

Early Detection Species for Central MD



E D R R

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MD DNR Natural
Resources Program
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301-948-8243



Mimosa

Albizia julibrissin

David J. Moorhead,
University of Georgia,
Bugwood.org



James H. Miller, USDA Forest Service, Bugwood.org





5391892

John M. Randall, The Nature Conservancy, Bugwood.org

Japanese angelica



5497636

Aralia elata

Flowers: *Aralia spinosa*.
By Steven Baskauf. © 2016
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T. Davis Sydnor, The Ohio State University, Bugwood.org



Will Cook, CarolinaNature.com



Devil's walking stick **NATIVE**

Will Cook, CarolinaNature.com



5497634



Photo by Judy Fulton 2016



Photo by Bill Hubick, Maryland Biodiversity Project



Chuck Bargeron, University of Ga, Bugwood.org

UGA1237044



Karan A. Rawlins, Univ. of Ga, Bugwood.org

Chris Evans, University of Illinois, Bugwood.org



Melia azedarach



5424036

Franklin Bonner, USFS (ret.), Bugwood.org



Anne Murray, Univ. of FL/IFAS Center for Aquatic and Invasive Plants

Chinaberry
Melia azedarach
Photo by Anne Murray
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Ronald F. Billings, Texas A&M Forest Service, Bugwood.org



