PAWPAW

Asimina triloba

Register of Champion Trees

MONTGOMERY COUNTY MARYLAND

2009

OFFICE OF THE COUNTY EXECUTIVE
ROCKVILLE, MARYLAND 20850

Isiah Leggett
County Executive

April 2009

Dear Friends,

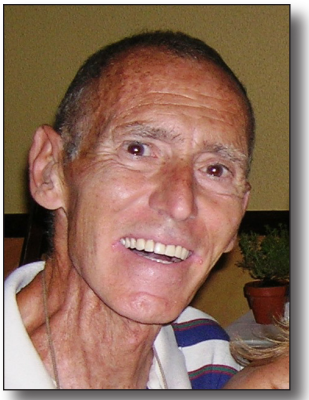
It is my pleasure to introduce another ***Register of Champion Trees*** for Montgomery County. Our residents have excitedly nominated new trees for this register and the Forestry Board has diligently measured, calculated, and recorded these nominees. This year, the register boasts **35** new county champions, with six of those ranking as new state champions as well. My appreciation goes out to all of you whose input and efforts keep the recognition of our champion trees in the public eye.

Big trees like the champions listed here bring big benefits to our neighborhoods, and accordingly, they are neighbors we want to have with us for a long time. Trees filter pollutants from the air we breathe and the water we drink; they keep our air and water cooler; and shade our homes and offices, roads and parking lots. In addition to fighting climate change with their cooling effects, trees effectively sequester and store carbon dioxide. I encourage you to visit one of the champion trees accessible to the public (see page 14) and think about these big benefits. Then as you look at your neighborhood trees, remember they provide the same benefits. This Arbor Day, may your appreciation be increased for trees large and small for the benefits they bring this world.

Sincerely,

Isiah Leggett
County Executive

Dedication



Victor Pepe, proud steward of Flora's Oak

The 2009 Register of Champion Trees is dedicated to the memory of Victor J. Pepe (June 22, 1933 - November 1, 2008), in honor of his dedicated stewardship of Flora's Oak and his establishment of a certified tree farm at Stella's Dream in Barnesville.

When the Forestry Board identified Flora's Oak as the new county champion white oak in 1991, the tree measured a total of 357 points. It was 5 points larger than the existing champion Linden Oak on 355 and Beach Drive. Victor dedicated himself to the health and well-being of this tree.

In November of 2007, John Bennett and his team measured Flora's Oak in their search for Maryland's new State Tree to replace the Wye Oak. There were eleven contenders from all over the State. Flora's Oak measured a total of 407 points – becoming the new State Champion and the new Maryland State Tree! But before the Governor could officially dedicate Flora's Oak, it was felled by a violent storm on June 4, 2008. Victor, his family, the community and the state all mourned the loss of this beloved and beautiful champion tree, just as Victor's family, friends and community mourn the loss of Flora's Oak's devoted steward. (Flora's Oak provides the background for the Forestry Board photo on page 15.)

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, sadly, passed away shortly after receiving this award. Please refer to the 2007 Register of Champion Trees to learn more about Greydon. The Forestry Board is pleased to have planted an autumn-blooming cherry tree in memory of Greydon Tolson at Bethesda-Chevy Chase High School (Greydon's alma mater) with the generous support of Mr. Steve Kelly and Irwin Stone in Rockville.

With pride and pleasure, the Forestry Board announces that the 2008 Award was presented to Dr. Joseph A. Rice, Jr. at the Arbor Day Celebration at the Ag History Farm Park on April 27, 2008. An American elm was planted in his honor at the Lathrop E. Smith Environmental Education Center in Rockville. The 2009 Award is to be presented to Mr. Joe Howard at the Arbor Day Celebration on April 26, 2009.

2008

Joe Rice, high school teacher, college professor and Christmas tree farmer, was born in Washington, DC but has lived most of his life in Damascus, Maryland. He served on the Montgomery County Forest Conservancy District Board for 20 years. Early in his tenure he became president and breathed new life into Board activities. During this time he initiated larger and more frequent school reforestation projects. He took responsibility for organizing the annual meeting of the Maryland Association of Forest Conservancy District Boards at the Lathrop e. Smith Environmental Education Center on September 28 and 29, 1984. he supported the effort to develop a register of champion trees for Montgomery County. He donated trees and demonstrated correct planting procedures at a workshop for county citizens at the Lathrop Smith Center. When the annual Forestry Board family picnic was begun, he and his wife Sarah hosted the event for several years.

Joe Rice also served two separate three-year terms as president of the Maryland Association of Forest Conservancy District Boards. During his first term he was responsible for rewriting the Association's constitution and by-laws, bringing them up to date, and worked hard to get all 24 local Boards active and involved. He also was very instrumental in getting what was then known as the "Forestry Camp" for high school students reactivated and reenergized.

When he learned there was an inactive Forestry Boards Foundation, he did some extensive research and was responsible for reinstituting the Foundation and using it to raise considerable monies for forestry projects in Maryland. In the process, he updated the by-laws and acquired tax-exempt status for the Foundation.

Throughout his career, Joe's dedication, exemplary leadership and unselfish service have benefitted forestry in Montgomery County as well as the state of Maryland. The Montgomery County Forestry Board is proud to have selected Joe Rice as the 2008 recipient of the Greydon Tolson Forestry Stewardship Award. Congratulations and thanks to Joe Rice!

