# Register of Champion Trees
## Montgomery County, Maryland

# 2011

OFFICE OF THE COUNTY EXECUTIVE
ROCKVILLE, MARYLAND 20850

Isiah Leggett
*County Executive*

April 2011

Dear Friends,

This year, introducing the ***Register of Champion Trees*** for Montgomery County is a great honor. The United Nations declared 2011 as the International Year of Forests, and the United States Forest Service is celebrating its 100th anniversary. This year's Register includes several new county champions as well as some of the largest trees in Maryland such as the American sycamore, picturesque trees like the black tupelo, and small giants like the umbrella magnolia.

Like the trees themselves, the efforts of our residents who nominate potential champions, the members of the Forestry Board who measure and catalog these trees, and the owners who care for them merit much appreciation. I am grateful to all people involved in fostering stewardship for these Champions, individual trees, and forests everywhere.

In this International Year of the Forests, and in these difficult budget times, we encourage you to look inside this year's Register of Champion Trees for opportunities for you to become involved in the stewardship of our forests and trees. And in this 100th anniversary year of the United States Forest Service, I urge you to take a moment to observe the beauty of the changing trees around you. Arbor Day will bring new growth... Flourishing canopies will cast deep shade to cool us on hot summer days... Autumn leaves will provide a marvelous show of color, as well as a new blanket of nutrients... And the skeletons of dormant trees will create beautiful silhouettes on wintry days.

Enjoy and treasure our forest and tree resources. And enjoy the 2011 Montgomery County Champion Trees.

Sincerely,

Isiah Leggett
County Executive

# 2011 Marks the 100th Anniversary of the US Forest Service

The Forest Service is celebrating the 100th anniversary of one of the most successful land conservation efforts in the U.S. The Weeks Act was signed into law in 1911, after a decade-long debate about the role of the federal government in protecting forestlands. The Weeks Act, named after Massachusetts Congressman John Weeks, allowed the use of federal funding to purchase forest land for conservation. The Weeks Act appropriated $9 million to purchase 6 million acres of land in the eastern United States.

The success of the Weeks Act and its contribution to the conservation of natural resources in the eastern United States has been enormous. During the last 100 years, The Weeks Act led to the creation of 52 national forests in 26 Eastern states and the addition of 19.7 million acres on national forests and grasslands across 41 states and Puerto Rico.

*1911*

*2011*

***Pisgah National Forest***

In addition to the 780,000-acre White Mountain National Forest, such forests as the Green Mountain, Pisgah, Allegheny, George Washington, Ottawa and many others were created, often incorporating cut-over and eroded lands. Today they are valuable forests, providing clean water, wildlife, recreation, forest products and a variety of other goods and services.

*- from The US Forest Service Weeks Act Centennial Web Page*

# THE GREYDON TOLSON AWARD

*In 2007 the Montgomery County Forestry Board established The Greydon Tolson Forest Resource Conservationist Award. This award is designed to recognize individuals or organizations that have made a significant commitment to advancing the science, education, technology, and/or practice of forestry in Montgomery County, Maryland.*

*The Board was proud to present the first Award in April 2007 to Greydon Tolson himself who passed away shortly after receiving this award. Greydon was beloved for his twenty-eight years of service as Montgomery County's first chief of tree services. He served the State Forestry Board Association and helped develop the annual summer camp for high-schoolers to introduce them to careers in natural resource management.*

*In April 2008, the Greydon Tolson Award was presented to Dr. Joseph A. Rice, Jr., county Christmas tree farmer and leader of both the Montgomery County Forestry Board and the State Association of Forestry Boards.*

*The 2009 Greydon Tolson Award was presented to Mr. Joe Howard, founder of the Montgomery County Public Schools' Outdoor Education Program, builder of the Lathrop E. Smith Environmental Education Center, and founder of Montgomery County's Champion Tree Contest, which culminates in the publication of this Register every two years.*

*At the 2010 Arbor Day Celebration at Locust Grove Nature Center, the Greydon Tolson Award was presented to Mr. Walter Money, renowned arborist and founder of Guardian Tree Experts.*

## 2010

Walter Money began his career in the tree business with Bartlett Tree Experts. He began as a tree climber, and was often heard to say that one of the great things about the tree business is, "You start at the top and then work your way down."

In 1961 Walt and a friend started their own tree business which they called Guardian Tree Experts. The venture prospered, and by 1971 they had an office in Rockville, Maryland, and one in Annandale, Virginia. Walt bought out his partner and became president of the company.

Around the same time, Walt became very active in the National Arborists Association (now the Tree Care Industry Association), his involvement continuing to this day. He has served as President, Director, Committee Chair and has attended every annual meeting but one since 1972.

(l-r) Forestry Board presenter Linda Pepe, Tolson Award Winner Walter Money, his wife Mary Lou Money, Forestry Board nominator Joe Howard and his wife Mary Howard in front of the red maple planted in honor of Walt Money at the Locust Grove Nature Center in Bethesda.

In the '70's, Walt was involved in planting the National Christmas Tree on the mall which was donated by the NAA and was featured on local newscasts when it was blown down in February, 2011.

In 1975 Walt and his workers were called in to consult on the condition of the 4½ century old Great Holly on the campus of St. Mary's College (at that time the state champion holly). Then, in 1978 Guardian Tree Experts donated their services to care for the late, great Wye Oak.

For many years, Walt worked with Dr. Dale Dodds of California, the founder of the Mauget Tree Injection System, and Alex Shigo to research tree diseases and decay. He conducted Mauget Tree Injection Seminars in the U. S., Japan and Europe, and assisted in making the slides that were used at the seminars. In 1990 Walt received the Award of Merit from the National Arborists Association.

From a humble beginning, Guardian had grown to become the largest local tree service company in the Washington area. On October 16, 1993, Guardian Tree Experts volunteered their crews and services to help care for the trees at Arlington National Cemetery.

In March of 1999, Walt was invited to attend what was billed as "A Weekend with the Legends of Arboriculture" in Champaign, Illinois and was honored for his accomplishments during a lifetime devoted to arboriculture. Walt had the good sense to hire Greydon Tolson who worked with Walt for 11 years after Greydon retired after 28 years as chief of Montgomery County's Tree Division. (Walt and Greydon were great friends -- Walt's daughter Rebecca named her second child Greydon after Greydon Tolson.)

