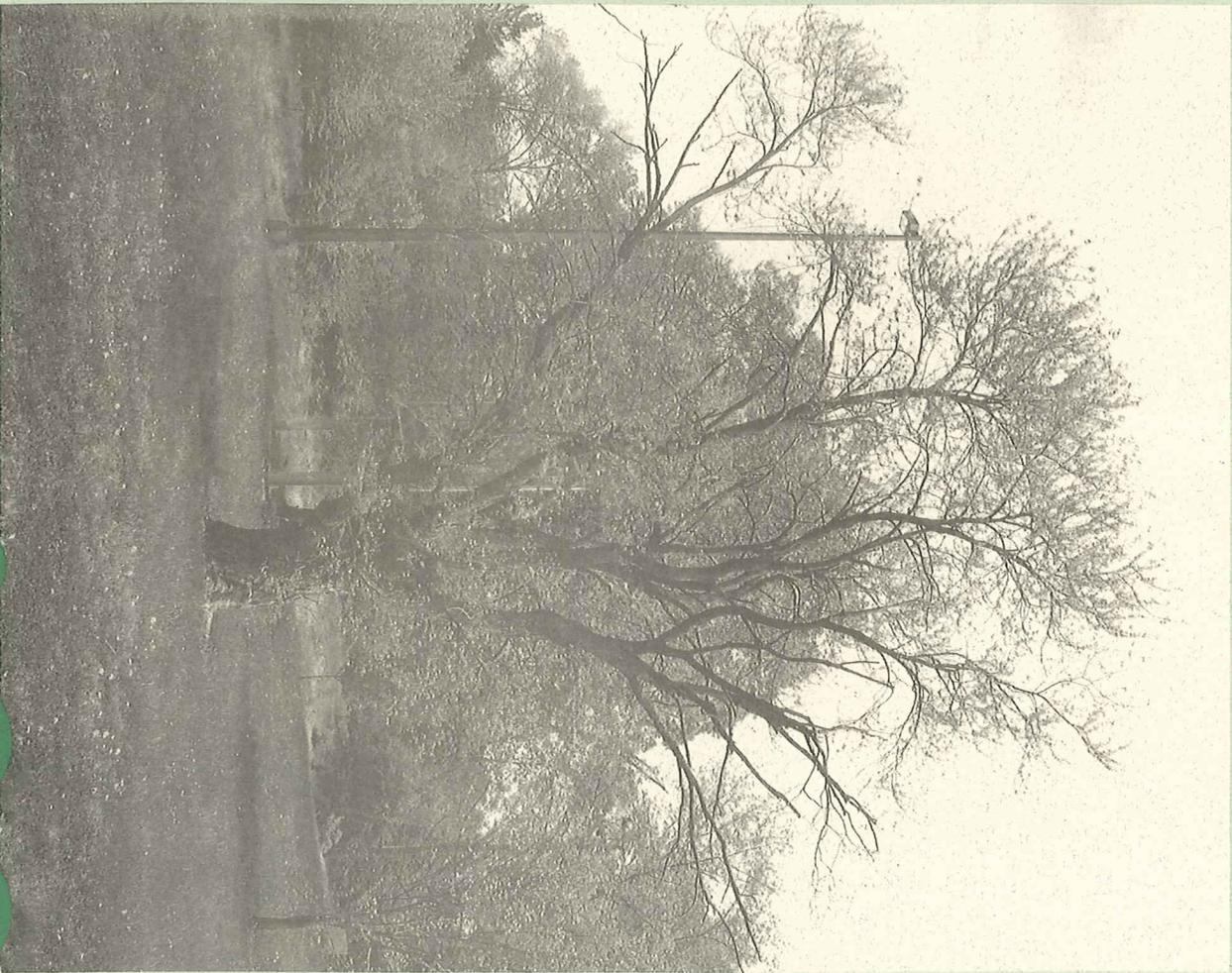


R

egister of Champion Trees
Montgomery County, Maryland

Redbud - *Cercis canadensis* (New National Champion)



2005



OFFICE OF THE COUNTY EXECUTIVE
ROCKVILLE, MARYLAND 20850

Douglas M. Duncan
County Executive

April 2005

Dear Friends:

Every two years, I have the honor of introducing the Montgomery County Forestry Conservancy District Board's Register of Champion Trees. In the past two years, nearly 50 trees were nominated with 25 qualifying as new County Champions. Montgomery County now has 150 different tree species represented on the Big Tree Register. Of these, 38 are also State Champion trees and a redbud, located in Rockville, is a National Champion. I congratulate the Forestry Board as they continue to foster stewardship for these relics of a different time and for all trees.

Along with the efforts of the Forestry Board, many departments and agencies work towards improving the condition and increasing the number of trees in Montgomery County. The Interagency Forest Conservation Team continues to bring together resource professionals to address issues facing trees and forests.

Our Champion Trees have seen many seasons and phenomenal changes in our world. They remain well-rooted in the midst of incredibly fast paced lives. Their weathered bark contrasts sharply with the young leaves emerging this spring. Let us each take a moment to appreciate the bounties of trees, especially these giants.

Sincerely,

Douglas M. Duncan
County Executive



Register of Champion Trees

The Montgomery County Forestry Board is one of 24 Forestry Boards in the State of Maryland. In keeping with its mission to increase awareness of the value of forest resource conservation, the Board established and maintains this Register of Champion Trees. Starting with 42 champion tree species identified in 1990, the Forestry Board has held a bi-annual Big Tree Contest throughout the county in its efforts to identify new species and new champions for already established species. The following are the largest known trees of 150 species identified in Montgomery County, Maryland as of April 2005. The location of the tree and names of the owner and nominator follow each listing. Thirty-eight State Champions and one National Champion are noted.

