickolas Weber
Kentucky Coffeetree	Gymnocladus	dioicus	159	77	68	253		Bethesda	FASEB	
Kentucky Coffeetree	Gymnocladus	dioicus	140	92	63	248	EA	Darnestown	Darnestown Civic Association	
Laurel Moutain	Kalmia	latifolia	18	20	20	43	*	Potomac, Rock Run Stream Valley	TPC Avenal	Marco A. Fuster
Linden American	Tilia	americana	166	105	59	286	* EA	Chevy Chase	Audubon Naturalist Society	
Linden European	Tilia	europaea	269	87	70	374	* SC	Silver Spring	Woodland Horse Center	
Linden Little Leaf	Tilia	cordata	252	80	66	349	* SC	Kensington	Alex Apostolou	Alex Apostolou
Linden Silver Pendant	Tilia	petiolaris	172	85	77	276	* SC	Dickerson, Wibur Farm	Steve & Missy Kelly	Linda Pepe
Locust Black	Robinia	pseudoacacia	156	67	69	240	*	Bethesda	Melissa & Wm McGowan	Melissa & Wm McGowan
Locust Black	Robinia	pseudoacacia	140	66	80	226		Potomac	Jim Kawecki	Joe Howard
Magnolia Bigleaf	Magnolia	macrophylla	91	70	57	175	*	Garrett Park	Martha Seigel & Robert LeMar	Martha Seigel
Magnolia Cucumber	Magnolia	acuminata	112	102	44	225	*	Sandy Spring	Catherine Farquhar	Helen Farquhar
Magnolia Cucumber	Magnolia	acuminata	104	106	40	220	Cochamp	Muddy Branch Park	M-NCPPC	John Parrish
Magnolia Kobus	Magnolia	kobus	84	32	37	125	* SC	Silver Spring	Connie Greene	John Parrish
Magnolia Saucer	Magnolia	soulangiana	102	35	48	149	*	Gaithersburg	Jack Schumacher	Jack Schumacher
Magnolia Southern	Magnolia	grandiflora	125	56	35	190	*	Silver Spring	Kathy Williams	Kathy Williams
Magnolia Sweetbay	Magnolia	virginiana	32	36	20	73	* EA NCC	Wheaton, Brookside Gardens	M-NCPPC	Philip Normandy
Maple Japanese	Acer	palmatum	144	17	56	175	* SC NCC	Ashton	Thomas Farquhar	Richard Farquhar
Maple Japanese	Acer	palmatum	89	31	42	131	EA	Chevy Chase	Audubon Naturalist Society	Joe Howard
Maple Norway	Acer	platanoides	160	83	85	264	* Invasive/Exotic	Silver Spring	Robert & Ann Middleton	Robert & Ann Middleton
Maple Paperbark	Acer	griseum	48	46	33	102	* NCC SC EA	Wheaton, Brookside Gardens	M-NCPPC	David Vismara
Maple Red	Acer	rubrum	216	75	97	315	* SC EA	Silver Spring	St. John, Bapt. Catholic Church	Eileen Straughan
Maple Silver	Acer	saccharinum	305	84	103	415	*	Silver Spring	John Henrici	Wilbur Smith
Maple Silver	Acer	saccharinum	246	104	52	363		Kensington	Clum Kennedy Gardens	Town of Kensington
Maple Silver	Acer	saccharinum	253	90	80	363	EA	C+O Canal Lock 26	National Park Service	Dominic Quattrocchi
Maple Sugar	Acer	saccharum	201	74	50	288	*	Brinklow	Phyllis Huffner	
Maple Sugar	Acer	saccharum	143	77	81	240		Potomac	Roberts Glen HOA	
Maple Sycamore	Acer	pseudoplatanus	82	42	39	134	*	Silver Spring	Alan Crane	Alan Crane
Mimosa	Albizia	julibrissin	123	36	71	177	*	Poolesville	Christine Taylor	Catherine Wolfrey
Monkey Puzzle Tree	Araucaria	araucana	37	30	20	72	*	Bethesda	Jonathan & Caren Matzkin	Diane Lewis
Mulberry Paper	Broussonetia	papyrifera	26	32	29	65	* EA	Potomac, Great Falls Park	USNPS	Joe Howard
Mulberry Red	Morus	rubra	46	35	47	93	*	Poolesville	Catherine Wolfrey	Catherine Wolfrey
Mulberry White	Morus	alba	205	58	79	283	*	Silver Spring	Small Nursery Ltd. Partnership	
Musclewood/Hornbeam	Carpinus	carolinia	55	38	45	104	*	Gaithersburg	Natelli Communitis/Lakelands	Dominic Quattrocchi
Oak Black	Quercus	velutina	207	107	72	332	*	North/West Branch Park	M-NCPPC	John Parrish
Oak Black	Quercus	velutina	209	90	75	318		Seneca Creek State Park	Seneca Creek State Park MD	Marco A. Fuster
Oak Blackjack	Quercus	marilandica	83	64	52	160	* EA NCC	Wheaton Veterans Park	M-NCPPC	John Parrish
Oak Blackjack	Quercus	marilandica	71	64	34	144		Gaithersburg, MD	M-NCPPC	John Bradfield
Oak Bur (Overcup)	Quercus	macrocarpa	110	76	38	196		Colesville	State of Maryland	
Oak Chestnut	Quercus	prinus	152	106	69	275	*	Silver Spring	Tanglewood	John Parrish
Oak Chestnut	Quercus	prinus	161	58	59	234		Damascus	Tom Reise	
Oak English	Quercus	robur	105	58	67	180	*EA NCC	Chevy Chase	Audubon Naturalist Society	Joe Howard
Oak Northern Red	Quercus	rubra	186	114	88	322	* NCC	Bethesda	Roger and Debra Levin	Vince Berg
Oak Northern Red	Quercus	rubra	182	104	72	304		Silver Spring	Walter Reed Army Medical	CenterJohn Parrish
Oak Northern Red	Quercus	rubra	182	96	100	303		Takoma Park, MD	Ms Brandy Price	Todd Nelson
Oak Northern Red	Quercus	rubra	147	120	102	293		Chevy Chase, Woodend Mansion	Audubon Naturalist Society	Audubon Naturalist Society