Joe Rice, receiving the Greydon Tolson Award from Forestry Board chair Dan Landry in April 2008

2009

When you spot the van with the vanity tag "PLANT 1", you know you've spotted **Joe Howard.** Joe has spent his life creating opportunities to educate young and old about the joys of forests and trees and personally caring for our woodland environment (whether planting a tree, picking up trash, or rescuing a tree from a strangling vine).

Joe Howard, 2009 Greydon Tolson Award honoree

Joe's legendary persistence and extraordinary efforts led him to found Montgomery County's Outdoor Education Program and establish the county's first dedicated outdoor education facility, the Lathrop E. Smith Environmental Education Center in 1974. Joe has been responsible for seeing that thousands of trees were planted at both the Smith Center and the neighboring park, transforming the meadow into an arboretum of specimen trees and evergreen forests.

Joe's persistence and vision lead to the creation and placement of three different Steve Weitzman sculptures carved from dead trees, two of which depict children planting trees, and all of which inspire our citizens, both county and state. One is found at the Smith Center, one in the lobby of the Montgomery County Judicial Center in Rockville, and one in the lobby of DNR's Tawes Office Building in Annapolis.

Once Joe joined the Montgomery County Forestry Board, he:

- Established and still manages Montgomery County's Champion Tree Program. This data has been incorporated into the County's Forest Conservation Law to encourage protection of our significant trees.
- Served as president of the Board for two separate terms.
- Re-established Montgomery County as a Tree City USA.
- Motivated the state forester to encourage each county to name a county tree.
- Encouraged each county to invite an educator to join their Forestry Board.
- Instituted Community Service Days (for clean-ups and pruning of trees) at the Audubon Naturalist Society, Rockville Cemetery, Smith Center, and B-CC High School.
- Serves on the MNCPPC's Montgomery County Arbor Day Committee which plans and runs the annual Arbor Day celebration at the Agricultural History Farm Park.
- Represents the Forestry Board's Champion Trees Program with a display at the County's annual Arbor Day celebration and other events.
- Leads annual Champion Tree Tours for Brookside Gardens and other groups.
- Presents illustrated lectures on Montgomery County's Champion Trees to Garden Clubs and similar groups.

Congratulations and our thanks to Joe Howard, winner of the 2009 Greydon Tolson Forest Resource Conservationist Award.

BIG TREES

The Montgomery County Forestry Board is proud to present the following 2009 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. 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 over 600 different champion species on the national list, and Montgomery County may have three of those: the champion Viburnum Blackhaw tree, and as-yet-to-be-crowned national champion Cockspur Hawthorn and Pawpaw (pictured on this year's cover).

Joe Howard and the Montgomery County Forestry Board began Montgomery County's champion tree list in 1989 with 42 champion species. Since then the Forestry Board has held a bi-annual Big Tree Contest throughout Montgomery County to identify new champions.

This year's contest drew 60 nominations and resulted in the listing of 40 new county champions (5 of which are returning champions), 6 new species added to the list, and 6 new state champions. The 2009 Register now lists the largest known trees of 162 species identified in Montgomery County as of November 30, 2008. Fifty-seven of these are Maryland State Champions, and the three listed above are potential national champs. Montgomery County continues to have more identified state champion species than any other county in Maryland.

The location of each champion tree and names of the owner and nominator follow each listing.

Some Montgomery County Champion Trees You Can Easily Visit

In the **Bethesda** area, several champion trees are located on the grounds of **FASEB**, 9650 Rockville Pike:

- Purple Beech, *Fagus sylvatica, v. atropunicea*, Edge of large lawn, south of main buildings
- Eastern Hemlock, *Tsuga Canadensis*
- American Holly, *Ilex opaca*
- Japanese Yew, *Taxus cuspidata*
- And just up the **Pike**, at Beach Drive is the returning champion White Oak, *Quercus alba (*the "Linden Oak")

In **Chevy Chase**, on the grounds of the **Audubon Naturalist Society's** Woodend Sanctuary, 8940 Jones Mill Road, you'll find the champion:

- Cedar of Lebanon, *Cedrus libani*
- American Linden, *Tilia Americana*
- Japanese Maple, *Acer palmatum*
- English Oak, *Quercus robur*
- And at Chevy Chase **Circle**, the champion Post Oak, *Quercus stellata*

The **Silver Spring area** is home to the champion:

- Red Maple, *Acer rubrum*, at St. John the Baptist Church on New Hampshire Ave
- Yellow Buckeye, *Aesculus octandra*, in Sligo Creek Park near Brunett Ave
- Sawtooth Oak, *Quercus acutissima*, Sligo Creek Park at Brunett Ave & Bruce Dr
- Baldcypress, *Taxodium ascendens*, at the corner of Noyes Dr and Alton Pkwy

In **Wheaton**, **Brookside Gardens** is home to many champions:

- Himalayan Pine, *Pinus wallichiana*, near Conservatory
- Paperbark Maple, *Acer griseum*,
- Sweetbay magnolia, *Magnolia virginiana*, near Visitor's Center

In the **Northeast** parts of the County, check out the champion

- White Ash, *Fraxinus Americana*, in the Auburn Village Park in Sandy Spring
- Pagoda Tree, *Sophora japonica,* in front of Clubhouse A in Leisure World
- White Pine, *Pinus strobus*, in Olney at Olney Acres Park
- Black Walnut, *Juglans nigra*, in Olney in front of the thrift shop at Montgomery General Hospital

And in the **Northwest** areas of the County, look for

- Northern Catalpa, *Catalpa speciosa*, on Route 28 in Darnestown
- Leyland Cypress, *cupressoscyparis leylandii*, Needwood Mansion in Derwood
- English Elm ("Goshen Elm") on Goshen Road in Gaithersburg
- Smooth leaved Elm, *Ulmus carpinifolia pendula,* at the Rockville Civic Center