The Big Tree List

The State of Maryland's "Noted Tree List" was begun in 1925, the first such list in the country. In 1940 the American Forestry Association inaugurated a Big Tree Contest for the entire United States, and Maryland led the country in the number of national champions. Today there are 829 different champion species on the national list, and Maryland has 17 of those.

Maryland and Montgomery County's Tree Diversity

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

Montgomery County sits in the middle of this diversity, primarily comprised of the Piedmont ("foot of the mountain") physiographic province. The eastern edge of Montgomery County incorporates the Coastal Plain while the Ridge and Valley zones shadow the county's west. The Potomac River is a great transit way bringing seeds of plants from the Appalachian Plateau. Serpentine shale barrens, riverine habitat associated with the Potomac Gorge, agriculturally rich soils and palustrine wetlands all contribute to Montgomery County's natural tree diversity.

Take time to visit such Montgomery County natural treasures as the Hoyles Mill diabase area, the palisades over the Potomac River, the oak/hickory forest of the Northwest Branch Stream Valley, the chestnut oak forest of Blockhouse Point, and the red maple, blackgum, and sweetbay magnolia bottomland forest of Fairland Regional Park to experience Montgomery County's impressive diversity.

Trees

I think that I shall never see
A poem lovely as a tree.
A tree whose hungry mouth
is prest
Against the earth's sweet
flowing breast,
A tree that looks at God all day,
And lifts her leafy arms to pray;
A tree that may in Summer wear
A nest of robins in her hair;
Upon whose bosom snow
has lain;
Who intimately lives with rain.
Poems are made by fools
like me,
But only God can make a tree.

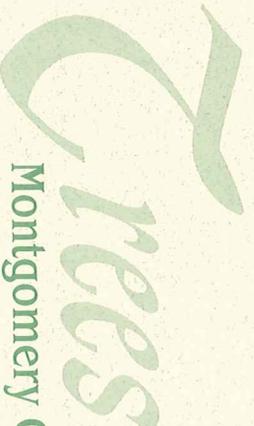
Joyce Kilmer



Forestry Board members admire the Maryland State Champion white ash (*Fraxinus Americana*) which was preserved in the development of a new community.

CHAMPION

38 State Champion Trees
in Montgomery County, April 2005
1 National Tree Champion



Montgomery County, Maryland

Keys

Common Name - Genus Species

Circumference (") Height (') Crown(') Total Points Comments

Location Owner's Name Nominator's Name

Comments

SC State Champion
NCC New County Champion
EA Easy Accessibility
RC Replacement Champion
* Current County Champion
NCCC New County Co-Champion
CCC County Co-Champion