James H. Miller, USDA Forest Service, Bugwood.org

UGA2307034



5345072

David J. Moorhead, University of Georgia, Bugwood.org

Chinaberry



UGA5302030



UGA5005003

Chuck Bargeron, University of Ga, Bugwood.org

White mulberry

Morus alba



Robert Vidéki, Doronicum Kft, Bugwood.org



1550142

John Cardina, The Ohio State University, Bugwood.org

Paper mulberry

Broussonetia papyrifera



Chuck Bargeron, University of GA, Bugwood.org



UGA2308107



Karan A. Rawlins, University of Georgia

5428384

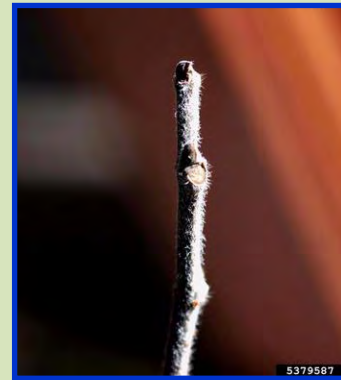


Ohio State Weed Lab, The Ohio State University, Bugwood.org



5397622

Robert Vidéki, Doronicum Kft, Bugwood.org



5379587

James H. Miller, USDA Forest Serv., Bugwood.org



5428385



Red mulberry
NATIVE

5469694

David Stephens, Bugwood.org



Rebekah D. Wallace, UGA. Bugwood.org



5349036

Amy Richard, University of Florida, Bugwood.org

Amur corktree

Phellodendron amurense



Leslie Mehrhoff, University of Conn, Bugwood.org



Chris Evans, University of Illinois, Bugwood.org



Patrick Breen, Oregon State University, Bugwood.org



Richard Webb, Bugwood.org



Richard Webb, Bugwood.org



Bee bee tree

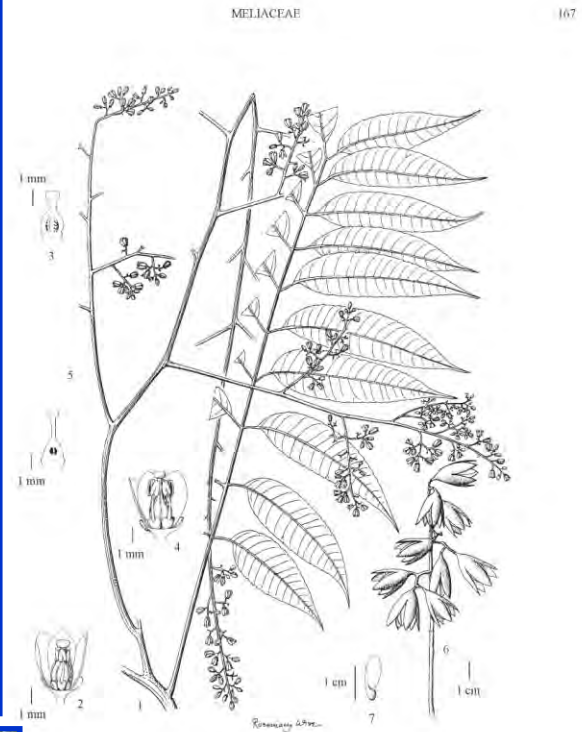
Tetradium daniellii



All photos courtesy of
Pat Breen, Oregon
State University

Chinese toon

Toona sinensis



Page reproduced from Flora of China



Butterfly bush

Buddleja davidii



Rebekah D. Wallace, University of Georgia, Bugwood.org

Robert Videki, Doronicum Kft.,
Bugwood.org



Other photos by Leslie J. Mehrhoff, University of Connecticut, Bugwood.org

5452025

Scotch broom

IPAC Tier 2
proposed

Cytisus scoparius



Eric Coombs, Oregon Dept of Agriculture, Bugwood.org