On January 31, 2000, Walt retired and sold his business to Bartlett Tree Experts Co., but he continues to work with young arborists all over the United States and is always ready and willing to point out what can be done on one's property to keep the trees healthy and strong. He continues to attend all the Tree Care Industry Association meetings.

Congratulations and our community's thanks to Walt Money, winner of the 2010 Greydon Tolson Forest Resource Conservationist Award.

The Greydon Tolson
Forest Resource Conservationist Award
The Montgomery County Forestry Board
Proudly presents this award
With deepest respect and sincere appreciation to

WALTER MONEY

In recognition of your lifelong stewardship
of the tree and forest resources in
Montgomery County,

your founding of Guardian Tree Experts,
which grew to be the largest tree care company
in the Metropolitan area,

and your nationally recognized leadership within
the Tree Care Industry Association
(formerly the National Arborists Association).
April 24, 2010

# BIG TREES

The Montgomery County Forestry Board is proud to present the 2011 Register of Champion Trees, Montgomery County, Maryland. The State of Maryland's "Noted Tree List" was begun by our first state forester, Fred Besley, in 1925—the first such list in the country. Joe Howard and the Montgomery County Forestry Board began Montgomery County's champion tree list in 1989 with 42 champion species, and this year we list the largest identified trees of 165 species. Today there are over 600 different champion species on the national list administered by American Forests, and Montgomery County boasts five of those champions: the national champion cockspur hawthorn, the pawpaw, the blackhaw viburnum, the Kentucky coffeetree and the pondcypress (pictured on the cover of this 2011 Register).

For 2011, the champion tree database has been completely reviewed and updated to bring our champion tree list into full compliance with standards set by American Forests and adhered to by the Maryland Big Tree Program. Since American Forests does not formally recognize trees which are not native or naturalized in the United States, several previously listed state champion trees in Montgomery County are no longer officially state champions. Instead, these impressive trees which are not native or naturalized have been designated as "Notable and Significant" trees so that we can continue to carry them in our database, so they can continue to be recognized and enjoyed by our citizens, and so we can continue to honor their owners and nominators.

# CHAMPION *Trees* 2011

***44 State Champion Trees, 25 Notable and Significant Trees, 5 National Champion Trees in Montgomery County, April 2011***

**Montgomery County, Maryland**

# Keys

**Common Name** – *Genus species* **Native/Invasive**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

**Status**

**National Champion Tree** according to American Forests, which limits champion tree status to native and naturalized species only.

**State Champion Tree** as designated by the Maryland Big Tree Program, which follows the American Forests standard for native and naturalized species.

**Notable and Significant Tree**, possibly the largest known specimen of its species in the state, but which does not meet the American Forests standard of being a native or naturalized species.

**Empty Throne**

**N** Native

**NNI** Non-native Invasive

## Location & Owner Abbreviations

| | |
|---|---|
| C&O Canal | Chesapeake & Ohio Canal |
| FASEB | Federation of American Societies for Experimental Biology |
| LESEEC | Lathrop E. Smith Environmental Education Center |
| MCDOT | Montgomery County Department of Transportation |
| MCFB | Montgomery County Forestry Board |
| M-NCPPC | Maryland National Capital Park and Planning Commission |
| NHP | National Historic Park |
| NIH | National Intitutes of Health |
| WSSC | Washington Suburban Sanitary Commission |

# Key

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

**Alder Red** *Alnus rubra*
38 42 31 **88**
**Rockville** **James Morvay** *James Morvay*

**Apple Southern Crab** *Malus angustifolia* N
53 31 40 **94**
**Barnesville** **Stella's Dream** *Victor Pepe*

**Ash Green** *Fraxinus pennsylvanica* N
128 108 65 **252**
**Chevy Chase** **M-NCPPC** *Michael Toker*

**Ash White** *Fraxinus americana* N
222 98 84 **341**
**Sandy Spring** **M-NCPPC** *Dominic Quattrocchi*

**Aspen Bigtooth** *Populus grandidentata* N
54 80 50 **147**
**Wheaton** **M-NCPPC** *John Parrish*

**Baldcypress** *Taxodium distichum* N
118 89 52 **220**
**Silver Spring** **Tim & Francie Hester** *Joe Howard*

**Basswood American** *Tilia americana* N
185 108 66 **310**
**Chevy Chase** **Audubon Naturalist Soc.** *Audubon Naturalist Soc.*

**Beech American** *Fagus grandifolia* N
201 106 106 **334**
**Clarksburg** **Ruth Garrett** *Ruth Garrett*

**Beech Purple** *Fagus sylvatica 'Atropunicea'*
185 66 84 **272**
**Bethesda** **FASEB** *Joe Howard*

**Birch Gray** *Betula populifolia* N
58 56 10 **124**
**Dickerson** **Don Pleasants** *Joli McCathran*

**Birch Paper** *Betula papyrifera* N
79 55 65 **150**
**Silver Spring** **Audrey Anderson** *Audrey Anderson*

**Birch Paper** *Betula papyrifera* N
83 54 48 **149**
**Silver Spring** **Rhys & Sue Kuklewicz** *Sue Kuklewicz*

**Birch River** *Betula nigra* N
134 78 91 **235**
**Silver Spring** **Joe & Mary Howard** *Joe & Mary Howard*

**Birch Sweet (Black)** *Betula lenta* N
56 76 44 **143**
**Layhill** **M-NCPPC** *John Parrish*

**Boxelder** *Acer negundo* N
141 95 67 **253**
**Rockville** **City of Rockville** *Joseph D. Kavanaugh*

**Boxwood Common** *Buxus sempervirens*
43 16 18 **64**
**Brookeville** **Faith Vredenburg** *John Abernathy*

**Buckeye Red** *Aesculus pavia*
50 42 37 **101**
**Bethesda** **NIH** *Lynn Mueller*

**Buckeye Yellow** *Aesculus flava* N
141 98 62 **255**
**Silver Spring** **M-NCPPC** *Joe Howard*

**Butternut** *Juglans cinerea* N
171 62 55 **247**
**Rockville** **Ruth Reed** *Laura Miller*

**Castor-aralia** *Kalopanax pictus*
22 25 20 **52**
**Clarksburg** **M-NCPPC** *Joe Howard*

**Catalpa Northern** *Catalpa speciosa* N
245 77 85 **343**
**Darnestown** **Darnestown Civic Assn** *Darnestown Civic Assn*

**Catalpa Southern** *Catalpa bignonioides* N
226 70 80 **316**
**Gaithersburg** **Clark & Marie Day** *Clark & Marie Day*