Location and Owner Abbreviations

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

Ailanthus (Tree of Heaven) - *Ailanthus altissima*

162 94 74 275 * SC

Silver Spring Barry Galey

Barry Galey

Alder Red - *Alnus rubra*

38 42 31 88 *

Rockville James Morway

James M. Morway

Ash Green - *Fraxinus pennsylvanica*

128 108 65 252 *

Rock Creek SVP MNCPPC

Michael Toker

Ash White - *Fraxinus americana*

216 95 97 335 * SC EA NCC

Sandy Spring, Auburn Village MNCPPC/Dominic Quattrocchi

Aspen Big Tooth - *Populus grandidentata*

48 69 123 148 CCC

Washington Grove

John Bradford

Aspen Big Tooth - *Populus grandidentata*

54 80 50 147 NCCC

Wheaton Regional Park MNCPPC

John Parrish

Baldcypress - *Taxodium distichum*

150 86 29 243 *

Darnestown

Juan Paez

Beech American - *Fagus grandifolia*

177 115 106 319 *

Rockville, Rock Creek SVP MNCPPC

Jay Gartenhaus

Beech Purple - *Fagus sylvatica purpurea*

149 67 69 233 * EA

Rockville, Regional Library, Mont. County Public Libraries

Joe Howard

Birch European White - *Betula pendula*

46 48 37 103 *

Silver Spring Richard Allen

Richard Allen

Birch Paper - *Betula papyrifera*

71 49 46 132 * SC

Silver Spring Richard Anderson

Richard Anderson

Birch River - *Betula nigra*

126 75 70 219 * Former SC

Silver Spring Joe & Mary Howard

Joe & Mary Howard

Birch Sweet or Black - *Betula lenta*

56 76 44 143 NCC

Layhill MNCPPC

John Parrish

Boxelder - *Acer negundo*

168 66 96 258 *

Gaithersburg M.L. Windsor

M. L. Windsor

Boxelder - *Acer negundo*

139 95 67 251 CoChamp

Rockville, Grandin Park City of Rockville

Joseph D. Kavanaugh

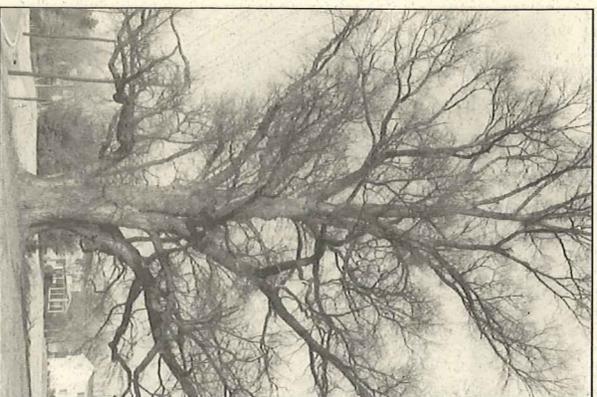
- Boxwood** - *Buxus sempervirens*
19 20 14 43 *
Olney, Ripley Manor Terrace HOA Marco A. Fuster
- Buckeye Red** - *Aesculus pauciflora*
129 35 42 175 *tag 2341
Bethesda, NIH Lynn Mueller
- Buckeye Yellow** - *Aesculus octandra*
127 92 66 236 *
Silver Spring, Sligo Creek Park MNCPPC Joe Howard
- Butternut** - *Juglans cinerea*
166 62 70 246 * SC
Aspen Hill Suhail Reyaz John Parrish
- Casta Aralia** - *Kalopanax pictum*
22 25 20 52 *
Clarksburg, Black Hill Regional Park MNCPPC Joe Howard
- Catalpa Northern** - *Catalpa speciosa*
217 76 79 313 SC, EA
Darnestown Darnestown Civic Assn
- Catalpa Southern** - *Catalpa bignonioides*
202 70 55 286 *
Potomac J Paul Smith J Paul Smith
- Catalpa Southern** - *Catalpa bignonioides*
200 60 86 282 CoChamp
Gaithersburg Thomas A. Kitchens
- Cedar Blue Atlas** - *Cedrus atlantica*
115 52 76 186 * Former SC
Germantown Landmark Station Townhomes
- Cedar Deodar** - *Cedrus deodara*
98 65 56 177 *
Silver Spring James & Grace Boeringer James & Grace Boeringer
- Cedar Eastern Red** - *Juniperus virginiana*
150 78 30 236 NCC SC
Rockville Victor Palmeiro John Parrish
- Cedar of Lebanon** - *Cedrus libani*
125 83 56 222
Chevy Chase Audubon Naturalist Society Joe Howard
- Cedar Portorford** - *Chamaecyparis lasusonianna*
116 64 42 191 * SC
Gaithersburg Jack Schumacher
- Cedar, Turkish** - *Cedrus libani* var *stenocoma*
113 92 46 217
Chevy Chase, Outdoor Nursery School Barbara Hutchinson
- Cherry Black** - *Prunus serotina*
183 96 70 297 *
Kensington Patricia & James Selvaggi Patricia & James Selvaggi
- Cherry Yoshino** - *Prunus yedoensis*
154 58 53 225 * SC
Chevy Chase Robert Simmons Robert Simmons

- Cherry Kwanzan** - *Prunus serrulata* 'Kwanzan'
178 54 67 249 *
Bethesda Paul & Anne Colborn Paul & Anne Colborn
- Cherry Sweet** - *Prunus avium*
111 66 63 193 *
Bethesda Jean Parker Jean Parker

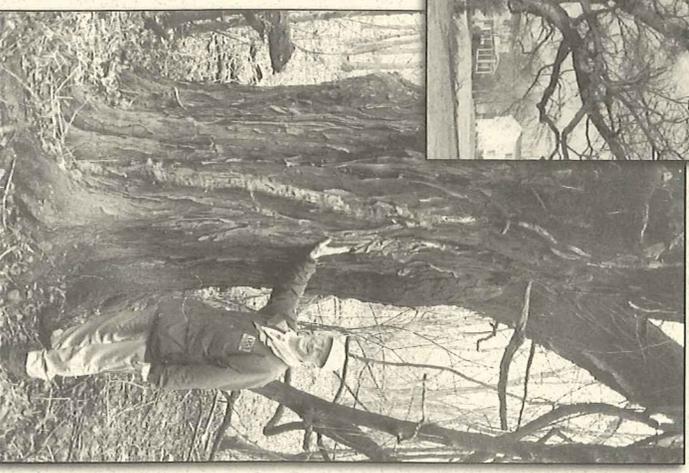
- Cherry Weeping** - *Prunus subhirtella* 'pendula'
104 52 64 172 NCC
Kensington Ralph Coan Dave Honchalk
- Chestnut American** - *Castanea dentata*
31.5 59 28 98 *
Germantown Barbara Knapp Douglas Boucher

- Chestnut Chinese** - *Castanea mollissima*
89 61 77 169 *
Gaithersburg Robert & Jody Ellis Dan & Eydie Searles

- Cottonwood** - *Populus deltoides*
124 100 80 244 * NCC
Rockville Kathleen & Lowell Nelson Kathleen & Lowell Nelson



"Goshen Elm", State
Champion English Elm
(*Ulmus procerus*) and
Maryland's Millennium
Tree



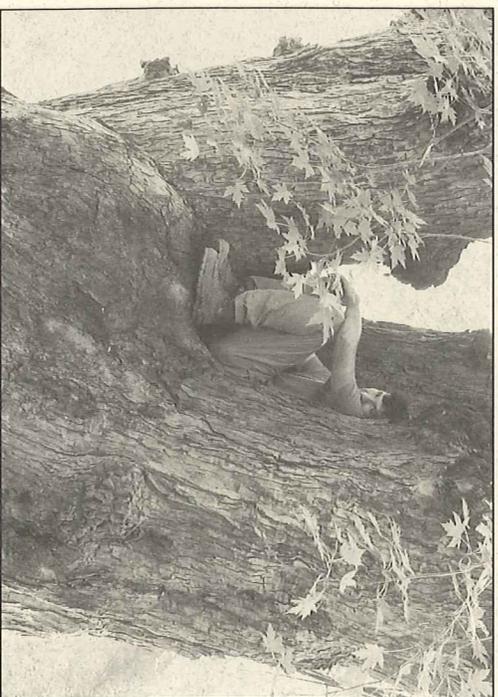
Champion Tree
Contest Founder
and Forestry
Board member
Joe Howard
appreciating the
County Champion
honeylocust
(*Gladiata triacanthos*).