Common Name	Genus	Species	Circum. (")	Height (')	Crown (')	Total Pts	Comments	Location	Owner's Name	Nominator's Name
Oak Northern Red	Quercus	rubra	146	91	80	257		Bethesda	Society of American Foresters	Joe Howard
Oak Oriental Cork	Quercus	variabilis	105	78	39	193	* SC	Chevy Chase	Outdoor Nursery School, Inc	
Oak Pin	Quercus	palustris	159	101	66	277	*	Silver Spring, NW Branch SV Park	M-NCPPC	John Parrish
Oak Pin	Quercus	palustris	138	100	87	260		Silver Spring	Michael Petty	Michael Petty
Oak Pin	Quercus	palustris	144	100	60	259		Bethesda	Allen L. Myers	Allen L. Myers
Oak Post	Quercus	stellata	143	72	94	239	*	Chevy Chase	Village of Chevy Chase	
Oak Post	Quercus	stellata	126	65	84	212		Bethesda	David R. Davies	David R. Davies
Oak Scarlet	Quercus	coccinea	184	88	90	295	*	Bethesda	Gladys Millar	Lore B. Kairys
Oak Shingle	Quercus	imbricaria	157	111	76	287	* NCC SC	Sandy Spring	Henry & Eliz. Hyde	Andrew Vernor, Doug Seivers
Oak Shingle	Quercus	imbricaria	134	82	26	223		Gaithersburg	Bruce Winston, DeSellum Oaks	L. L. C. Clark Wagner
Oak Southern Red	Quercus	falcata	206	95	105	327	* NCC	Potomac	Susan Kryns & Ken Bocam	Jim Harris
Oak Southern Red	Quercus	falcata	176	91	99	292		Boyd's	Mr. & Mrs. R. Wilkinson	Mr. & Mrs. R. Wilkinson
Oak Swamp White	Quercus	bicolor	205	105	85	331	*	Silver Spring, NW Branch SV Park	M-NCPPC	John Parrish
Oak Water	Quercus	nigra	132	80	92	235	* SC NCC	Chevy Chase	Polly Strum	Joe Howard
Oak Water	Quercus	nigra	128	71	78	219		Silver Spring	Cynthia Holmes	
Oak White	Quercus	alba	261	95	108	383	*	Barnesville	Victor & Linda Pepe	Victor & Linda Pepe
Oak White	Quercus	alba	212	118	99	355		Laytonsville	Private Residence	Tara & Kevin O'Leary
Oak White	Quercus	alba	221	103	58	339		Chevy Chase	Mr. & Mrs. Richard Marsh	A. Adelfo
Oak Willow	Quercus	phellos	168	130	103	324	*	Cabin John	Mrs. J. G. Havens	Joel Rosenthal
Oak Willow	Quercus	phellos	111	93	77	223		Wheaton	Walter F. Odenkirchen	Walter F. Odenkirchen
Osage Orange	Maclura	pomifera	149	64	57	227	*	Gaithersburg	Seneca State Creek Park	Joe Howard
Paulownia	Paulownia	tomentosa	162	50	45	223	*	Gaithersburg		Mary Byrnes & Augusta McGowly
Pear Bradford	Pyrus	calleryana	95	56	50	164	*	Potomac	U.S. Postal Service, Bolger Center	
Pecan	Carya	illinoensis	136	83	59	234	*	Chevy Chase	John Wigglesworth	John Wigglesworth
Persimmon	Diospyros	virginiana	60	50	54	124	*	Potomac	Fred & Cathleen Morser	
Pine Austrian	Pinus	nigra	100	50	53	163	*	Silver Spring	Woodland Horse Center	
Pine Loblolly	Pinus	taeda	86	93	36	188	* EA	Chevy Chase	M-NCPPC Meadowbrook	Joe Howard
Pine Loblolly	Pinus	taeda	60	62	35	131		Bethesda	Society of American Foresters	Joe Howard
Pine Pitch	Pinus	rigida	94	77	52	184	* RC	Washington Grove	Verona King	John Bradfield
Pine Ponderosa	Pinus	ponderosa	38	37	25	81	* SC	Germantown	Lucy Alexander	
Pine Red	Pinus	resinosa	75	80	30	163	* SC	Olney	Olney Golf Center	John Parrish
Pine Short leaf	Pinus	echinata	80	96	26	183	* SC NCC	Potomac	Village of Greenbrier Estates	John Parrish