County and State Co-Champion Paper Birch, *Betula papyrifera*, has a brass plaque proclaiming its fame, courtesy of Audrey Anderson, its proud caretaker

Darnestown's County and State Champion Northern Catalpa, *Catalpa speciosa*, (in a small public park on Route 28) flanked by its measurers Joli McCathran and Joe Howard

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

# Key

**Cedar Atlas (Blue)** *Cedrus atlantica*
132 57 84 **210**
**Germantown** **Landmark Station Townhomes** *Landmark Station Townhomes*

Blue Atlas Cedar, *Cedrus atlantica*, centerpiece of the park at Landmark Station Townhomes in Germantown

**Cedar Deodar** *Cedrus deodara*
98 65 56 **177**
**Silver Spring** **James & Grace Boeringer** *James & Grace Boeringer*

**Cedar of Lebanon** *Cedrus libani*
125 83 56 **222**
**Chevy Chase** **Audubon Naturalist Society** *Joe Howard*

**Cedar of Lebanon** *Cedrus libani var stenocoma*
119 90 44 **220**
**Chevy Chase** **Outdoor Nursery School** *Barbara Hutchinson*

**Cherry Black** *Prunus serotina* **N**
144 60 73 **222**
**Cloverly** **M-NCPPC** *Holly Thomas*

**Cherry Kwanzan** *Prunus serrulata Kwanzan*
156 50 68 **223**
**Silver Spring** **Joan Shih Carducci** *Joan Shih Carducci*

**Cherry Weeping** *Prunus subhirtella var pendula*
127 55 65 **198**
**Bethesda** **Don & Mary Cuming** *Don & Mary Cuming*

**Cherry Yoshino** *Prunus yedoensis*
178 54 67 **249**
**Bethesda** **Paul & Anne Colborn** *Paul & Anne Colborn*

**Chestnut American** *Castanea dentata* **N**
32 65 28 **104**
**Germantown** **Barbara Knapp** *Douglas Boucher*

**Chestnut American** *Castanea dentata* **N**
63 35 40 **108**
**Damascus** **Lewis & Janet Haines** *Lewis & Janet Haines*

**Chestnut American** *Castanea dentata* **N**
49 50 33 **107**
**Germantown** **Bethel World Outreach Ministries** *Ron Kuipers*

**Chestnut Chinese** *Castanea mollissima*
132 65 60 **212**
**Germantown** **Montgomery County Fire & Rescue** *Michael Zanisic*

**Chinafir Common** *Cunninghamia lanceolata 'Glauca'*
51 54 30 **113**
**Brookeville** **Anne Brooks** *Anne Brooks*

**Coffeetree Kentucky** *Gymnocladus dioicus* **N**
218 131 72 **367**
**Brookeville** *Joli McCathran*

National Champion Kentucky Coffeetree, *Gymnocladus dioicus*, in Brookeville

**Cottonwood** *Populus deltoides* **N**
153 102 80 **275**
**Potomac** **C&O Canal NHP** *Mary Howard*

**Cryptomeria Japanese** *Cryptomeria japonica*
52 54 20 **111**
**Potomac** **Ted & Mary Nelson** *Ted & Mary Nelson*

**Cypress Leyland** *X Cupressocyparis leylandii*
62 50 16 **116**
**Derwood** **M-NCPPC** *Joe Howard*

**Devils-walkingstick** *Aralia spinosa* **N**
14 18 16 **36**
**Rockville** **Mrs. William Banfield** *Joe Howard*

**Dogwood Flowering** *Cornus florida* **N**
59 36 46 **107**
**Silver Spring** **Barbara Allen** *Barbara Allen*

**Dogwood Kousa** *Cornus kousa*
71 32 40 **113**
**Potomac** **Nancy & Tom Madden** *Meredith Williams*

**Douglas-fir Coast** *Pseudotsuga menziesii*
135 73 53 **221**
**Gaithersburg** **St. Rose of Lima Church** *St. Rose of Lima Church*

# Key

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

**Dove-tree** *Davidia involucrata*
40 38 20 **83**
**Chevy Chase** **Outdoor Nursery School** *Barbara Hutchinson*

**Elm American** *Ulmus americana* **N**
225 115 **120** **370**
**Germantown** **Montgomery College Germantown Campus**
*Stephen Dubik*

New County Champion American Elm, *Ulmus Americana,* in the woods on the campus of Montgomery College, Germantown. MC Germantown students and staff lobbied and demonstrated to save this champion tree.

**Elm Chinese** *Ulmus parvifolia*
105 86 57 **205**
**Bethesda** **Society of American Foresters** *Joe Howard*

**Elm English "Goshen Elm"** *Ulmus procera*
261 103 115 **393**
**Gaithersburg** **MCDOT and M-NCPPC** *Steven Zepnick*

County Co-Champion Nordmann Fir, *Abies nordmanniana,* at MNCPPC's Ag History Farm Park in Derwood

**Elm Siberian** *Ulmus pumila* **NNI**
149 102 79 **271**
**Chevy Chase** **Bruce A. Russell & Jean E. Shorett** *Bruce Russell*

**Elm Smoothleaf** *Ulmus carpinifolia*
217 90 100 **332**
**Rockville** **City of Rockville** *Phil Normandy*

**Falsecypress Japanese** *Chamaecyparis pisifera*
127 74 35 **210**
**Gaithersburg** **Kathryn Schumacher** *Jack Schumacher*

**Fir Nordmann** *Abies nordmanniana*
117 65 53 **195**
**Derwood** **M-NCPPC** *David Plummer*

**Fir Nordmann** *Abies nordmanniana*
101 81 58 **196**
**Olney** **Phil Saba** *Phil Saba*

**Franklin-tree** *Franklinia alatamaha* **N**
26 32 32 **66**
**Brookeville** **WSSC** *Jim Benton*

**Fringetree** *Chionanthus virginicus* **N**

## How Can You Help Keep Our County Forests And Trees Healthy ?

The Maryland-National Capital Park and Planning Commission (M-NCPPC) has placed 34,000 acres in Montgomery County under Park protection, but the future health of our forests is not guaranteed. Numerous factors including urbanization, forest fragmentation, deer overpopulation, non-native invasive plant and insect pests, air-pollution, acid rain, and encroachment will continue to stress and pose serious threats to our forests.