Leslie J. Mehrhoff, University of Connecticut, Bugwood.org



Gil Wojciech, Polish Forest Research Institute



Robert Vidéki, Doronicum Kft., Bugwood.org

Common and glossy buckthorn



Rhamnus cathartica



*Frangula
alnus*

Leslie J. Mehrhoff, University of
Connecticut, Bugwood.org



Leatherleaf mahonia

*Mahonia
bealei*

All other photos by Nancy Loewenstein,
Auburn University, Bugwood.org L



Robert Videki,
Doronicum Kft.,
Bugwood.org



Nancy Dagley, USDI National Park Service, Bugwood.org



James H. Miller, USDA
Forest Service,
Bugwood.org

**IPAC Tier 2
proposed**



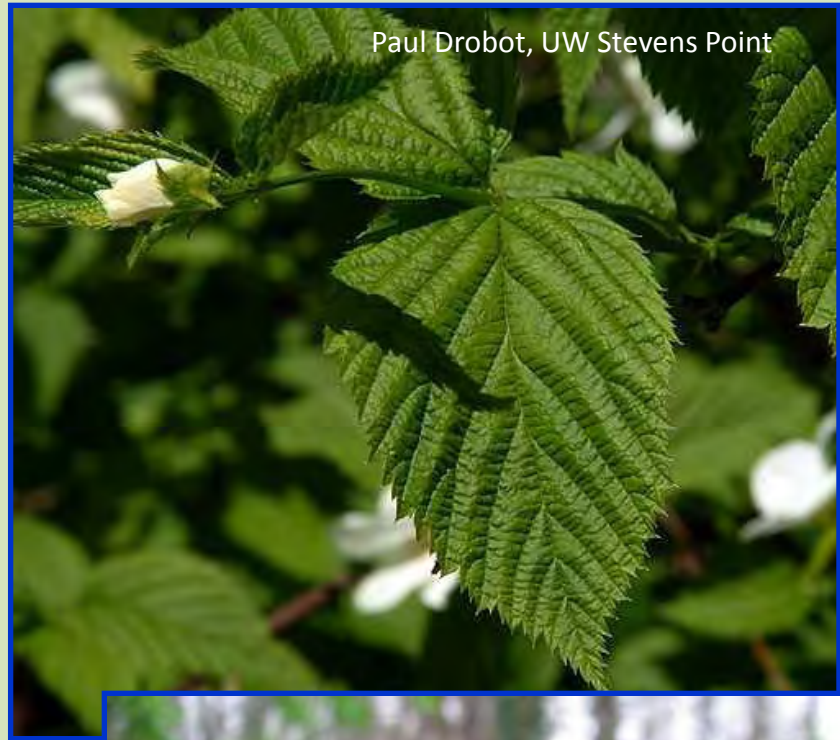
*Nandina
domestica*



Heavenly bamboo

Jetbead

Rhodotypos scandens



Gary Fleming, VA DCR



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www.discoverlife.org



Linden
viburnum
*Viburnum
dilatatum*



Doug Manning, NPS, Bugwood.org



<http://viburnum.com/viburnum-dilatatum-linden-viburnum/>

Chocolate vine

Akebia quinata

Nancy Loewenstein, Auburn University, Bugwood.org

James H. Miller, USDA Forest Service, Bugwood.org



Leslie J. Mehrhoff,
University of
Connecticut,
Bugwood.org

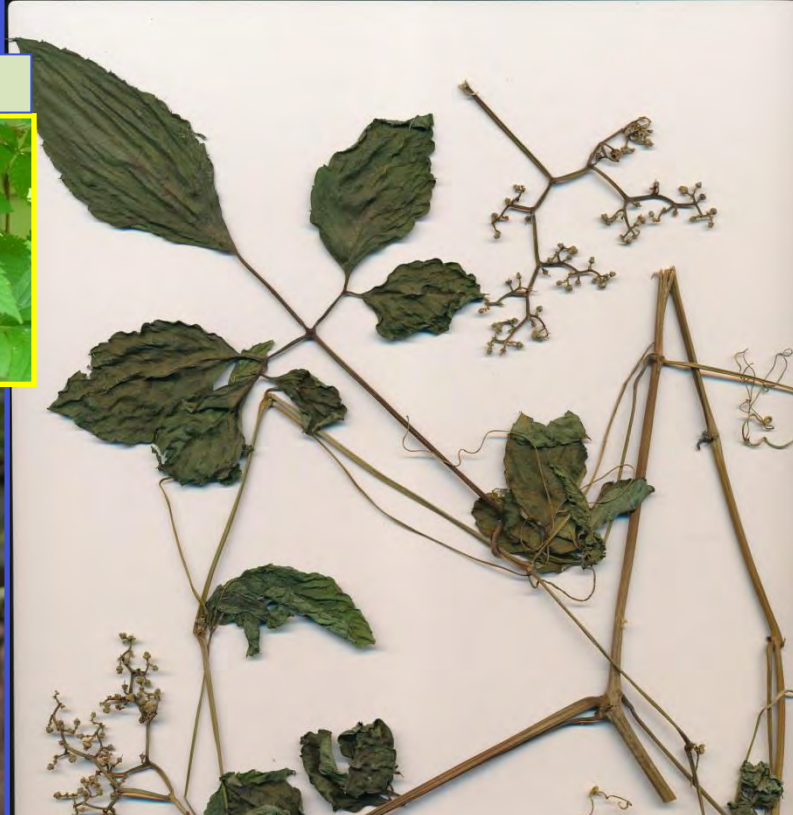


Photo courtesy of
Kate Traut;
infestation in PG
County

Bushkiller

Cayratia japonica

Native Virginia creeper



Photos 2, 4 and 6: Robert J. Richardson, North Carolina State Univ, Bugwood.org

Photos 1, 3 and 5: Peter Stango, MD DNR Natural Heritage Program

UGA210564

Pale Swallow-wort

Cynanchum rossicum



Mid West Invasive Plant Network, mipn.org



The Nature Conservancy Weeds - UC Davis



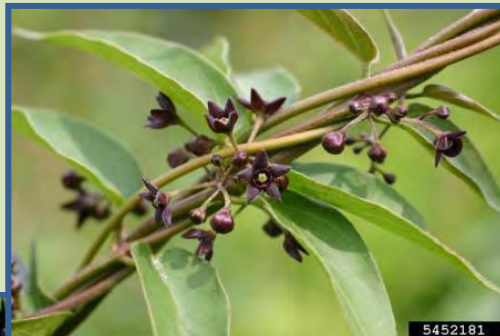
Natural Areas Notebook, oaklandnaturalareas.com