CHAMPION Trees 2009

Montgomery County, Maryland

57 State Champion Trees
in Montgomery County, April 2009
3 National Champions

Keys

Common Name – *Genus Species*
Circumference (") Height (') Spread (') **Total Score** Status
Location **Owner's Name** *Nominator's Name*

Status

*	State Champion
**	National Champion
N	Native
NNI	Non-native invasive

Location and Owner Abbreviations

C+O Canal	Chesapeake & Ohio Canal
MCDPWT	Montgomery County Department of Public Works and Transportation
MCPS	Montgomery County Public Schools
MD SHA	Maryland State Highway Administration
M-NCPPC	Maryland-National Capital Park and Planning Commission
NHP	National Historic Park
NIH	National Institutes of Health
NPS	National Park Service
SVP	Stream Valley Park
TPC	Tournament Players Club
WMA	Wildlife Management Area
WSSC	Washington Suburban Sanitary Comission

*** Ailanthus (Tree of Heaven)** – *Ailanthus altissima*
170 90 67 277 NNI
Silver Spring **Barry Galef** *Barry Galef*

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

Arborvitae Eastern – *Thuja occidentalis*
91 40 35 140 N
Silver Spring **Anne Scheiner** *John Parrish*

Ash Green – *Fraxinus pennsylvanica*
128 108 65 252 N
Rock Creek SVP **M-NCPPC** *Michael Toker*

Ash White – *Fraxinus americana*
216 95 97 335 N
Sandy Spring **M-NCPPC (Rural Legacay Trail)** *Dominic Quattrocchi*

Aspen Big Tooth – *Populus grandidentata*
54 80 50 147 N
Wheaton Regional Park **M-NCPPC** *John Parrish*

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

Beech American – *Fagus grandifolia*
201 106 106 333 N
Clarksburg **Ruth Garrett** *Ruth Garrett*

Beech Purple – *Fagus sylvatica var. atropunicea*
185 66 84 274
Bethesda **FASEB** *Joe Howard*

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

*** Birch Paper** – *Betula papyrifera*
83 54 47.5 149 N
Silver Spring **Rhys & Sue Kuklewicz** *Sue Kuklewicz*

Birch River – *Betula nigra*
126 75 70 219 N
Silver Spring **Joe & Mary Howard** *Joe & Mary Howard*

American Beech, *Fagus grandifolia,* Peachtree Road, Dickerson

Common Name – *Genus Species*
Circumference (") Height (') Spread (') **Total Score** Status
Location **Owner's Name** *Nominator's Name*

Key

Birch Sweet or Black – *Betula lenta*
56 76 44 143 N
Layhill, Alderton Lane **M-NCPPC** *John Parrish*

Boxelder – *Acer negundo*
170 50 22 242 N
Barnesville **Stella's Dream** *Terry Bacas*

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

* **Buckeye Red** – *Aesculus pavia*
138 29 37 176
Bethesda **NIH** *Lynn Mueller*

Buckeye Yellow – *Aesculus octandra*
141 98 62 255
Silver Spring, Sligo Creek SVP **M-NCPPC** *Joe Howard*

Butternut – *Juglans cinerea* N

Castor-Aralia – *Kalopanax pictus*
22 25 20 52
Clarksburg, Black Hill Regional Park **M-NCPPC** *Joe Howard*

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

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

Cedar Blue Atlas – *Cedrus atlantica*
115 52 76 186
Germantown **Landmark Station Townhomes**

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

* **Cedar Eastern Red** – *Juniperus virginiana*
152 73 36 234 N
Rockville **Victor Palmeiro** *John Parrish*

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

* **Cedar Turkish** – *Cedrus lebani var. stenocoma*
113 92 46 217
Chevy Chase **Outdoor Nursery School** *Barbara Hutchinson*

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

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

WANT TO KNOW MORE? ~ *Try These Useful Tree Related Websites*

National Arbor Day Foundation	*www.arborday.org*
Maryland Forest Association	*www.americanforest.org*
Maryland Native Plant Society	*www.mdflora.org*
Maryland Department of Natural Resources	*www.dnr.state.md.us*
Maryland State Association of Forest Conservancy Districts	*www.mdforestsailorsite.net*
Maryland Cooperative Extension Service	*www.extension.umd.edu*
Maryland National Capital Park and Planning Commission	*www.montgomeryparks.org*
Montgomery County Forestry Board	*www.mcmdforestryboard.org*
Casey Trees, Washington DC	*www.caseytrees.org*

WANT TO PLANT A TREE?