With our current economic challenges, most every tree- and forest-related budget in our County has been significantly cut. Consequently, the proper maintenance of our public forests and trees is in jeopardy. We all owe a debt of gratitude to two committed and visionary career M-NCPPC employees (and their staffs) who have created volunteer opportunities for YOU to help maintain our forests and trees. Great thanks to M-NCPPC Forest Ecologist Carole Bergmann and to Holly Thomas of the MNCPPC Urban Forestry/Arboriculture Section.

***Look for details of their volunteer programs throughout this year's Register of Champion Trees.***

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

# Key

**Fringetree Chinese** *Chionanthus retusus*
48 45 48 **105**
**Chevy Chase** **Outdoor Nursery School** *Barbara Hutchinson*

**Ginkgo** *Ginkgo biloba*
159 86 77 **264**
**Brinklow** **Elizabeth Minar** *Orris Minar*

**Glorybower Harlequin** *Clerodendrum trichotomum*
24 30 28 **61**
**Chevy Chase** **Theodora Broulik** *Frank Broulik*

**Goldenraintree Panicled** *Koelreuteria paniculata*
63 87 48 **162**
**Kensington** **TJ & Julie O'Malley** *TJ & Julie O'Malley*

**Hackberry Common** *Celtis occidentalis* **N**
204 100 80 **324**
**Dickerson** **Don Pleasants** *W.S. Farr Family*

**Hawthorn Cockspur** *Crataegus crus-galli* **N**
26 18 29 **51**
**Rockville** **LESEEC** *Joe Howard*

**Hawthorn Glossy** *Crataegus nitida*
33 30 32 **71**
**Silver Spring** **Falkland Chase Apartments** *John Parrish*

National Champion Cockspur Hawthorn, *Crataegus crus-galli,* at the Lathrop E. Smith Environmental Education Center in Rock Creek Regional Park

**Hemlock Carolina** *Tsuga caroliniana* **N**
48 47 25 **101**
**Bethesda** **NIH** *Lynn Mueller*

## *Weed Warriors Volunteer Program*

One of the greatest threats to the health and longevity of champion trees is the potential for harm caused by non-native invasive plants (NNIs), especially those that are woody vines. Experts consider non-native invasive plants, animals, insects and pathogens to be the second greatest threat to biodiversity after outright habitat destruction. These species were introduced on purpose or accidentally into ecosystems where they did not evolve, and without the natural controls present in their native environments they can spread unchecked.

In 1999, Forestry Board member Carole Bergmann – Forest Ecologist for M-NCPPC and Montgomery Parks – created Weed Warriors, a model and often duplicated program that trains citizens to recognize and remove invasive plants. Even working an hour a week, a Weed Warrior can "cut windows" in a significant number of strangling and suffocating vines, reducing seed source and relieving trees of unsupportable weight as the upper portions of vines lose moisture and die.

Carole and her staff at Montgomery Parks have trained more than 750 Weed Warriors since program inception and these volunteers have devoted more than 30,000 hours to invasive removal—the equivalent of 15 staff years' worth of full-time park employee labor. And at this time, when tight budgets are stretching the resources of public agencies to the limit, volunteers like Weed Warriors are more important than ever for the health of champion trees and those that might grow up to be champions.

For more information check out these websites:

- *www.weedwarrior.org*
- *www.mdflora.org*
- *www.nps.gov/plants/alien*
- *www.mdinvasives.org*
- *www.bugwood.org*

For more information or to apply to become a Weed Warrior, contact Carole Bergmann at *Carole.Bergmann@montgomeryparks.org* or 301-962-1348.

# Key

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

**Hemlock Eastern** *Tsuga canadensis* **N**
170 79 65 **265**
**Bethesda** **FASEB** *Lou Small*

**Hickory Bitternut** *Carya cordiformis* **N**
117 148 74 **283**
**Silver Spring** **M-NCPPC** *John Parrish*

**Hickory Common Shagbark** *Carya ovata* **N**
120 100 79 **240**
**Chevy Chase** **Lucille Foster** *Bill Mills*

**Hickory Mockernut** *Carya tomentosa* **N**
105 75 43 **191**
**Silver Spring** **Weller Road Elementary School** *John Parrish*

**Hickory Pignut** *Carya glabra* **N**
114 132 76 **265**
**Kensington** **M-NCPPC** *Pierre Gagne*

**Holly American** *Ilex opaca* **N**
103 56 50 **172**
**Bethesda** **FASEB** *Guy Fogle*

**Honeylocust** *Gleditsia triacanthos* **N**
175 96 72 **289**
**Gaithersburg** **M-NCPPC** *Susan Nolde*

**Hornbeam (Musclewood)** *Carpinus carolinia* **N**
88 38 51 **139**
**Rockville** **Samuel Mazzuca** *John Parrish*

**Horsechestnut Common** *Aesculus hippocastanum* **N**
157 75 51 **245**
**Brookeville** **Lynn & Bruce Bartlett** *Lynn & Bruce Bartlett*

**Katsuratree** *Cercidiphyllum japonicum*
77 49 40 **136**
**Bethesda** **Ted Leinwand & Joan Goldberg** *Ted Leinwand & Joan Goldberg*

**Linden European** *Tilia x europaea*
288 112 81 **420**
**Silver Spring** **Woodland Horse Center** *Woodland Horse Center*

**Linden Littleleaf** *Tilia cordata*
185 98 75 **302**
**Sandy Spring** **M-NCPPC** *Holly Thomas*

**Locust Black** *Robinia pseudoacacia*
182 80 52 **275**
**Burtonsville** **Lucille Foster** *Joe Howard*

**Magnolia Cucumbertree** *Magnolia acuminata* **N**
137 91 52 **241**
**Sandy Spring** **Catherine Farquhar** *Helen Farquhar*

**Magnolia Kobus** *Magnolia kobus*
133 41 76 **193**
**Kensington** **Irene Edwards** *Janet Fernandez*

**Magnolia Saucer** *Magnolia soulangiana*
113 28 52 **154**
**Boyds** **Tom & Lois Donlin** *Victor Pepe*

**Magnolia Southern** *Magnolia grandiflora* **N**
132 64 50 **209**
**Silver Spring** **Kathy Williams** *Kathy Williams*

**Magnolia Star** *Magnolia stellata*
58 22 28 **87**
**Silver Spring** **Eric Schupp** *Mary Howard*

**Magnolia Sweetbay** *Magnolia virginiana* **N**
32 36 20 **73**
**Wheaton** **M-NCPPC** *Phil Normandy*

**Magnolia Umbrella** *Magnolia tripetala* **N**
13 33 16 **50**
**Silver Spring** **M-NCPPC** *Laura Mol*

**Maple Japanese** *Acer palmatum*
102 37 10 **149**
**Silver Spring** **Esther T. Gifford** *Trees for the Future*

**Maple Nikko** *Acer maximowiczianum*
106 94 66 **217**
**Chevy Chase** **Outdoor Nursery School** *Barbara Hutchinson*

**Maple Norway** *Acer platanoides* **NNI**
130 66 37 **233**
**Silver Spring** **David Deppner** *Francis Deppner*

Kobus Magnolia, *Magnolia kobus,* in Kensington in glorious full bloom. See more detail of the structure of this tree in the photo on page 15.