Cryptomeria - <i>Cryptomeria japonica</i> 52 54 20 111 * SC Potomac Ted & Mary Nelson Ted & Mary Nelson	Cypress - <i>Chamaecyparis parisi</i> 120 100 40 230 * Gaithersburg Jack Shumacher Jack Shumacher	Devil's Walking Stick - <i>Aralia spinosa</i> 14 18 16 36 * Former SC Rockville Mrs. William Barfield Joe Howard	Dogwood Flowering - <i>Cornus florida</i> 48 25 33 81 * Silver Spring Barbara Allen Barbara Allen	Dogwood Kousa - <i>Cornus kousa</i> 66 34 37 109 * RC Potomac Nancy & Tom Madden Nancy & Tom Madden	Dove Tree - <i>Davidia involucrata</i> 40 38 20 83 NCC Chevy Chase Outdoor Nursery School Barbara Hutchinson	Elm American - <i>Ulmus americana</i> 198 116 133 347 * Bethesda Maynard Eicher Maynard Eicher	Elm Chinese - <i>Ulmus parvifolia</i> 96 77 49 185 * Bethesda Society of American Foresters Joe Howard	Elm English "Goshen Elm" - <i>Ulmus procera</i> 232 97 94 353 * SC, EA Gaithersburg MCDPWT and MNCPCC Steven Zepnick	Elm Scotch - <i>Ulmus glabra</i> 201 90 78 311 * SC Rockville City of Rockville Steve Mader	Elm Siberian - <i>Ulmus pumila</i> 162 67 84 250 NCCC Silver Spring Liz Berbaicos Bill Dingus	Elm Siberian - <i>Ulmus pumila</i> 137 91 82 249 CCC Chevy Chase Bruce A. Russell/Jean E. Shorett Bruce A. Russell/Jean E. Shorett	Fir Douglass - <i>Pseudotsuga menziesii</i> 134 71 50 218 * SC EA Gaithersburg St. Rose of Lima Church St. Rose of Lima Church	Fir Grand - <i>Abies grandis</i> 112 102 48 226 * SC Olney Phil & Karen Saba Phil & Karen Saba	Fir Nordmann - <i>Abies nordmanniana</i> 109 60 58 184 * EA Derwood, Ag. History Farm Park MNCPCC
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"When we plant a tree, we are doing what we can to make our planet a more wholesome and happier dwelling-place for those who come after us if not for ourselves."

- Oliver Wendell Holmes

Franklinia - <i>Franklinia altamaha</i> 26 27 35 62 * SC Brookville, Brighton Dam WSSC Jim Benton	Fringetree - <i>Chionanthus virginicus</i> 37 15 17 56 * SC Silver Spring Harold Winters Harold Winters	Fringetree Chinese - <i>Chionanthus retusus</i> 48 45 48 105 NCC SC Chevy Chase Outdoor Nursery School Barbara Hutchinson	Ginkgo - <i>Ginkgo biloba</i> 184 73 62 273 * EA Poolsville Nancy I. Fost Nancy I. Fost	Glorybower Harlequin - <i>Clerodendrum trichotomum</i> 24 30 28 61 * Chevy Chase Frank Broulik Frank Broulik	Golden Rain Tree - <i>Koeleruteria paniculata</i> 63 87 48 162 * SC Kensington T.J. & Julie O'Malley T.J. & Julie O'Malley	Gum Black - <i>Nyssa sylvatica</i> 179 86 88 287 * SC Sandy Spring Catherine Farquhar Helen Farquhar	Hackberry - <i>Celtis occidentalis</i> 216 87 83 324 * Boys John Windolph
---	---	--	---	--	--	--	---



Marco Fuster shelters in the County Champion silver maple (*Acer saccharinum*,) the 9th largest known tree in Montgomery County.

Hemlock Carolina - *Tsuga caroliniana*
42 38 24 86 * tag 4875
Bethesda NIH

Lynn Mueller

Hemlock Eastern - *Tsuga canadensis*
129 115 58 259 *
Ashton

Orris Minar

Hickory Bitternut - *Carya cordiformis*
114 148 70 280 *
Northwest Branch Park

John Parrish

Hickory Mockernut - *Carya tomentosa*
96 120 52 229 NCC *
Silver Spring Alan Reffkin

Alan Reffkin

Hickory Pignut - *Carya glabra*
121 108 52 242 *
Matthew Henson State Park

John Parrish

Hickory Shagbark - *Carya ovata*
85 105 60 205 * NCC
Blackhouse Point Park

John Parrish

Hickory Shagbark - *Carya ovata*
118 67 60 200
Chevy Chase Bill Mills

Bill Mills

FOREST COVER IN MONTGOMERY COUNTY

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

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

Holly American - *Ilex opaca*
98 58 40 166 *
Bethesda FASEB

Honeylocust - *Gleditsia triacanthos*
168 79 76 266 *
Gaithersburg, Great Seneca SVP