Kristine Averill, Cornell University

Black Swallow-wort

Cynanchum louiseae



5452181

Leslie J. Mehrhoff, University of Connecticut, Bugwood.org



Peter Oehlkers, smilingpond.blogspot.com



imgA5275020



University of Wisconsin, D. Eagan



Mass Audubon, massaudubon.org

Images from original slide courtesy of Marion Orlousky, ATC

James H. Miller, USDA
Forest Service,
Bugwood.org



UGA2307129



Kimberly Booth 7/27/14



5421977



UGA5330041

James H. Miller, USDA Forest
Service, Bugwood.org

Cinnamon vine *Dioscorea polystachya*



5427529

Chris Evans, Illinois Wildlife Action Plan, Bugwood.org



UGA2120016



Kimberly Booth 7/27/14



Native wild yam

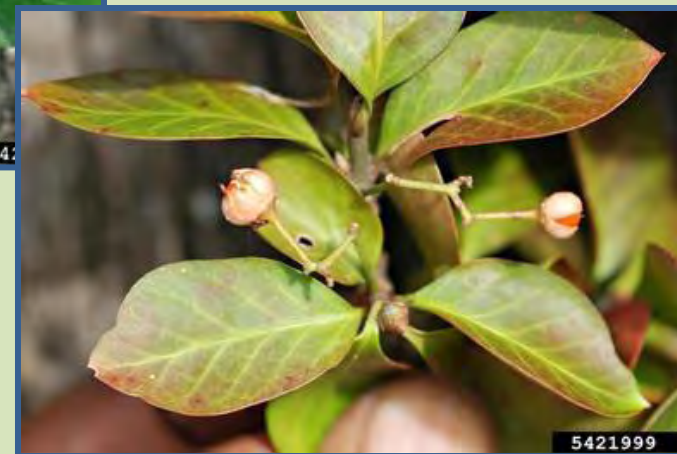
Wintercreeper

Euonymus fortunei



James H. Miller, USDA Forest Service, Bugwood.org

**IPAC Tier 1
proposed**



Japanese hop

Humulus japonicus



Native lookalike
Virginia creeper

Lords and Ladies



Photo courtesy of Missouri Botanic Garden



Photo courtesy of Missouri Botanic Garden



Photo courtesy of Missouri Botanic Garden



Photo courtesy of Carole Bergmann, MNCPPC

Arum italicum



Photo courtesy of American Meadows

Poison hemlock

Conium maculatum



Linh Phu,
MD DNR



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Native lookalike elderberry

© K.L. Kyde

Cogon grass

Imperata cylindrica

Karan A. Rawlins, University of Georgia, Bugwood.org

Chris Evans, Illinois Wildlife
Action Plan, Bugwood.org



John D. Byrd, Mississippi State Univ.,
Bugwood.org

<http://www.cogongrass.org/cogongrassid.pdf>



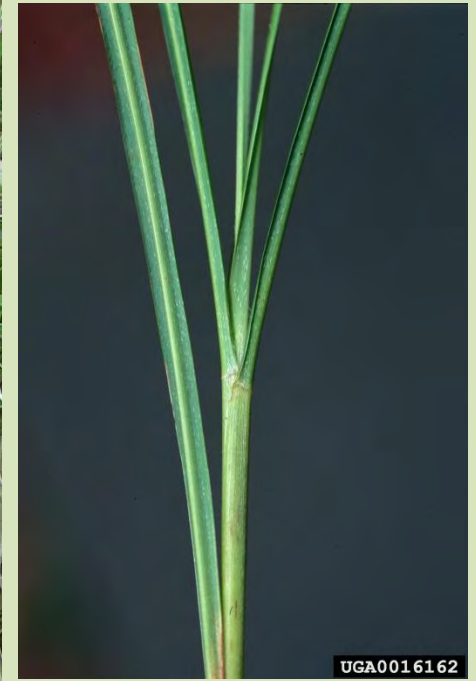
Charles T. Bryson, USDA
ARS, Bugwood.org

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Mark Atwater, Weed Control Unlimited, Inc., Bugwood.org

Britt Slattery, US Fish & Wildlife Service,
Bugwood.org



UGA0016162

James H Miller, USDA Forest Service, Bugwood.org



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James H Miller,
USDA Forest Service,
Bugwood.org

Chinese silvergrass

*Miscanthus
sinensis*



UGA1346078



UGA1346076

Waterwheel

Aldrovanda vesiculosa



All photos courtesy of Robert Floyd, Colorado State University, CEMML

Alligatorweed

Alternanthera philoxeroides



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John Hall, Norton-Brown
Herbarium, UMD



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Larry Allain, hosted by the USDA-NRCS
PLANTS Database