The United Nations General Assembly declared 2011 as the International Year of Forests to raise awareness of sustainable management, conservation and sustainable development of all types of forests. To learn more about the UN program and how the Maryland DNR and Forestry for the Bay are celebrating the International Year of Forests, check out *www.un.org/forests, http://www.dnr.state.md.us/forests/uniy2011.asp,* and *http://www.forestryforthebay.org/IYOF/.*

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

# Key

**Maple Paperbark** *Acer griseum*
48 46 33 **102**
**Wheaton** **M-NCPPC** *David Vismara*

**Maple Red** *Acer rubrum* **N**
221 77 95 **322**
**Silver Spring** **St. John the Baptist Catholic Church** *Eileen Straughan*

**Maple Silver** *Acer saccharinum* **N**
248 102 82 **370**
**Chevy Chase** **William Kutzke** *William Kutzke*

**Maple Sugar** *Acer saccharum* **N**
208 74 53 **295**
**Brinklow** **Phyllis Huffner** *Phyllis Huffner*

**Maple Sycamore** *Acer pseudoplatanus*
88 48 39 **146**
**Silver Spring** **Alan Crane** *Alan Crane*

**Mimosa** *Albizia julibrissin* **NNI**
39 50 37 **98**
**Brookeville** **Faith Vredenburg** *John Abernathy*

**Monkey Puzzle** *Araucaria araucana*
37 30 20 **72**
**Bethesda** **Jonathan & Caren Matzkin** *Diane Lewis*

**Mountainash European** *Sorbus aucuparia*
42 42 30 **92**
**Rockville** **Ursula Sabra Sukinik** *Ursula Sabra Sukinik*

**Mulberry Red** *Morus rubra* **N**
?

**Oak Bartram's** *Quercus x heterophylla* **N**
135 75 81 **230**
**Beallsville** **David Harrell** *Vince Berg*

New County Co-Champion Chestnut Oak, *Quercus prinus,* in Boyds

## *Forest Steward Volunteer Program*

MNCPPC Parks has initiated a new volunteer opportunity for county citizens.

As a natural extension to the Weed Warriors Program, Carole Bergmann is launching a Forest Steward Volunteer Program as well. The mission of the Forest Stewardship Volunteer Program is to enable the trained citizen volunteer to help improve the current condition of our forests and enhance the future ecological and social benefits of our Park forests. Any volunteer who has received the Weed Warriors training will be eligible to become a Forest Steward.

Forest Steward volunteers will have the opportunity to be responsible for establishing baseline data, monitoring conditions and coordinating maintenance efforts in entire target sites. These sites will include reforestation/ restoration plots, non-native invasive removal/restoration sites, and deer-exclosure plots that have been erected around areas of rare/threatened/endangered species, around areas of high quality natural habitat, and around communities of naturally regenerating woods.

For more information or to apply to become a Forest Steward, contact Carole Bergmann at *Carole.Bergmann@montgomeryparks.org* or 301-962-1348.

**Oak Black** *Quercus velutina* **N**
243 87 98 **354**
**Gaithersburg** **Seneca Creek State Park** *Marco Fuster*

**Oak Blackjack** *Quercus marilandica* **N**
74 74 54 **162**
**Washington Grove** **Town of Washington Grove** *John Bradfield*

**Oak Chestnut** *Quercus prinus* **N**
152 106 69 **275**
**Silver Spring** **Tanglewood** *John Parrish*

**Oak Chestnut** *Quercus prinus* **N**
161 92 20 **273**
**Boyds** **Jay & Anne Cinque** *Vince Berg*

# Key

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

**Oak Chinkapin** *Quercus muehlenbergii* N
185 96 85 **302**
**Carderock** **C&O Canal NHP** *John Parrish*

**Oak English** *Quercus robur*
105 58 67 **180**
**Chevy Chase** **Audubon Naturalist Society** *Joe Howard*

**Oak Northern Red** *Quercus rubra* N
232 132 104 **390**
**Silver Spring** **Jeff & Jill Martinez** *John Parrish*

**Oak Oriental (Cork)** *Quercus variabillis*
111 108 97 **244**
**Chevy Chase** **Outdoor Nursery School** *Barbara Hutchinson*

**Oak Overcup** *Quercus lyatra* N
?

**Oak Pin** *Quercus palustris* N
166 111 94 **300**
**Silver Spring** **Michael & Valerie Petty** *Micheal & Valerie Petty*

**Oak Pin** *Quercus palustris* N
130 149 89 **301**
**North Potomac** **Dufief HOA** *Vince Berg*

**Oak Post** *Quercus stellata* N
151 97 109 **275**
**Chevy Chase** **Village of Chevy Chase** *Village of Chevy Chase*

**Oak Sawtooth** *Quercus acutissima*
107 85 83 **213**
**Silver Spring** **M-NCPPC** *Dick Zimmerman*

**Oak Scarlet** *Quercus coccinea* N
194 105 91 **322**
**Bethesda** **Neil & Deborah Fantom** *Lore B. Kairys*

Varieties of leaves possible on the champion Southern Red Oak, *Quercus falcata,* in Silver Spring

**Oak Shingle** *Quercus imbricaria* N
165 96 74 **280** H
**Sandy Spring** **Alfred & Judith Ercolani** *Andrew Vernor & Doug Seivers*

**Oak Shumard** *Quercus shumardii* N
242 129 123 **402**
**Glen Echo** **C&O Canal NHP** *Lou Aronica*

**Oak Southern Red** *Quercus falcata* N
208 91 89 **321**
**Silver Spring** **Dean Rogers** *Dean Rogers*

**Oak Swamp Chestnut** *Quercus michauxii* N
100 93 52 **206**
**Potomac** **M-NCPPC** *John Parrish*

**Oak Swamp Chestnut** *Quercus michauxii* N
106 87 64 **209**
**Potomac** **C&O Canal NHP** *John Parrish*

**Oak Swamp White** *Quercus bicolor* N
212 101 77 **332**
**Silver Spring** **M-NCPPC** *John Parrish*

**Oak Water** *Quercus nigra* N
152 85 96 **261**
**Silver Spring** **Eric & Joyce Harrison** *Eric & Joyce Harrison*

**Oak White "Linden Oak"** *Quercus alba* N
240 107 124 **378**
**North Bethesda** **M-NCPPC** *MCFB*

The "Linden Oak", County Champion White Oak, *Quercus alba,* in Rock Creek Park at Beach Drive and Route 355 in North Bethesda (watch for it from the Metro Red Line!)