Pine Short leaf	Pinus	echinata	75	83	46	170		Washington Grove	Marc & Peggy Hansen	John Bradfield
Pine Table Mountain	Pinus	pungens	60	84	32	152	* NCC	Blockhouse Point Park	M-NCPPC	John Parrish
Pine Table Mountain	Pinus	pungens	61	83	19	149	CoChamp	North West Branch Park	M-NCPPC	John Parrish
Pine Virginia	Pinus	virginiana	88	79	55	181	*	Germantown	Butler's Orchard	George Butler
Pine White	Pinus	strobus	140	107	51	260	* SC EA	Darnestown	Darnestown Presbyterian Church	Rev. Henry Postel
Pine White	Pinus	strobus	104	100	46	216		Potomac	Susan Dawson	Susan Dawson
Poplar Lombardy	Populus	nigra	54	72	24	132	* SC	Derwood	Devin Battley	Devin Battley
Rain Tree Golden	Koelreuteria	paniculata	63	87	48	162	* SC	Kensington	T.J. & Julie O'Malley	T.J. & Julie O'Malley
Redbud	Cercis	canadensis	38	28	39	76	*	Bethesda	William Flurty	
Redwood Dawn	Metasequoia	glyptostroboides	87	82	28	176	*	Rockville	Virgina Moore	Virginia Moore
Redwood Dawn	Metasequoia	glyptostroboides	78	60	10	141		Bethesda	Jack M. Meyerowitz	Jack M. Meyerowitz
Sassafras	Sassafras	albidum	94	64	40	168	* NCC	Silver Spring	Jeremy and Robyn Charlton	Dominic Quattrocchi
Sassafras	Sassafras	albidum	103	48	29	158		Silver Spring	Aristides Portillo	John Parrish
Sassafras	Sassafras	albidum	74	72	38	156	EA	Bethesda, McCrillis Gardens	MNCPPC	
Serviceberry	Amelanchier	arborea	26	51	23	83		Boyd's, Pleasant Springs Farm	Jim & Peg Coleman	Jim & Peg Coleman
Sourwood	Oxydendrum	arboreum	40	60	32	108	*	Silver Spring	Margaret Madert	John Parrish
Spruce Blue	Picea	pungens	77	48	22	131	*	Damascus	M. E. Friel	
Spruce Norway	Picea	abies	146	69	37	224	*	Sandy Spring, Woodlawn Manor	M-NCPPC	
Spruce Norway	Picea	abies	123	88	23	217		Layhill		John Parrish
Sweetgum	Liquidambar	styraciflua	127	97	77	243	*	Ashton	Orris Minar	
Sweetgum	Liquidambar	styraciflua	133	80	65	229		Gaithersburg	Hugh Webb	Hugh Webb
Sycamore	Platanus	occidentalis	250	123	125	404	*	Dickerson Conservation Park	M-NCPPC	Carole Bergmann
Sycamore	Platanus	occidentalis	242	132	114	403	CoChamp	McKee Beshers WMA	State of Maryland	Andre Magnuson
Sycamore	Platanus	occidentalis	245	100	100	370		Silver Spring, Lexington Drive		Hilda Voigt
Tuliptree/Yellow Poplar	Liriodendron	tulipifera	293	110	82	424	*	Brookeville, Manor Oaks	Manor Oaks Subdivision	Dominic Quattrocchi
Tuliptree/Yellow Poplar	Liriodendron	tulipifera	240	121	101	386	EA	Sandy Spring, Friends Meetinghouse		James Lehman Jr.
Tuliptree/Yellow Poplar	Liriodendron	tulipifera	231	104	98	360		Potomac	Charles and Jeanne Prettyman	Charles and Jeanne Prettyman
Tuliptree/Yellow Poplar	Liriodendron	tulipifera	229	107	75	355		Wheaton	Sam Pastor	Sam Pastor
Viburnum Blackhaw	Viburnum	prunifolium	56	21	28	84	* NCC SC	Silver Spring	Otto Atzert	John Parrish
Walnut Black	Juglans	nigra	212	86	71	316	*	Brookeville	Nicholas Wilson	Vincent & Mary Jo Wilson
Willow Black	Salix	nigra	59	54	61	128	* NCC, tag 2179	Bethesda, NIH	NIH U.S. Government	Lynn Mueller