Try the Governor's "Marylanders Plant Trees" program, which asks private citizens to plant 50,000 trees by 2010 and offers **$25 coupons** for each tree purchased and planted. *www.trees.maryland.gov*

For local reforestation efforts,
Montgomery County Parks Reforestation 301-949-2818
Maryland DNR Forest Service local office 301-854-6060

For reforestation and gift tree planting
www.treesftf.org
www.americanforests.org/planttrees
www.arborday.org plus
www.arborday.org/trees/righttreeandplace
www.dnr.state.md.gov/forests/treemendous

Key

Common Name - *Genus Species*
Circumference (") Height (') Spread (') **Total Score** Status
Location **Owner's Name** *Nominator's Name*

Cherry Sweet - *Prunus avium*
111 66 63 193
Bethesda **Jean Parker**

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

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

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

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

Chestnut Chinese - *Castanea mollissima*
132 65 60 212
Germantown *Michael Zanisic*

Cottonwood - *Populus deltoides*
153 102 80 275 N
C+O Canal NHP **NPS** *Mary Howard*

Crabapple - *Malus angustifolia*
53 31 40 94
Barnesville **Stella's Dream** *Victor Pepe*

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

* **Cypress Japanese False** - *Chamaecyparis pisifera*
127 74 35 210
Gaithersburg **Kathryn Schumacher** *Jack Schumacher*

Flowering Dogwood, *Cornus florida,* Paint Branch High School

* **Cypress Leyland** - *Cupressocyparis leylandii*
62 50 16 116
Rockville, Needwood Mansion **M-NCPPC** *Joe Howard*

Devil's Walking Stick - *Aralia spinosa*
14 18 16 36 N
Rockville **Mrs. William Banfield** *Joe Howard*

Dogwood Flowering - *Cornus florida*
67 22 38 99 N
Burtonsville **M-NCPPC** *Larry Silberman*

* **Dogwood Kousa** - *Cornus kousa*
66 34 37 109
Potomac **Nancy & Tom Madden** *Meredith Williams*

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

Elm American - *Ulmus americana*
245 81 101 351 N
Chevy Chase **Robert Bernstein** *Robert Bernstein*

Elm Chinese - *Ulmus parvifolia*
96 77 49 185
Bethesda **Society of American Foresters** *Joe Howard*

* **Elm English "Goshen Elm"** - *Ulmus procera*
261 103 114.5 393
Gaithersburg **MCDPWT & M-NCPPC** *Steven Zepnick*

Elm Siberian - *Ulmus pumila*
140 87 98.5 252 NNI
Silver Spring **Scott Schneider & Miriam Struck** *Scott Schneider*

Elm Siberian - *Ulmus pumila*
162 67 84 250 NNI
Silver Spring **Liz Berbacos** *Bill Dingus*

Elm Siberian - *Ulmus pumila*
147 89 76 255 NNI
Chevy Chase **Bruce A. Russell/Jean E. Shorett**
Bruce A. Russell/Jean E. Shorett

* **Elm Smooth Leaved** - *Ulmus carpinifolia var. pendula*
217 90 100 332
Rockville Civic Center Park **City of Rockville** *Phil Normandy*

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

* **Fir Nordmann** - *Abies nordmanniana*
112 102 48 226
Olney **Phil Saba** *Phil Saba*

* **Franklinia** - *Franklinia alatamaha*
26 27 35 62 N
Brookville, Brighton Dam **WSSC** *Jim Benton*

Fringetree - *Chionanthus virginicus*
N

THREATS TO THE FOREST AND TREES

Non-Native Invasives "NNIs"

Have you noticed the new piece of species information in the 2009 Register? It's the "N" or "NNI" designation – "native" or "non-native invasive".

Non-native invasive plants (NNIs) are species that have been introduced intentionally or accidentally into environments where they did not evolve. When these species move into areas where their own natural controls are missing, they can spread unchecked, with major negative effects to our environment, economy and/or health. A NNI can

- kill mature trees by shading, girdling, or causing heavily burdened trees to topple;
- eliminate entire native plant communities, wildlife habitats and wildlife food sources; and
- alter ecosystems.

Experts consider NNIs to be the second greatest threat to biodiversity after outright habitat destruction.

Which NNI species cause the most damage in Montgomery County?

There are NNI trees, shrubs, vines, and herbaceous plants which are highly invasive in Montgomery County. However, the overgrowth of NNI VINES is of particular concern for the health of our trees. A current short list of the worst NNI vines includes:

- **English ivy (Hedera helix)**
- **Five-leaved akebia (Akebia quinata)**
- **Japanese honeysuckle (Lonicera japonica)**
- **Kudzu (Pueraria montana v. lobata)**
- **Mile-a-minute (Polygonum perfoliatum)**
- **Oriental bittersweet (Celastrus orbiculatus)**
- **Porcelain-berry (Ampelopsis brevipedunculata)**
- **Winter-creeper (Euonymus fortunei)**
- **Wisteria, Chinese & Japanese (Wisteria sinensis; W. floribunda)**

Woods killed by bittersweet and mile-a-minute

Wintercreeper euonymous leaves and berries

What can you do to help?

You will be doing your part to preserve our forests for the future generations if you can:

- Learn to recognize the problem NNI plants
- Decide to not buy or plant them
- Make an effort to keep them from seeding and eventually remove them from your own property
- Consider joining a volunteer effort to control their growth on public wild acres (*www.mc-mncppc.org/Environment/weed_warriors)*
- Educate your friends and neighbors about the issue
- Establish native plants in your yards and gardens and plant native trees.
- Check out these websites for more detailed info and great photos:

  http://www.nps.gov/plants/alien/
  http://www.mdinvasivesp.org/
  http://www.mdflora.org/
  http://www.bugwood.org/

Kudzu leaves and flowers and kudzu killing trees

Porcelainberry leaves and berries and Weed Warriors attacking a porcelainberry wall

CITIZEN ALERT REMAINS IN PLACE - Emerald Ash Borer

The emerald ash borer is a seriously invasive insect which feeds on and kills ash trees one to three years after infestation. Ash trees are the most common tree growing in Baltimore City and make up 20% of Maryland's riparian forests. To date, the only known remedy for these insects is destruction of the infested trees. The emerald ash borer became established in the Brandywine Area of Prince George's County after infected nursery stock arrived at a local nursery in 2003, and in August 2008 the emerald ash borer was discovered in areas of neighboring Charles County as well. The Maryland Departments of Agriculture and Natural Resources have created and monitor eradication zones in the two Counties wherein all ash trees have been identified and removed for chipping and disposal.