John Hall

John Hall, Norton-Brown Herbarium, UMD

Water hyacinth

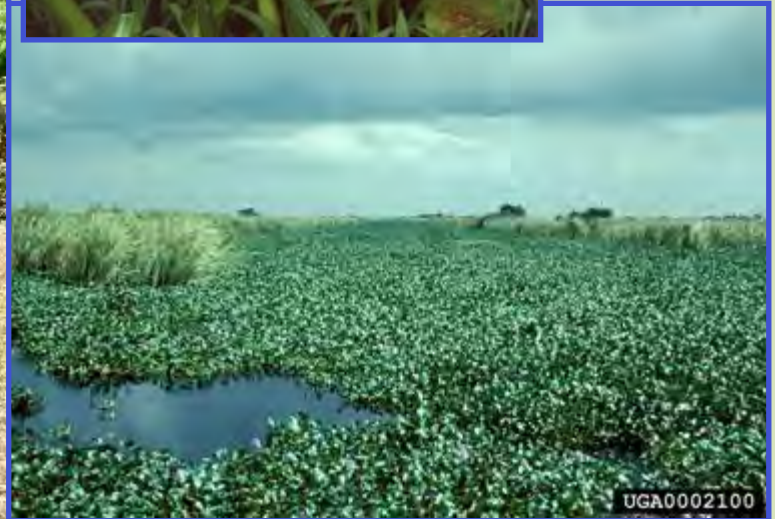
Eichhornia crassipes



Leslie J. Mehrhoff,
University of
Connecticut,
Bugwood.org



Forest and Kim Starr, Starr
Environmental, Bugwood.org



Illey Durden, USDA Agricultural Research Service, Bugwood.org

All photos by Leslie J. Mehrhoff,
University of Connecticut, Bugwood.org



Native spatterdock, *Nymphoides peltata*

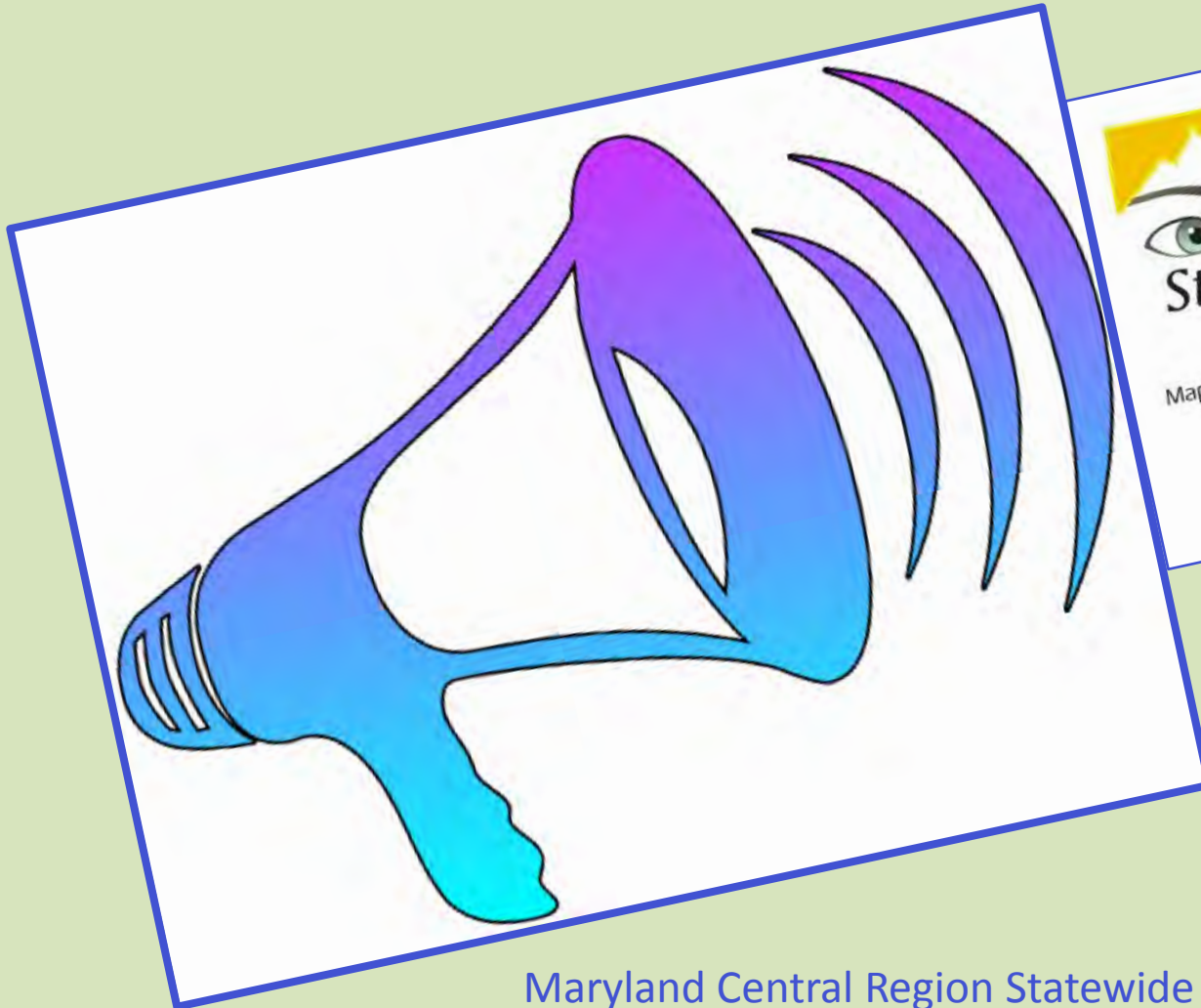
Photo by Jim Brighton, Maryland Biodiversity Project

Yellow floating heart

Nymphoides peltata

Go out and find 'em!

T H A N K S !



Kerrie Kyde

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