Susan Nolte

Horsechestnut - *Aesculus hippocastanum*
174 98 77 291 *
Dickerson W. S. Farr Family

W. S. Farr Family

Katsura - *Katsura japonica*
140 66 62 222 *
Rockville Rockville Cemetery

Steve Mader

Katsura - *Cercidiphyllum japonicum*
48 38 31 94 *
Bethesda Ted Leinwand & Joan Goldberg

Ted Leinwand & Joan Goldberg

Kentucky Coffeetree - *Gymnocladus dioica*
168 100 60 283 *
Brookville Nicholas Weber

Nicholas Weber

Laurel Mountain - *Kalmia latifolia*
18 20 20 43 *
Potomac, Rock Run Stream Valley

TPC Avenel

Marco A. Fuster

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

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

Linden Little Leaf - *Tilia cordata*
252 80 66 349 * SC
Kensington Alex Apostolou

Alex Apostolou

Linden Silver Pendant - *Tilia petiolaris*
172 85 77 276 * SC
Dickerson, Wilbur Farm Missy Lancker

Linda Pepe

Locust Black - *Robinia pseudoacacia*
156 90 70 264 NCC
Boys Michael Rusin

Joe Howard

Magnolia Cucumber - *Magnolia acuminata*
112 102 44 225 *
Silver Spring Catherine Farquhar

Helen Farquhar

Magnolia Cucumber - *Magnolia acuminata*
104 106 40 220
Muddy Branch Park MNCPPC

John Parrish

Magnolia Kobus - *Magnolia kobus*
84 32 37 125 * SC
Silver Spring Connie Greene

John Parrish

Magnolia Saucer - *Magnolia soulangeana*
113 28 52 154 NCC
Boys Lois Donlin

Victor Pepe

Magnolia Southern - *Magnolia grandiflora*
 125 56 35 190 *
 Silver Spring Kathy Williams

Magnolia Sweetbay - *Magnolia virginiana*
 32 36 20 73 * EA
 Wheaton, Brookside Gardens MNCPPC Philip Normandy

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

Maple Norway - *Acer platanoides*
 160 83 85 264 *
 Silver Spring Robert & Ann Middleton Robert & Ann Middleton

Maple Paperbark - *Acer griseum*
 48 46 33 102 * SC EA
 Wheaton, Brookside Gardens MNCPPC David Vismara

Maple Red - *Acer rubrum*
 216 75 97 315 * SC EA
 Silver Spring St. John the Baptist Catholic Church Eileen Straughan

Maple Silver - *Acer saccharinum*
 253 90 80 363 *
 Dickerson C+O Canal, NPS Dominic Quattrochi

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

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

Mimosa - *Albizia julibrissin*
 123 36 71 177 *
 Poolsville Christine Taylor Catherine Wolfrey

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

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

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

Mulberry White - *Morus alba*
 205 58 79 283 *
 Silver Spring Smalls Nursery Ltd. Partnership

Musclewood/Hornbeam - *Carpinus carolinia*
 55 38 45 104 *
 Gaithersburg Natelli Communities/ Lakelands

Oak Black - *Quercus velutina*
 207 107 72 332 CCC
 Northwest Branch Park MNCPPC John Parrish

Oak Black - *Quercus velutina*
 162 131 138 328 NCCC
 Chevy Chase Outdoor Nursery School Barbara Hutchinson

Oak Blackjack - *Quercus marilandica*
 83 64 52 160 * EA NCC
 Wheaton Veterans Park MNCPPC John Parrish

Oak Basket - *Quercus Michauxii*
 105 86 64 207 NCC
 Blockhouse Point Park MNCPPC John Parrish

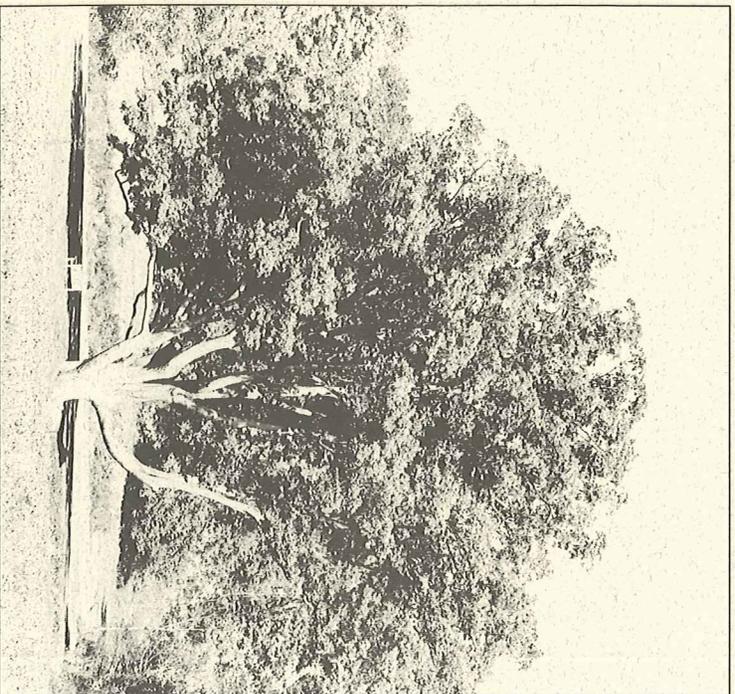
Oak Basket - *Quercus Michauxii*
 96 97 48 205 Cochamp
 C+O Canal NPS John Parrish

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

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

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

Oak Northern Red - *Quercus rubra*
 186 114 88 322 * NCC
 Bethesda Roger & Debra Levin Vince Berg



Following the loss in 2002 of the long-standing National Champion Wye Oak, the current County Champion "Flora's Oak" is now a co-State Champion white oak (*quercus alba*.)