Telltale trail of the emerald ash borer beneath the bark of an afflicted ash tree (photo courtesy of Maryland DNR website)

"Don't Pack Firewood - Buy it Where you Burn it"

To help control the spread of this dangerous beetle, Maryland citizens and visitors are being asked to comply with the established quarantine and refrain from transporting firewood from the infested area in Prince George's County and Charles County to any other area and from other states into Maryland.

LOOK FOR:

Emerald Ash Borer adults are dark metallic green, one-half-inch in length and 1-sixteenth of an inch wide. They are present from mid-May until early-August. Affected trees show symptoms of infestation including: die-back on the upper third of the tree, D-shaped exit holes in the bark where adults emerge, and vertical splits in the bark. If you suspect an Emerald Ash Borer infestation, contact the Maryland Department of Agriculture at 410-841-5920.

Additional information can be obtained from *http://mda.state.md.us/plants-pests/eab* or *http://www.dnr.state.md.us/dnrnews/infocus/emerald_ash_borer.asp.*

Emerald Ash Borer (photo courtesy of Maryland DNR website)

10 Reasons to Plant Trees...Now!

1. Trees conserve energy in the summer, and save you money. Properly planted trees can cut your air-conditioning costs by 15-35%.

2. Trees help clear the air. Trees produce the oxygen we breathe, and reduce air pollution by lowering air temperature, through respiration, and by retaining particulates.

3. Trees bring songbirds close by. Birdsong will fill the air as trees provide nesting sites, food, and cover for countless species.

4. Trees around your home can increase its value by up to 15% or more. Studies of comparable houses with and without trees place a markedly higher value on those whose yards are sheltered by trees.

5. Trees help clean our rivers and streams. Trees hold the soil in place and reduce polluted runoff into our waterways.

6. Trees conserve energy in the winter. Trees can slow cold winter winds, and can cut your heating costs 10-20%.

7. Trees fight global warming. As they grow, trees remove carbon dioxide from the atmosphere, the major contributor to global warming. Trees planted near our homes and in our communities moderate temperatures and reduce the need for air conditioning and heating produced by burning fossil fuels, a major source of excess CO_2.

8. Trees make your home, and your neighborhood, more beautiful. Trees mark the changing seasons, and add grace and seasonal color. Trees make a house feel like a home.

9. When you plant trees, you support Tree City USA where you live. Tree City USAs have community forestry programs to plant and care for trees. You can do your part.

10. It's easy, and fun! Here's how: Join the nonprofit Arbor Day Foundation and we'll send you 10 trees...FREE...with easy-to-follow planting instructions.

You will receive 10 free trees – Sugar Maple, Red Oak, Red Maple, White Pine, Pin Oak, Colorado Blue Spruce, Silver Maple, River Birch, Redbud and White Flowering Dogwood, or other trees selected for your area. You'll also receive the Foundation's colorful bimonthly, *Arbor Day*, a membership card, and *The Tree Book* with tree planting and care information. Your six to twelve inch trees are guaranteed to grow or they'll be replaced free of charge. Trees are shipped at the right time for planting in your area, February through May in spring or October through mid-December in the fall.

To receive your free trees, send a $10 membership contribution to 10 Free Trees, The National Arbor Day Foundation, 100 Arbor Avenue, Nebraska City, NE 68410, or join online at arborday.org.

Join now, and plant your Trees for America!

You will receive 10 free trees when you join The National Arbor Day Foundation

The National Arbor Day Foundation®
arborday.org

Common Name – *Genus Species*
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*
156 97 75 272
Brinklow **Elizabeth Minar** *Orris Minar*

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

***Golden Rain Tree** – *Koelreuteria paniculata*
63 87 48 162
Kensington **T.J. &Julie O'Malley** *T.J. & Julie O'Malley*

***Gum Black** – *Nyssa sylvatica*
202 90 84 313 N
Spencerville **Homesales Inc.** *Doug Sievers*

Hackberry – *Celtis occidentalis*
126 111 69 254 N
Rock Creek Park, North Branch **M-NCPPC** *Joe Howard*

****Hawthorn Cockspur** – *Crataegus crus-galli*
26 18 29 51 N
Rockville, Smith Center **MCPS** *David Honchalk*

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

Hemlock Carolina – *Tsuga caroliniana*
46 42 24 94 N
Bethesda **NIH** *Lynn Mueller*

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

Hickory Bitternut – *Carya cordiformis*
117 148 74 283 N
Northwest Branch Park **M-NCPPC** *John Parrish*

Hickory Mockernut – *Carya tomentosa*
105 75 43 191 N
Silver Spring **MCPS** *John Parrish*

Hickory Pignut – *Carya glabra*
124 107 62 247 N
Matthew Henson State Park **M-NCCPC** *John Parrish*

Hickory Shagbark – *Carya ovata*
84 127 63 227 N
Blockhouse Point Park **M-NCPPC** *John Parrish*

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

Honeylocust – *Gleditsia triacanthos*
175 96 72 289 N
Gaithersburg, Great Seneca SVP **M-NCCPC** *Susan Nolde*

"There are about 60- to 200- million spaces along our city streets where trees could be planted. This translates to the potential to absorb 33 million more tons of CO2 every year, and saving $4 billion in energy costs."—*National Wildlife Federation*