**Oak Willow** *Quercus phellos* N
216 94 115 **339**
**Silver Spring** **Kelly Traw** *Pure Energy Real Estate Team*

**Osage-orange** *Maclura pomifera* N
153 68 47 **233**
**Gaithersburg** **Seneca Creek State Park** *Joe Howard*

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

# Key

**Osage-orange** *Maclura pomifera* **N**
157 60 56 **231**
**Wheaton** **M-NCPPC** *Paul Carlson*

**Pagodatree Japanese** *Sophora japonica*
79 52 49 **143**
**Silver Spring** **Leisure World** *Joe Howard*

**Paper-mulberry** *Broussonetia papyrifera*
26 32 29 **65**
**Potomac** **C&O Canal NHP** *Joe Howard*

**Parrotia Persian** *Parrotia persica*
32 45 26 **84**
**Brookeville** **Anne Brooks** *Anne Brooks*

**Paulownia** *Paulownia tomentosa* **NNI**
164 74 73 **256**
**Gaithersburg** **Summit Hill Farm Park** *Frances Kellerman*

**Pawpaw Common** *Asimina triloba* **N**
26 57 19 **88**
**Carderock** **C&O Canal NHP** *John Parrish*

**Pear Bradford** *Callery Pyrus calleryana* **NNI**
111 61 64 **188**
**Potomac** **Bolger Center** *Bolger Center*

**Pecan** *Carya illinoinensis* **N**
151 104 85 **276**
**Chevy Chase** **Stephen Mathias** *John Wigglesworth*

**Persimmon Common** *Diospyros virginiana* **N**
54 77 32 **139**
**Brinklow** **Elizabeth Minar** *Orris Minar*

**Pine Eastern White** *Pinus strobus* **N**
155 101 69 **273**
**Olney** **M-NCPPC** *Mike Little*

**Pine Himalayan** *Pinus wallichiana*
89 71 48 **182**
**Wheaton** **M-NCPPC** *Phil Normandy*

**Pine Loblolly** *Pinus taeda* **N**
100 74 64 **190**
**Silver Spring** **M-NCPPC** *Friends of Sligo Creek*

**Pine Longleaf** *Pinus palustris*
31 35 18 **71**
**Silver Spring** **Becky Charles** *Joe Howard*

**Pine Pitch** *Pinus rigida* **N**
96 77 50 **186**
**Washington Grove** **Town of Washington Grove** *John Bradfield*

**Pine Ponderosa** *Pinus ponderosa*
51 57 32 **116**
**Germantown** **Lucy Alexander** *Lucy Alexander*

**Pine Red** *Pinus resinosa* **N**
93 57 36 **159**
**Derwood** **Paul Posey & Carol Kosary** *Doug Sievers*

**Pine Red** *Pinus resinosa* **N**
75 81 30 **164**
**Olney** **Westland Golf Course** *John Parrish*

**Pine Shortleaf** *Pinus echinata* **N**
78 87 44 **176**
**Washington Grove** **Town of Washington Grove** *John Bradfield*

**Pine Shortleaf** *Pinus echinata* **N**
82 91 29 **180**
**Potomac** **Village of Greenbriar Preserve Estates** *John Parrish*

**Pine Table Mountain** *Pinus pungens* **N**
60 84 32 **152**
**Darnestown** **M-NCPPC** *John Parrish*

**Pine Table Mountain** *Pinus pungens* **N**
52 89 34 **150**
**Darnestown** **M-NCPPC** *John Parrish*

**Pine Virginia** *Pinus virginiana* **N**
60 75 35 **144**
**Silver Spring** **Leisure World** *Joe Howard*

**Pondcypress** *Taxodium ascendens*
156 103 31 **267**
**Darnestown** **Gregory & Barbara Linteris** *Juan Paez*

**Poplar Lombardy Black** *Populus nigra 'Italica'*
81 82 20 **168**
**Silver Spring** **Michael & Kathleen Johns** *Gary Guenther*

**Poplar White** *Populus alba* **N**

Maryland Big Tree Coordinator John Bennett, Maryland Big Tree photographer Dori Murphy (waving from the back), Montgomery County Big Tree Contest founder Joe Howard, and Montgomery County Tree Measurer and Database Coordinator, Joli McCathran on their way to measure the champion American Elm at Montgomery College, Germantown (See photo of this new champ on page 7)

# Key

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

**Redbud** *Cercis canadensis* **N**
105 33 45 **149**
**Chevy Chase** **Michael & Jane Houlihan** *Jim Harris*

**Redbud** *Cercis canadensis* **N**
110 35 33 **153**
**Rockville** **State Highway Administration** *Marco Fuster*

**Redcedar Eastern** *Juniperus virginiana* **N**
152 73 36 **234**
**Rockville** **Victor Palmeiro** *John Parrish*

**Redwood Dawn** *Metasequoia glyptostroboides*
215 95 44 **354**
**Rockville** **Gerard Boquel** *Jim Harris*

**Russian-olive** *Elaeagnus angustifolia* **NNI**
55 39 24 **100**
**Wheaton** **M-NCPPC** *Danae Fails*

**Sassafras** *Sassafras albidum* **N**
132 71 41 **213**
**Silver Spring** **Kim Apperson & Lisa Ross** *Joe Howard*

**Serviceberry Downy** *Amelanchier arborea* **N**
28 49 22 **88**
**Barnesville** **Jim & Peg Coleman** *Jim & Peg Coleman*