Tree Age Estimation based on Trunk Diameter

Multiply approximate factor by tree's diameter at breast height (DBH) in inches to get approximate age.

(Arbor Age, R. Bruce Allison)

Tree	Factor
Maple, Red	4.5
Maple, Silver	3
Birch, River	3.5
Birch, White	5
Beech, American	6
Walnut, Black	4.5
Tulip tree	3
Sweetgum	4
Pine, White	5
Sycamore	4
Pear, Bradford	3
Oak, White	5
Oak, Northern red	4
Linden, Little leaf	3
Elm, American	4

Oak Swamp White - *Quercus bicolor*

205 105 85 331 *
Silver Spring, NW Branch SVP MNCPPC John Parrish

Oak Water - *Quercus nigra*

132 80 92 235 * SC Joe Howard
Chevy Chase Polly Strum

Oak White - *Quercus alba*

267 96 119 393 * State CoChamp
Barnesville Victor & Linda Pepe Victor & Linda Pepe

Oak Willow - *Quercus phellos*

216 94 115 339 * NCC
Silver Spring Kelly Traw Pure Energy Real Estate Team

Osage Orange - *Machera pomifera*

149 64 57 227 *
Gaithersburg Seneca Creek State Park Joe Howard

Paulownia - *Paulownia tomentosa*

164 74 73 256 * NCC
Gaithersburg Summit Hill Farm Park Frances Kellerman

PawPaw - *Asimina triloba*

26 48 17 78 * NCC SC
Carderock C+O Canal Billy Goat Trail NPS John Parrish

Pear Bradford - *Pyrus calleryana*

95 56 50 164 *
Potomac U.S. Postal Service, Bolger Center

Pecan - *Carya illinoensis*

136 83 59 234 *
Chevy Chase John Wigglesworth John Wigglesworth

Persimmon - *Diospyros virginiana*

60 50 54 124 *
Potomac Fred and Cathleen Morser

Tree Age Estimation based on Trunk Diameter

Multiply approximate factor by tree's diameter at breast height (DBH) in inches to get approximate age.

(Arbor Age, R. Bruce Allison)

Tree	Factor
Maple, Red	4.5
Maple, Silver	3
Birch, River	3.5
Birch, White	5
Beech, American	6
Walnut, Black	4.5
Tulip tree	3
Sweetgum	4
Pine, White	5
Sycamore	4
Pear, Bradford	3
Oak, White	5
Oak, Northern red	4
Linden, Little leaf	3
Elm, American	4

Oak Overcup - *Quercus lyrata*

152 102 210 307 * NCC SC John Parrish
C+O Canal Bear Island NPS

Oak Oriental Cork - *Quercus variabilis*

105 92 100 222 * SC
Chevy Chase Outdoor Nursery School, Inc

Oak Pin - *Quercus palustris*

159 101 66 277 * John Parrish
Silver Spring, NW Branch SVP MNCPPC

Oak Post - *Quercus stellata*

143 72 94 239 * John Parrish
Chevy Chase Village of Chevy Chase

Oak Scarlet - *Quercus coccinea*

184 88 90 295 * Lore B. Kairys
Bethesda Gladys Millar

Oak Shingle - *Quercus imbricaria*

157 111 76 287 * SC Andrew Vernor, Doug Setters
Sandy Spring Henry & Elizabeth Hyde

Oak Shumard - *Quercus shumardii*

237 80 96 341 * NCC SC Lou Aronica
Glen Echo C+O Canal NPS

Oak Southern Red - *Quercus falcata*

206 95 105 327 * NCC Jim Harris
Potomac Susan Kryz & Ken Boocam

Oak Swamp White - *Quercus bicolor*

205 105 85 331 *
Silver Spring, NW Branch SVP MNCPPC John Parrish

Oak Water - *Quercus nigra*

132 80 92 235 * SC Joe Howard
Chevy Chase Polly Strum

Oak White - *Quercus alba*

267 96 119 393 * State CoChamp
Barnesville Victor & Linda Pepe Victor & Linda Pepe

Oak Willow - *Quercus phellos*

216 94 115 339 * NCC
Silver Spring Kelly Traw Pure Energy Real Estate Team

Osage Orange - *Machera pomifera*

149 64 57 227 *
Gaithersburg Seneca Creek State Park Joe Howard

Paulownia - *Paulownia tomentosa*

164 74 73 256 * NCC
Gaithersburg Summit Hill Farm Park Frances Kellerman

PawPaw - *Asimina triloba*

26 48 17 78 * NCC SC
Carderock C+O Canal Billy Goat Trail NPS John Parrish

Pear Bradford - *Pyrus calleryana*

95 56 50 164 *
Potomac U.S. Postal Service, Bolger Center

Pecan - *Carya illinoensis*

136 83 59 234 *
Chevy Chase John Wigglesworth John Wigglesworth

Persimmon - *Diospyros virginiana*

60 50 54 124 *
Potomac Fred and Cathleen Morser

Useful Tree-related Websites

Montgomery County Forestry Board
www.mcmdforestryboard.org

Maryland National Capital Park and Planning Commission
www.mc-nncppc.org

Maryland Cooperative Extension Service UoM/D
www.agnu.umd.edu/users/hytc

Maryland Department of Natural Resources
www.dnr.state.md.us

Maryland State Association of Forest Conservancy Districts
www.mdforest.sailorsite.net