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*
178 100 60 293 N
Brookeville **Nicholas Weber** *Nicholas Weber*

Linden American (Basswood) – *Tilia americana*
166 105 59 286 N
Chevy Chase **Audubon Naturalist Society**

***Linden European** – *Tilia europaea*
269 87 70 374
Silver Spring **Woodland Horse Center**

Linden Little Leaf – *Tilia cordata*
185 98 75 302
Sandy Spring, Woodlawn Manor **MNCPPC** *Holly Thomas*

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

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

***Magnolia Kobus** – *Magnolia kobus*
84 32 37 125
Silver Spring **Connie Greene** *John Parrish*

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

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

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

Key

Common Name - *Genus Species*
Circumference (") Height (') Spread (') **Total Score** Status
Location **Owner's Name** *Nominator's Name*

Magnolia Sweetbay - *Magnolia virginiana*
32 36 20 73 N
Wheaton, Brookside Gardens **M-NCPPC** *Philip Normandy*

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

Maple Japanese - *Acer palmatum*
89 31 42 131
Chevy Chase **Audubon Naturalist Society** *Joe Howard*

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

Maple Norway - *Acer platanoides*
84 40 57 138 NNI
Beallsville **Am Kolel Sanctuary** *Vince Berg*

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

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

Maple Silver - *Acer saccharinum*
253 90 80 363 N
Dickerson, C&O Canal Lock 26 **NPS** *Dominic Quattrocchi*

Maple Sugar - *Acer saccharum*
201 74 50 288 N
Brinklow **Phyllis Huffner**

Maple Sycamore - *Acer pseudoplatanus*
82 42 39 134
Silver Spring **Alan Crane** *Alan Crane*

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

Comfort and Joy in Times of Crisis

In a time of great change, some of it unwanted or unexpected, it is nice to know that some things remain the same. In times like these, it is nice to know that the woods are still there. We need the woods . . . and their silent and timeless beauty . . . even more in a time of uncertainty than in good times. When our bank balances become even more unbalanced, we need to find a place that still seems in balance. Sometimes the things you cannot value are the most valuable. While that bit of forest may not add anything to the financial value of the surroundings, it has great value to our psychological surroundings.

- Lee Sheaffer

Monkey Puzzle Tree - *Araucaria araucana*
37 30 20 72
Bethesda **Jonathan and Caren Matzkin** *Diane Lewis*

Mountain Ash European - *Sorbus aucuparia*
41 37 31 86
North Bethesda **Ursula Sabra Sukinik** *Ursula Sabra Sukinik*

Mulberry Paper - *Broussonetia papyrifera*
26 32 29 65
Great Falls Park **NPS** *Joe Howard*

Mulberry Red - *Morus rubra*
46 35 47 93 N
Poolesville **Catherine Wolfrey** *Catherine Wolfrey*

Mulberry White - *Morus alba*
205 58 79 283 NNI
Silver Spring **Smalls Nursery** *Smalls Nursery*

*Musclewood/Hornbeam** - *Carpinus carolinia*
84 37 50 134 N
Rockville **Samuel Mazzuca** *John Parrish*

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

Oak Basket - *Quercus Michauxii*
100 93 52 206 N
Blockhouse Point Park **M-NCPPC** *John Parrish*

Oak Basket - *Quercus Michauxii*
106 87 64 209 N
Blockhouse Point Park **NPS** *John Parrish*

*Oak Black** - *Quercus velutina*
243 87 97.5 354 N
Seneca Creek State Park **State of Maryland** *Marco A. Fuster*

Oak Blackjack - *Quercus marilandica*
83 64 52 160 N
Wheaton Veterans Park **M-NCPPC** *John Parrish*

Oak Bur (Mossy-cup) - *Quercus macrocarpa*
110 76 38 196 N
Colesville **State of Maryland**

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

Oak Chincapin - *Quercus muehlenbergii*
185 96 85 302 N
C+O Canal NHP **NPS** *John Parrish*

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

Oak Northern Red - *Quercus rubra*
225 115 94 364 N
Silver Spring **Jeff & Jill Martinez** *John Parrish*

Common Name – *Genus Species*
Circumference (") Height (') Spread (') **Total Score** Status
Location **Owner's Name** *Nominator's Name*

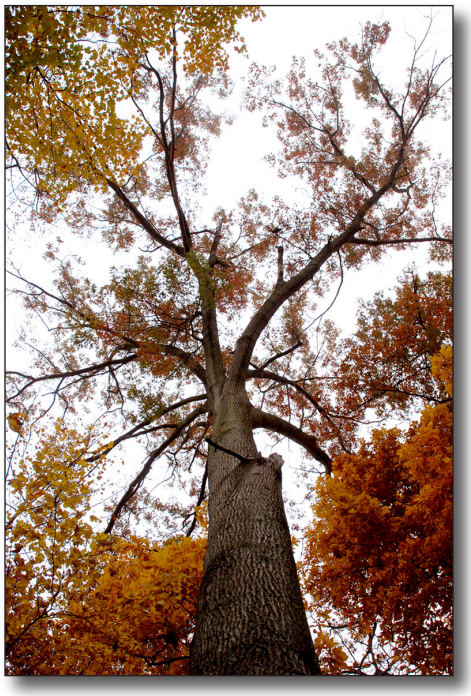
Key

**Oak Oriental Cork* – *Quercus variabillis*
105 92 100 222
Chevy Chase **Outdoor Nursery School** *Barbara Hutchinson*

**Oak Overcup* – *Quercus lyrata*
152 102 92 277 N
C+O Canal, Bear Island **NPS** *John Parrish*

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

Oak Pin – *Quercus palustris*
166 111 93.5 300 N
Silver Spring **Michael & Valerie Petty** *Michael & Valerie Petty*