**Silverbell Carolina** *Halesia carolinia* **N**
89 76 57 **179**
**Silver Spring** **Nancy Shapiro** *Richard C. Murray*

**Snowbell Japanese** *Styrax japonicus*
48 33 29 **90**
**Brookeville** **Anne Brooks** *Anne Brooks*

**Sourwood** *Oxydendrum arboreum* **N**
44 58 30 **109**
**Silver Spring** **Margaret Madert** *Margaret Madert*

**Spruce Blue** *Picea pungens* **N**
103 50 17 **157**
**Silver Spring** **Angela Panza** *Angela Panza*

**Spruce Norway** *Picea abies*
148 100 59 **263**
**Brookeville** **Faith Vredenburg** *Donna Will*

**Spruce Oriental** *Picea orientalis*
60 78 18 **143**
**Takoma Park** **Michael & Midori Morgan-Gaide** *John Parrish*

**Stewartia Japanese** *Stewartia pseudocamellia*
24 34 17 **63**
**Brookeville** **Anne Brooks** *Anne Brooks*

**Sugarberry** *Celtis laevigata* **N**
93 82 55 **189**
**Kensington** **Cedarbrook Swim & Tennis Club** *Pierre Gagne*

**Sumac Staghorn** *Rhus typhina* **N**
24 20 19 **49**
**Germantown** **Montgomery College** *MCFB*

**Sumac Staghorn** *Rhus typhina* **N**
27 22 19 **54**
**Germantown** **Montgomery College** *MCFB*

**Sweetgum** *Liquidambar styraciflua* **N**
129 110 83 **260**
**Brinklow** **Elizabeth Minar** *Orris Minar*

**Sycamore American** *Platanus occidentalis* **N**
254 143 113 **425**
**Poolesville** **McKee-Beshers Wildlife Management Area**
*Andre Magnuson*

## *Historic, Significant and Champion ("HSC") Tree Steward Program*

M-NCPPC, Urban Forestry/Arboriculture Section maintains and cares for Historic, Significant, and Champion trees (HSC) in Montgomery Parks. Our Arborists' goals are to advocate support and provide care for trees deemed to be historic, significant or champion. This program has made it possible for volunteers to support our specially trained staff employees to care for some of the Park's most interesting trees. HSC Tree Stewards can use their talents, skills and interests to help M-NCPPC Arborists and staff promote the longevity and invaluable benefits of trees for future generations of Montgomery County Park visitors and the world.

Volunteer opportunities include but are not limited to the following: maintaining mulch beds around trees, weed removal, pruning, routine health inspections, mapping of tree locations, measuring trees, inventorying of trees, historical research, data entry and public outreach and education.

The minimum age for a HSC Tree Steward is 18 although group projects are available for younger individuals accompanied by an adult supervisor.

For more information or to apply to become a tree steward, please email or call Jeanne Kavinski, M-NCPPC Urban Forester at *jeanne.kavinski@montgomeryparks.org* or 301-650-2634

**Common Name** – *Genus species* **N/NNI**
Circumference (") Height (') Spread (') **Total Score** **Status**
**Location** **Owner's Name** *Nominator's Name*

# Key

**Tamarack** *Larix laricina* **N**
18 34 15 **56**
**Rockville** **LESEEC** *Laurie Jenkins*

**Tree-of-Heaven** *Ailanthus altissima* **NNI**
170 90 67 **277**
**Silver Spring** **Barry Galef** *Barry Galef*

**Tupelo Black** *Nyssa sylvatica* **N**
202 90 84 **313**
**Spencerville** **"Homesales, Inc."** *Doug Sievers*

**Viburnum Blackhaw** *Viburnum prunifolium* **N**
62 26 35 **97**
**Silver Spring** **Otto Atzert** *John Parrish*

Champion Sweetgum, *Liquidambar styraciflua*, one of Elizabeth Minar's three champion trees in Brinklow. That's a US quarter showing the relative size of the Sweetgum's leaves and fruit.

**Walnut Black** *Juglans nigra* **N**
179 97 80 **296**
**Olney** **Montgomery General Hospital Thrift Shop** *Donna Will*

**White-cedar Northern** *Thuja occidentalis* **N**
91 40 35 **140**
**Silver Spring** **Anne Scheiner** *John Parrish*

**Willow Black** *Salix nigra* **N**
77 80 31 **165**
**Silver Spring** **M-NCPPC** *John Parrish*

**Willow Weeping** *Salix babylonica*
168 79 62 **263**
**Bethesda** **NIH** *Joe Howard*

**Willow White** *Salix alba*
87 62 47 **161**
**Gaithersburg** **Quince Orchard** *John Parrish*

**Yellow-poplar (Tuliptree)** *Liriodendron tulipifera* **N**
292 152 94 **468**
**Sandy Spring** **M-NCPPC** *Gene Elliott*

**Yellowwood** *Cladrastis lutea* **N**
117 78 74 **214**
**Silver Spring** **M-NCPPC** *John Parrish*

**Yew Japanese** *Taxus cuspidata*
50 28 32 **86**
**Bethesda** **FASEB** *Jeffrey Yocum*

**Zelkova Japanese** *Zelkova serrata*
121 72 78 **212**
**Bethesda** **NIH** *Edward Russell*

## *Urban Tree Steward Program*

A key role of the M-NCPPC, Urban Forestry/ Arboriculture Section is the stewardship of trees in 410 Montgomery Parks through inspection and maintenance programs. Urban Foresters conduct inspections of Park trees surrounding intensively used areas such as playgrounds, ballfields, paved trails, parking lots, gardens and facilities. Inspection of Parks is a priority for providing a safe and enjoyable park experience. Tree Care is performed by Professional Arborists and specialized maintenance crews trained to maintain and promote tree health while protecting public safety.

Urban Tree Stewards can use their talents, skills and interests to aid Montgomery County Park's staff in maintaining public safety as well as improving the aesthetic appeal of Montgomery County Park trees. By observing and reporting existing tree conditions in our Urban and Suburban parks, volunteers will play a valuable role in protecting park visitors from the dangers and risks associated with dead, dying and diseased branches near paths, side-walks, structures and play equipment.

Volunteers interested in this program will be trained in basic tree identification and risk assessment by staff Certified Arborists. If under 18, a volunteer must be accompanied by an adult family member.

