



THE STUMP

INFORMATION BY THE BOARD FOOT

DECEMBER 2009

NOT THE HOLE NEWS



Shortleaf pine
Pinus echinata

The only pine native to Missouri, shortleaf pine is a large tree with a mature height of 60 to 100 feet, long trunk and broad open crown. Appropriate for a large yard, and park plantings this tree has a medium to fast growth rate. Occurs naturally on dry upland with acid soils, but can grow in a wide range of conditions. It needs full sun to help maintain full needle cover. Needles are in fascicles of two and three, dark bluish-green, and three to five inches long.



Plant illustration modified from original by Dale Larson, Missouri Department of Conservation
Range map modified from USDA Forest Service
Silvics of North America Web site -
www.na.fs.fed.us/spfo/pubs/silvics_manual/Volume_1/pinus/echinata.htm

Times Change, So Does MDC

The Missouri Department of Conservation has been working on reducing staff and restructuring services provided to citizens for over a year. By July 1, 2011, the Department will have reduced staff by slightly over ten percent, mostly through voluntary retirements. With fewer people, the Department is refocusing resources on the areas where the most benefit to the Fish, Forests, and Wildlife of Missouri can occur.

This refocusing of efforts includes reducing on-site insect and disease diagnostic and one on one landscape counseling services to individual homeowners. With these changes, MDC Foresters (including myself) have many job duty modifications. We will continue to provide landscape counseling and diagnose issues over the phone, by samples brought to the office, emailed photos, and diagnostic clinics, but will not be able to visit individual homeowners with less than 10 acres of woodland. The exceptions to this are for potentially invasive insect or disease specie like Emerald Ash Borer and Sudden Oak Death; or to provide individual training to city staff, commercial arborists, nursery staff, others in grounds keeping or the green industry for example. This change creates an opportunity for a fee for service landscape counseling and diagnostic business.

With reductions in service in one area, come increased responsibilities in others. These changes will be transparent from your point of view in relation to the other services you have come to expect from me. As you note other service changes from others in the Department, please keep in mind tough decisions were made on what we could realistically do with the new staffing and funding levels.

Missouri Community Forestry Council 17th Annual Conference

This year's conference titled "Integrating Trees into Municipal Infrastructure" concentrates on how trees and municipal infrastructure can coexist. Topic titles include: *Greener Stormwater Solutions; Challenges on Missouri's Interstates; Innovative Low Impact Development Solutions; Using Trees In Stormwater Management Plans; and Green Initiatives From A Municipal Public Works Perspective* emphasize this. Other topics include EAB updates; soil moisture; tree inventory success; and others. Up to 15 ISA CEU's and SAF CFE's are anticipated.

Invite all city engineers, public works staffs, and consulting engineering companies you know to join you at the March 16-18, 2010 conference. Early Registration is \$160 and must be postmarked by January 15, 2010. New this year, online registration will be offered. Paper and online registration forms will become available December 28, 2009 at www.mocommunitytrees.com/whatsgoingon.html.

Sharpen Your Edge - Midwestern Chapter of ISA Conference



International Society of Arboriculture members and others interested in a great tree education opportunity should attend this February 17-19, 2010 conference in Columbia, MO. Topics include a pre-conference workshop on rope splicing by industry famous expert splicer and climber, Smilin' Rich Hattier; Climber's Corner with world renowned climbers and international competitors Mark Chisholm, Noel Boyer and Rich Hattier; an Utility Arboriculture tract covering utility response to federal regs, specialty equipment, on-site safety and disaster response trailers; an Urban Forestry tract with an i-Tree 3.0 update, and How to win friends and influence people-for trees; and fresh subjects covering marketing, new tree cultivars, trees and the law, Pears- invading the Midwest!, GIS, and new ISA certification rules.

Early registration of \$245 for ISA members (\$295 for non-members) must be postmarked by February 1, 2010. The registration form is available at www.mwisa.org. Up to 14 ISA CEU's are anticipated.

EAB University

Emerald Ash Borer is an established, invasive pest of all ash trees. There is an established population in SE Missouri. Michigan State University, The Ohio State University, and Purdue University are presenting EAB University to share all known information about this pest. Topics cover what EAB is, where it came from and is in the USA, its biology, current control methods and research, ash wood utilization, woodland management with ash gone, urban ash and tree population management, and public education efforts. These ten webcasts are free to all, but require registration. A few have already occurred but were recorded and are available online for playback. Learn more, register for sessions and view recorded sessions at www.emeraldashborer.info/eab_university.cfm.