Pin Oak, *Quercus stellata*, North Potomac, tallest tree in the County

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

Oak Sawtooth – *Quercus acutissima*
107 85 83 213 N
Silver Spring, Sligo Creek SVP **M-NCPPC** *Dick Zimmerman*

Oak Scarlet – *Quercus coccinea*
184 88 90 295 N
Bethesda **Gladys Millar** *Lore B. Kairys*

**Oak Shingle* – *Quercus imbricaria*
161 104 76 284 N
Sandy Spring **Carole M. Bowns** *Andrew Vernor, Doug Seivers*

**Oak Shumard* – *Quercus shumardii*
242 129 123 402 N
C+O Canal NHP, Carderock **NPS** *Lou Aronica*

Oak Southern Red – *Quercus falcata*
206 105 88 333 N
Spencerville **Dean Rogers** *Dean Rogers*

Oak Swamp White – *Quercus bicolor*
212 101 77 332 N
Silver Spring, NW Branch SVP **M-NCPPC** *John Parrish*

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

Oak White "Linden Oak" – *Quercus alba*
240 107 124 378 N
Rock Creek Park **M-NCPPC** *MC Forestry Board*

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

**Olive Russian* – *Elaeagnus angustifolia*
55 39 24 100 NNI
Wheaton Veteran's Park **M-NCPPC** *Danae Fails*

Osage Orange – *Maclura pomifera*
157 60 56 231 N
Wheaton Regional Park **M-NCPPC** *Paul Carlson*

Pagoda Tree – *Sophora japonica*
79 52 49 143
Silver Spring **Leisure World** *Joe Howard*

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

***Pawpaw* – *Asimina triloba*
26 57 19 88 N
C+O Canal NHP, Carderock **NPS** *John Parrish*

**Pear Bradford* – *Pyrus calleryana*
95 56 50 164
Potomac **U.S. Postal Service, Bolger Center**

Pecan – *Carya illinoensis*
151 83 59 249 NNI
Chevy Chase **John Wigglesworth** *John Wigglesworth*

Paw Paw Pie

(in honor of our national champion pawpaw tree!)

1	c. sugar	1	c milk
1	egg	1-½	c. pawpaws peeled and seeded
½	tsp. salt		

Mix and stir over medium heat until thick Pour into unbaked pie shell.
Bake until crust is done. Top with whipped cream and cinnamon.

Key

Common Name – *Genus Species*
Circumference (") Height (') Spread (') **Total Score** Status
Location **Owner's Name** *Nominator's Name*

Sawtooth Oak, *Quercus acutissima*, Sligo Creek Park

Persimmon - *Diospyros virginiana*
53 79 29 139 N
Brinklow **Elizabeth Minar** *Orris Minar*

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

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

Pine Loblolly - *Pinus taeda*
86 93 36 188 N
Chevy Chase **M-NCPPC Meadowbrook Stables** *Joe Howard*

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

***Pine Ponderosa** - *Pinus ponderosa*
51 57 27 115
Germantown **Lucy Alexander**

***Pine Red** - *Pinus resinosa*
75 81 31 164
Olney *John Parrish*

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

***Pine Short Leaf** - *Pinus echinata*
82 91 29 183 N
Potomac **Village of Greenbriar Estates** *John Parrish*

***Pine Short leaf** – *Pinus echinata*
78 87 44 176 N
Washington Grove **Town of Washington Grove** *John Bradfield*

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

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

Pondcypress - *Taxodium ascendens*
150 86 29 243 N
Darnestown **Greg Linteris** *Juan Paez*

***Poplar Lombardy** - *Populus nigra*
54 72 24 132
Derwood **Devin Battley** *Devin Battley*

Poplar White - *Populus alba* ?

***Redbud** - *Cercis canadensis*
105 33 45 149 N
North Chevy Chase **Michael & J.W. Houlihan** *Jim Harris*

***Redbud** – *Cercis canadensis*
110 35 33 153
Rockville, I-270 **MD SHA** *Marco Fuster*

Redwood Dawn - *Metasequoia glyptostroboides*
133 117 60 265
Chevy Chase **Susan & Dudley Ives** *Susan & Dudley Ives*

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

Serviceberry - *Amelanchier arborea*
49 41 33 98 N
Rockville, Smith Center **MCPS** *Laurie Bricker*

Silverbell - *Halesia carolinia*
30 42 33 80 N
Rockville **Diane Lewis** *Diane Lewis*

Sourwood - *Oxydendrum arboreum*
44 58 29.8 109 N
Silver Spring **Margaret Madert** *Margaret Madert*

***Spruce Blue** - *Picea pungens*
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*

Common Name – *Genus Species*
Circumference (") Height (') Spread (') **Total Score** Status
Location **Owner's Name** *Nominator's Name*

Key

Sweetgum – *Liquidambar styraciflua*
128 99 77.5 246 N
Brinklow **Elizabeth Minar** *Orris Minar*

Sycamore – *Plantanus occidentalis*
270 114 137 418 N
Silver Spring **Marc Boswell** *Joe & Tina Sandri*