For more information or to apply to become a tree steward, please email or call Jeanne Kavinski, M-NCPPC Urban Forester at *jeanne.kavinski@montgomeryparks.org* or 301-650-2634

## The Montgomery County Forestry Board . . .

Maryland's Forestry Boards were established in 1943 to assist the State's Forest Park and Wildlife Service with the promotion of rural forest management on privately owned woodlands, and their original goal was to help assure a supply of wood fiber products through scientific forest management. Today, the role of the Forestry Boards has been expanded to help restore the Chesapeake Bay, to improve the environment in urban and suburban areas, and to educate the general public about the wide range of forest benefits.

The Montgomery County Forestry Board has evolved into a dynamic working group whose members represent virtually every aspect of forest and tree planting, maintenance, management and education in our county. The Board's meetings are a unique gathering place for licensed foresters, certified arborists, outdoor educators, forest management specialists and concerned citizens. Members are private citizen landowners and representatives of county streets, parks, schools and planning agencies, public utility companies, private nurseries, tree care companies and tree farms. Members share information and ideas for solving problems and promoting the health and growth of county forestland, both rural and urban.

Forestry Board members admire the gnarled trunk of the champion Kobus Magnolia, *Magnolia kobus,* in Kensington during their annual tour of Montgomery County champion trees. See a photo of this tree in bloom on page 9.

More information about the Montgomery County Forestry Board can be found at www.mcmdforestryboard.org. Thanks go to Board member Jim Harris for maintaining this web site.

The Montgomery County Board is pleased to have coordinated, prepared and supplied materials for student-involved reforestation tree plantings at Sandy Springs Friends School in 2009 and at The Barnesville School, Earle B. Wood Middle School, and Cedar Grove Elementary School in 2010. We are proud to say that every individual Board member participated in one or more of these school reforestation plantings. Thanks to all.

The Board is also pleased to have supported the participation of seven Montgomery County high school students in the annual "Natural Resource Careers Conference" in the summers of 2009 and 2010. We extend our gratitude to Board members Dan Landry, Jim Harris and Laurie Jenkins who interviewed the student applicants and to Pepco whose generous support enabled these students to attend tuition-free.

This 2011 Champion Tree Register marks the 22nd anniversary of Montgomery County's Big Tree Contest, and the 16th Anniversary of the publication of the Register of Champion Trees. Very special thanks go to Big Tree Contest founder Joe Howard, whose dedicated service helped him earn the 2009 Greydon Tolson Award. Thanks also to his "right hands" Joli McCathran, Laura Miller and Linda Pepe. We thank Donna Will and Dori Murphy for their beautiful photographs and Laurie Jenkins and Vicky Frank at the Lathrop E. Smith Environmental Education Center, along with David Plummer, Montgomery Soil Conservation District Manager, for their administrative support." MCFB is especially grateful to Peggy Carr at Sir Speedy Printing in Rockville. Peggy combines her commitment to our mission with her artistic and technical talents to bring all elements of this Register to fruition.

## The Montgomery County Forestry Board Members:

**Daniel Landry, Chair,** *Pepco*

**Jim Harris, Vice Chair,** *Wood Acres Tree Service*

**Dan Lewis, Secretary,** *Project Forester, Maryland Department of Natural Resources*

**Joli McCathran, Treasurer,** *County Resident Member, Washington Grove*

**Jim Benton,** *Washington Suburban Sanitary Commission (WSSC)*

**Carole Bergmann,** *Maryland-National Capital Park & Planning Commission (MNCPPC)*

**Jim Coleman,** *County Resident Member, Boyds*

**Dave Honchalk,** *Emeritus Member*

**Joe Howard,** *County Resident Member, Silver Spring*

**Laurie Jenkins,** *Montgomery County Public Schools*

**Marty Kelly,** *Kelly Landscaping*

**Brett Linkletter,** *Montgomery County Department of Transportation (DOT)*

**Laura Miller,** *Montgomery County Department of Environmental Protection (DEP)*

**Wayne Noll,** *City of Rockville*

**Linda Pepe,** *County Resident Member, Barnesville*

**David Plummer,** *Montgomery Soil Conservation District*

**Dominic Quattrocchi,** *Maryland-National Capital Park & Planning Commission (MNCPPC)*

**Pete Stadler,** *Emeritus Member, Stadler Nursery*

# Thanks

**Our deepest thanks to donors for their financial support of Forestry Board programs and activities:**

- Pepco for sponsorship of the Natural Resources Career Conference and school reforestation trees
- Maryland-National Capital Park and Planning Commission, Parks Department for their support of the publication of this Register
- Dolce International/Bolger Center, Potomac, Maryland for supporting reforestation at local schools

# You Can Nominate a Champion Tree

The Montgomery County Forestry Board solicits and compiles nominations for champion trees from April through November 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.

To learn how to measure a tree, visit *www.dnr.state.md.us/forests/kids/bigtrees.html.*

*Photocopy this page or call 301.854.6060 to request a nomination form.*
*Mail the completed form to the address below*

Tree Species: _____

(If exact species is unknown, give common name, or best guess)

Tree Location: _____

_____

Circumference (distance around trunk) GPS Coordinates (opt.)

at 4.5 feet above ground level: _____ inches _____.____

Height:_____ feet _____.____

Spread:_____ feet

**For Forestry Board Use Only**

*(Confirmed measurements)* GPS Coordinates

Circum _____ " ____.____

Height _____ ' ____.____

Spread_____ '

**Total Score** _____

Date_____

Owner of tree_____ Nominator of tree _____

Owner's address _____ Nominator's address _____

_____ _____

Owner's phone _____ Nominator's phone _____

Owner's email _____ Nominator's email _____

Today's Date:_____

TREE CITY USA

A publication of the Montgomery County Forest Conservancy District Board, A member of The Maryland Association of Forest Conservancy District Boards

*April 2011*

Big Tree Program Founder and Manager
**Joe Howard**

Tree Measurer and Database Coordinator
**Joli McCathran**

Database Manager
**Laura Miller**

Photographers
**Mary Howard**
**Joli McCathran**
**Dori Murphy**
**Donna Will**

Editor
**Linda Pepe**

Design, Layout and Printing
**Peggy Carr (Sir Speedy, Rockville)**

*This publication was printed on Mohawk Color Copy paper, which is 100% recycled, and manufactured with wind-generated electricity.*

## How is A Tree Measured?

Fred Besley 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 Besley 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.**

Mail this completed form to:

Maryland Department of Natural Resources
Forestry Division
17400 Annapolis Rock Road
Woodbine, MD 21797