Maryland Forests Association
www.mdforest.sailorsite.net

American Forest Association
www.americanforest.org

Maryland Native Plant Society
www.mdflora.org

National Arbor Day Foundation
www.arborday.org

Pine Austrian - *Pinus nigra*
100 50 53 163 *
Silver Spring Woodland Horse Center

Pine Himalayan - *Pinus scallichiana*
27 38 36 74 * NCC
Washington Grove Town of Washington Grove John McCattman

Pine Loblolly - *Pinus taeda*
86 93 36 188 * EA
Chey Chase MNCPPC Meadowbrook Stables Joe Howard

Pine Pitch - *Pinus rigida*
94 77 52 184 * RC
Washington Grove Town of Washington Grove John Bradfield

Pine Ponderosa - *Pinus ponderosa*
38 37 25 81 * SC
Germanstown Lucy Alexander

Pine Red - *Pinus resinosa*
75 80 30 163 * SC
Olney Olney Golf Center John Parrish

Pine Short leaf - *Pinus echinata*
80 96 26 183 * SC
Potomac Village of Greenbrier Estates John Parrish

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

Pine Table Mountain - *Pinus pungens*
61 83 19 149 CoChamp
NorthWest Branch Park MNCPPC John Parrish

Pine Virginia - *Pinus virginiana*
88 79 55 181 *
Germanstown Butler's Orchard George Butler

Pine White - *Pinus strobus*
140 107 51 260 * SC EA
Darnestown Darnestown Presbyterian Church Henry Postel

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

Rain Tree Golden - *Koeleria paniculata*
63 87 48 162 * SC
Kensington T.J. & Julie O'Malley T.J. & Julie O'Malley

Redbud - *Cercis canadensis*
101 30 36 140 New National Champ
Rockville, Rt 28/1270 S Ramp MD SHA Marco A. Fuster

Redwood Dawn - *Metasequoia glyptostroboides*
134 97 40 241 * NCC
Kensington Anne Banville Jim Harris

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

Serviceberry - *Amelanchier arborea*
26 51 23 83 *
Boyd's Jim & Peg Coleman Jim & Peg Coleman

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

Sourwood - *Oxydendrum arboreum*
40 60 32 108 *
Silver Spring Margaret Madert John Parrish

Spruce Blue - *Picea pungens*
77 48 22 131 *
Damascus M. E. Friel

Spruce Norway - *Picea abies*
146 69 37 224 *
Sandy Spring Woodlawn Manor MNCPPC

Sweetgum - *Liquidambar styraciflua*
127 97 77 243 *
Ashton Orris Minar Orris Minar

Sycamore - *Platanus occidentalis*
250 123 125 404 *
Dickerson Conservation Park MNCPPC Carole Bergmann

Sycamore - *Platanus occidentalis*
242 132 114 403 CoChamp
McKee Beshers WMA State of Maryland Andre Magnusson

Tuliptree/Yellow Poplar - *Liriodendron tulipifera*
293 110 82 424 *
Brookeville Manor Oaks Subdivision Dominic Quattrochi

Viburnum Blackhaw - *Viburnum prunifolium*
56 21 28 84 * SC
Silver Spring Otto Atzert John Parrish

Walnut Black - *Juglans nigra*
172 94 82 287 * NCC
Olney Mont. General Hospital Thrift Shop Donna Will

Willow Black - *Salix nigra*
59 54 61 128 * tag 2179
Bethesda NIH Lynn Mueller

Willow Weeping - *Salix babylonica*
157 70 52 240
Bethesda NIH Joe Howard

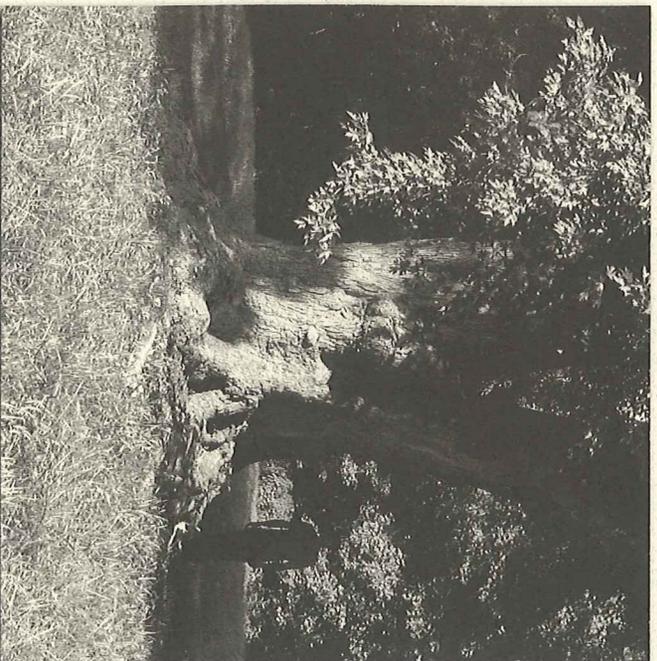
Willow White - *Salix alba*
87 62 47 161 *
Quince Orchard Owner unidentified Joe Howard