***Tamarack** – *Larix laricina*
17 20 15 41 N
Rockville, Smith Center **MCPS** *Joe Howard*

***Tuliptree/Yellow Poplar** – *Liriodendron tulipifera*
301 110 71 429 N
Brookeville **Manor Oaks Subdivision** *Dominic Quattrocchi*

***Tuliptree/Yellow Poplar** – *Liriodendron tulipifera*
286 114 96 424 N
Northwest Branch Park station #5 **M-NCPPC** *Gene Elliott*

***Tuliptree/Yellow Poplar** – *Liriodentron tulipifera*
280 122 89 424 N
Silver Spring, Eubie Blake HS **MCPS** *John Parrish*

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

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

***Willow Black** – *Salix nigra*
77 80 31 165 N
Rock Creek Park **M-NCPPC** *John Parrish*

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

Willow White – *Salix alba*
87 62 47 161
Quince Orchard **unidentified** *Joe Howard*

Yellowwood – *Cladrastis lutea*
117 78 74 214 N
Sligo Creek Pkwy **M-NCPPC** *John Parrish*

Tuliptree/Yellow Poplar, *Liriodendron tulipifera,* the famous "triple trunk tree" in Aspen Hill photographed during a Forestry Board tour of significant County trees.

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

Zelkova – *Zelkova serrata*
116 64 72 198
Bethesda **NIH** *Edward Russell*

"GOODS FROM THE WOODS"

Through research and advances in technology, we have learned to convert tree fibers and paper-pulping residues into a wealth of products. In fact, there are more than 5,000 wood and paper products that we use and enjoy each day – everything from baby food and ice cream, to rayon and paint, to toothpaste, cosmetics, medicine and household cleaners. But what makes all of these products special is that they come from a renewable resource – TREES.

Unlike fossil fuels, metals and plastics, wood can be harvested, used, regrown and harvested again and again in a never-ending cycle. With proper forest management, we can enjoy thousands of products and still have plenty of trees for wildlife habitat, clean air and water, recreation and aesthetic beauty today and in the future.

www.goodsfromthewoods.org

THE MONTGOMERY COUNTY FORESTRY BOARD

is one of 24 Forestry Boards in the State of Maryland—one for each county and the City of Baltimore. In 1943 the Maryland Legislature passed an Act creating Maryland's Forest Conservancy Districts, and District Board members are appointed by the Secretary of the Maryland Department of Natural Resources to serve three-year terms.

The Forestry Boards act as advocates of sound forest management practices and promote conservation of Maryland's forest resources. They are involved in educational activities, planting of school forests, timber harvest plan review, and other activities. 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 site.

The Montgomery County Board is pleased to have coordinated, prepared and supplied materials for student-involved reforestation tree plantings at Clarksburg, Sally Ride and Rock Creek Valley Elementary Schools in the last two years. Special thanks go to Board Members Dave Honchalk, Laurie Bricker, Vince Berg, Michael Huneke, Dan Lewis, Pete Stadler, and Dave Plummer for their contributions and dedication to this effort.

The Board is also pleased to have supported the participation of five Montgomery County high school students in the annual "Natural Resource Careers Conference" in the summers of 2007 and 2008. Dan Landry, Vince Berg and Dave Plummer interviewed the student applicants, and Pepco's generous support enabled these students to attend tuition-free. We extend our thanks to all.

Forestry Board members pictured in front of Flora's Oak in May 2008. from L – R: Dave Honchalk, Jim Harris, Mike Huneke, Laura Miller, Dave Plummer, Wayne Noll, Joe Howard, Vince Berg, Jim Coleman, Joli McCathran, Dan Lewis, Dan Landry, Laurie Bricker, and Linda Pepe. Not pictured are members Jim Benton, Carole Bergmann, Brett Linkletter, Dominic Quattrocchi and Pete Stadler.

This 2009 Champion Tree Register marks the 20th anniversary of Montgomery County's Big Tree Contest, and the 14th 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 this year's Greydon Tolson Award. Thanks also to his "right hands" Joli McCathran (in the field), Linda Pepe (at the computer) and Danae Fails (in both places!). And thanks to Jim Will for his cover and certificate designs, Donna Will for her beautiful photographs, Laurie Bricker and Vicky Frank at the Lathrop E. Smith Environmental Education Center for their administrative support, and to Peggy Carr at Sir Speedy in Rockville for pulling it all together.

The Montgomery County Forestry Board Members:

Daniel Landry, Chair, *Potomac Electric Power Company (Pepco)*

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

Joli A. McCathran, Treasurer, *Washington Grove*

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

Vince Berg, *Derwood, Forestry and Conservation, Inc.*

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

Laurie Bricker, *Montgomery County Public Schools*

Jim Coleman, *Boyds*

Jim Harris, *Wood Acres Tree Specialists*

Dave Honchalk

Joe Howard, *Silver Spring*

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

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

Wayne Noll, *City of Rockville*

Linda Pepe, *Barnesville*

David Plummer, *Montgomery Soil Conservation District*

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

Pete Stadler, *Stadler Nursery*

Thanks

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

- Montgomery County, Maryland, Agricultural Services Division of the Office of Economic Development
- Pepco for sponsorship of the Natural Resources Career Conference and school reforestation trees
- Several individual donors to the Greydon Tolson Memorial Fund which supports Natural Resource Career Conference programs and tuition
- Maryland National Capital Park and Planning Commission for its support of the publication of this Register.

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 2009

All tree photos by Donna Will
Additional photos by
Carole Bergmann and Linda Pepe

Cover design by Jim Will

Printing and layout by
Sir Speedy Printing, Rockville, MD

This publication was printed on 28# 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