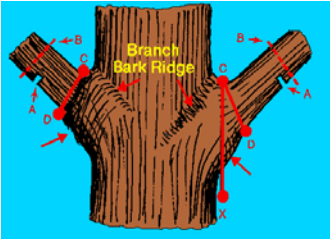
Web Site Review

The National Green Values™ Calculator is a tool for quickly comparing the performance, costs, and benefits of Green Infrastructure, or Low Impact Development (LID), to conventional stormwater practices. The GVC is designed to take you through a process of determining the average precipitation at your site, choosing a stormwater runoff volume reduction goal, defining the impervious areas of your site under a conventional development scheme, and then choosing from a range of Green Infrastructure Best Management Practices (BMPs) to find the combination that meets the necessary runoff volume reduction goal in a cost-effective way. Try it at <http://greenvalues.cnt.org/national/calculator.php>

How to Kill a Tree!

Topping is OK, it will invigorate a tree.

Of course the above is incorrect. Improper pruning only hurts a tree. Trees need leaves to survive. The leaves are where all of the conversion of solar energy into sugars the tree can use occurs. The reason it appears a tree is invigorated is due to the trees' need to get enough leaves to live. To do this, it must flush multiple fast growing



branches for the leaves to be on. This saps the trees energy stores and makes it susceptible to insect and disease attack. The topping wounds are difficult to grow over and open the entire tree to decay. The new branches are poorly attached and easily broken off making them dangerous to people and property. You can receive proper pruning information by contacting me (417-629-3423, jon.skinner@mdc.mo.gov).



December 1

Tree Pruning Workshop, Thiebaud Auditorium., 105 E. 11th St., Lamar, MO, 6:30 PM
Contact Jon Skinner (jon.skinner@mdc.mo.gov), 417-629-3423

December 2

“Incorporating Trees into Urban Rainwater Management Systems” webcast., Wildcat Glades Conservation and Audubon Center, 201 W. Riviera Dr., Joplin, MO, 9:30 AM. Registration Required. Contact Jon Skinner (jon.skinner@mdc.mo.gov), 417-629-3423

December 8

Tree Pruning Workshop, Lampo Bldg., 500 E. Spring St., Neosho, MO, 6:30 PM
Contact Jon Skinner (jon.skinner@mdc.mo.gov), 417-629-3423

December 10

MCFC State Meeting, MDC State Office, Jefferson City, MO, 10 AM Contact Justine Gartner (Justine.Gartner@mdc.mo.gov), 573-751-4115 Extn 3116.

December 19

ISA Certified Arborist Exam, Oklahoma City, OK, Registration Deadline December 3, 2009, Register at www.isa-arbor.com/certification/tests.aspx.

January 3 - 4

The Western trade Show, Overland Park, KS Registration and Information at www.wnla.org/attending_register_gen.vp.html.

January 13 - 15

2010 Kansas Shade Tree Conference, Topeka, KS, Information at www.kansasarborist.com/shadetree.aspx. Request an Registration form from charlesandlindalong@fhrd.net

January 20

Insect and Disease Workshop., Wildcat Glades Conservation and Audubon Center, 201 W. Riviera Dr., Joplin, MO, 9:00 AM Registration Required. ISA CEU's Anticipated. Contact Jon Skinner (jon.skinner@mdc.mo.gov), 417-629-3423.

February 9

ISA Certified Arborist Exam, Hulbert, OK, Registration Deadline January 22, 2009, Register at www.isa-arbor.com/certification/tests.aspx.

February 9

Tree Appraisal - What Is It Worth?., Springfield Conservation Nature Center, 4600 South Chrisman, Springfield, MO, 9:00 AM Registration Required. ISA CEU's pending. Register by calling 417-895-6880

February 17 - 19

Sharpen Your Edge - Midwestern Chapter of ISA Conference., Columbia, MO, Registration and Information at www.mwisa.org/mc/page.do?sitePageId=37767.

February 17

ISA Certified Arborist Exam, Columbia, OK, Registration Deadline February 2, 2009, Register at www.isa-arbor.com/certification/tests.aspx.



a wind has blown the rain away
and blown the sky away
and all the leaves away,
and the trees stand.
I think I too have known autumn
too long.

—e. e. cummings (1894–1962)

WHAT'S HAPPENING

“The Stump” web site:
<http://thestumpnewsletter.weebly.com>

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