Common Name	Genus	Species	Circum. (")	Height (')	Crown (')	Total Pts	Comments	Location	Owner's Name	Nominator's Name
Willow Weeping	Salix	babylonica	157	70	52	240	* NCC	Bethesda, NIH	NIH U.S. Government	Joe Howard
Willow Weeping	Salix	babylonica	88	45	57	147	*	Derwood	Devin Battley	Devin Battley
Willow White	Salix	alba	87	62	47	161	*	Quince Orchard		Joe Howard
Yellowwood	Cladrastis	lutea	108	70	55	192	* EA	Sligo Creek Pkwy	M-NCPPC	John Parrish
Yellowwood	Cladrastis	lutea	121	27	44	159		Silver Spring	Patricia Schultz	Joe Howard
Zelkova	Zelkova	serrata	99	54	82	174	*	Bethesda, NIH	NIH U.S. Government	Edward Russell

KEY

SC	State Champion
NCC	New County Champion
EA	Easy Accessibility
RC	Replacement Champion
*	Current County Champion

TEN LARGEST KNOWN TREES IN MONTGOMERY COUNTY:

Common	Genus	Species	Circum. (")	Height (')	Crown	Total	Location
1. Tuliptree/Yellow Poplar	Liriodendron	tulipifera	293	110	82	424	Brookeville, north portion of Manor Oaks subdivision
2. Maple Silver	Acer	saccharinum	305	84	103	415	Silver Spring
3. Sycamore	Platanus	occidentalis	250	123	125	404	Dickerson Conservation Park
4. Sycamore	Platanus	occidentalis	242	132	114	403	McKee Besheers WMA, 100 yds from C&O, upstream from Milepost 24
5. Tuliptree/Yellow Poplar	Liriodendron	tulipifera	240	121	101	387	Sandy Spring, Sandy Spring Friends Meetinghouse Cemetery
6. White Oak	Quercus	alba	261	95	108	383	Barnesville, Flora's Oak
7. Linden European	Tilia	europaea	269	87	70	374	Silver Spring
8. Sycamore	Platanus	occidentalis	225	124	92	372	Brookeville
9. Sycamore	Platanus	occidentalis	245	100	100	370	Silver Spring, NE corner of Lexington Dr Lot
10. Maple Silver (tie)	Acer	saccharinum	246	104	52	363	Kensington
10. Maple Silver (tie)	Acer	saccharinum	253	90	80	362	C+O Canal Lock 26

MIDEST KNOWN TREE IN MONTGOMERY COUNTY:

Maple Silver	Acer	saccharinum	305	84	103	415
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TALLEST KNOWN TREE IN MONTGOMERY COUNTY:

Hickory Bitternut	Carya	cordiformis	114	148	70	280
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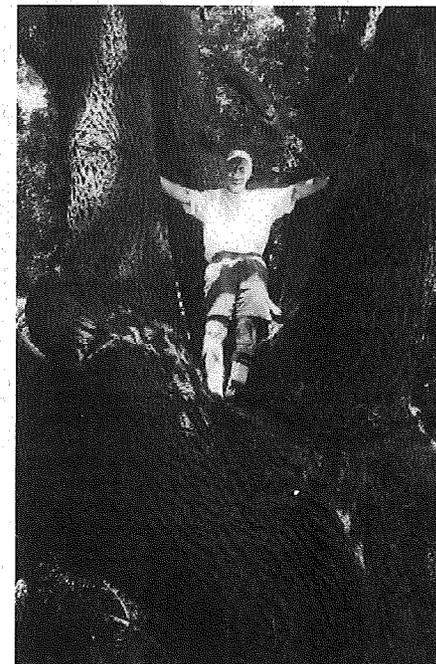
SMALLEST CHAMPION TREE IN MONTGOMERY COUNTY:

Devil's Walking Stick	Aralia	spinosa	14	18	16	36
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COUNTY TREE

(Located at Saint Johns Church) See Front Cover

Maple Red	Acer	rubrum
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White ash, Sandy Spring



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2003 Register of Champion Trees

MONTGOMERY COUNTY, MARYLAND

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