Yellowwood - *Cladrastis lutea*
108 70 55 192 * EA
Silgo Creek Pkwy MNCPPC John Parrish

Zelkova - *Zelkova serrata*
99 54 82 174 *
Bethesda NIH Edward Russell

TEN LARGEST KNOWN TREES IN MONTGOMERY COUNTY:

Common Name Location	Genus	Species	Circum. (")	Height (')	Crown (')	Total
1. Tuliptree/Yellow Poplar Brookville, north portion of Manor Oaks subdivision	<i>Liriodendron</i>	<i>tulipifera</i>	293	110	82	424
2. Sycamore Dickerson Conservation Park	<i>Platanus</i>	<i>occidentalis</i>	250	123	125	404
3. Sycamore McKee Beshers WMA, 100 yds from C&O, upstream from Millepost 24	<i>Platanus</i>	<i>occidentalis</i>	242	132	114	403
4. White Oak Barnesville, Flora's Oak	<i>Quercus</i>	<i>alba</i>	267	96	119	393
5. Tuliptree/Yellow Poplar Sandy Spring, Sandy Spring Friends Meetinghouse Cemetery	<i>Liriodendron</i>	<i>tulipifera</i>	240	121	101	387
6. Linden European Silver Spring	<i>Tilia</i>	<i>europaea</i>	269	87	70	374
7. Sycamore Brookville	<i>Platanus</i>	<i>occidentalis</i>	225	124	92	372
8. Sycamore Silver Spring, NE corner of Lexington Dr Lot	<i>Platanus</i>	<i>occidentalis</i>	245	100	100	370
9. Maple Silver C+O Canal Lock 26	<i>Acer</i>	<i>saccharinum</i>	253	90	80	362
10. Elm English Gaithersburg "Goshen Elm" Maryland's Millennium Tree	<i>Ulmus</i>	<i>procera</i>	232	97	94	353



Silver Maple
(*Acer saccharinum*)

GIVE A TREE A BREAK TODAY

Invasive Species Control

Certain invasive exotic plants can be a menace to the health of trees.

You can easily do your part by learning to recognize such problem plants including English ivy, porcelain berry, Japanese honeysuckle, kudzu, and Asian tearthumb and then removing these plants from trees when you see them creeping up the trunks or growing nearby. Forestry Board member Carole Bergmann established and runs Montgomery County's renowned Weed Warriors Program (www.mc-mncppc.org/Environmental/weed_warriors). Also check out www.invasivespecies.gov or www.mdflora.org for more information on invasive plant identification.

Visit a Montgomery County Big Tree

- **White Oak (*Quercus alba*)**
The Linden Oak, Route 355 and Beach Drive, Rockville. This tree is estimated to be between 275 and 325 years old. It was a sapling when George Washington was considering cutting down a cherry tree
- **Tuliptree (*Liriodendron tulipifera*)** Sandy Spring Friends Meeting House, Sandy Spring. A stately tuliptree in the cemetery adjacent to the historic meetinghouse. Directions: From MD Route 108 (Olney Sandy Spring Road), go south on Meeting House Road. Meetinghouse and cemetery are on the left.
- **Silver Maple (*Acer saccharinum*)** Impressive tree along the C+O Canal. Scenic Potomac River is adjacent to this peaceful and historic setting near Mile Marker 40 on the Canal, adjacent to Lock 26. Parking access at Dickerson Conservation Park off of Martinsburg Road. From this point, the silver maple is approximately a one mile walk down river.

The Montgomery County Forestry Board Members:

Jim Coleman, President, Boyds
Damon Hartley, Maryland Department of Natural Resources Project Forester
Jim Benton, Washington Suburban Sanitary Commission (WSSC)
Carole Bergmann, Maryland-National Capital Park & Planning Commission (MNCPPC)
Jim Harris, Wood Acres Tree Service
Dave Horchalk, Montgomery County Public Schools
Joe Howard, Silver Spring
Daniel Landry, Potomac Electric Power Company (PEPCO)
Brett Linkletter, City of Takoma Park
Jay McRoberts, Dickerson
Susan Nolde, City of Rockville
Linda Pepe, Barnesville
David Plummer, Montgomery Soil Conservation District
Dominic Quattrocchi, Maryland-National Capital Park & Planning Commission (MNCPPC)
Joe Rice, Damascus
Pete Stadler, Stadler Nursery
Greydon Tolson, Dickerson
Guy Turenne, Montgomery County Department of Public Works and Transportation

Special Thanks go to

- ☞ **Joe Howard**, MCFB, for founding Montgomery County's champion tree program and his tireless commitment to its growth and success.
- ☞ **Dominic Quattrocchi**, MNCPPC, MCFB, for compiling the champion tree Registry database, and providing photographs and text.
- ☞ **Linda Pepe**, MCFB, for her enthusiasm and dedication in originating Montgomery County's Big Tree Booklet and getting it to press.
- ☞ **John Parrish** for another banner season of Big Tree Nominations and seasoned taxonomic identification
- ☞ **Jim Will** for designing and printing the champion tree certificates.

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You Can Nominate a Champion Tree

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

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

Tree Species: _____

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

Tree Location: _____

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

Height (feet) _____ Spread (feet) _____

Owner of Tree (if known): _____

Nominator Name: _____

Address: _____

Phone: _____ Today's Date: _____

How is A Tree Measured?

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

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

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

Mail this completed form to:

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