



THE STUMP

INFORMATION BY THE BOARD FOOT

DECEMBER 2006

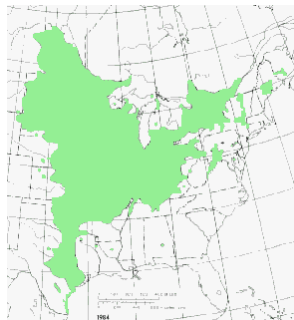
KNOT THE HOLE NEWS



bur oak

Quercus macrocarpa

Bur oak is a large tree with a mature height of 70 to 80 feet with a spread up to 100 feet. This tree is appropriate for medium to large yards, parks, and street side plantings with large boulevards. The specie does best on deep, rich, moist, well-drained soil but will grow almost anywhere. The huge size of mature trees are awe inspiring, providing a sense of timelessness in their presence. The leaves are variable in their shape depending on placement in the canopy. They can be deeply lobed to nearly no lobes present. The golf ball sized acorns are the only detrimental aspect of this tree.



Plant illustration modified from original by Dale Larison, 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_2/quercus/macrocarpa.htm

14th Annual Missouri Community Forestry Council Conference



"It's All About Trees" in Springfield, MO on January 24 - 25, 2007. This years conference is not only close but has a wide range of tree topics. Information to be presented includes "The Art of Selling Trees;" "I-Tree;" "What's New With Tree Cultivars;" "What is Effluent Water;" "Sudden Oak Death and Minerals;" "Tree Appraisals;" "Critical Pest Update;" "Watering Products;" "Legal Guidance;" Using Injection Systems;" and a field tour of the Japanese Stroll Garden and a Tree Climbing Demonstration . Up to 11 ISA CEU's and SAF CFE's are available.

The conference will be held in the Hawthorn Park Hotel in Springfield, MO. Hotel rooms are \$65 per night, if identified with MCFC and reserved by January 5, 2007. The Conference itself has an \$100 early bird registration postmarked by January 5, 2007. Late, On-site, One Day, and Student registrations are also available. Conference information and registration forms can be found at: www.mocommunitytrees.com/whatsgoingon.html or from Jon Skinner (jon.skinner@mdc.mo.gov) at 417-623-3423

Midwestern Chapter of ISA Conference

The annual conference of MWISA will be February 28 - March 2, 2007 at the Holiday Inn in Topeka, KS. These few days are filled with education sessions (CEU's), equipment displays, and networking. Conference information is to be directly mailed to Midwestern Chapter members and posted at: www.mwisa.org/mc/page.do?sitePageId=37767.

Apple Tree Pruning Workshop

Pruning apple trees for fruit production is very different from normal directional pruning. The process encourages new growth where flowers and fruit develop. Gaylord Moore, Horticultural Specialist, MU Outreach and Extension, will demonstrate how to prune both young and older, neglected trees.



The workshop will be held on Shank Farms, Corner of Hwy 59 and Aspen Road, Diamond, MO (3 miles south of I-44 on Hwy 59) at 3:00 P.M. on February 7, 2007. One ISA CEU and one SAF CFE is available for this workshop. Call the Missouri Department of Conservation at 417-623-3423 to register or ask questions.

Tree City USA Applications Due



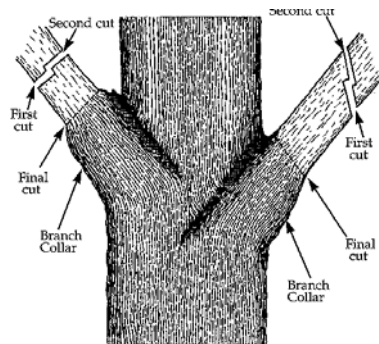
Tree City USA is a great way to recognize your community's efforts with trees. Communities that qualify have met four criteria during the previous year consisting of: having a tree board; a community tree ordinance; a community tree program with a \$2 per capita budget; and held an Arbor Day celebration and a proclamation.

All Tree City USA applications are due by December 31, 2006. Send them to Justine Gartner, Forestry Field Programs Supervisor, Missouri Department of Conservation, P.O. Box 180, Jefferson City, MO 65102-0180. Get an application for certification or recertification at: www.arborday.org/programs/treeCityApplication.cfm.

Maintenance Pruning

Winter is a great time to do maintenance pruning. This involves the removal of dead, broken, defective limbs and crown raising. The reason for this being a great time of the year is the pathogens that attack trees are dormant. This allows the fresh wounds to dry out and be less attractive to an attacking pathogen.

Keep in mind a few simple rules: 1) use proper pruning cuts using the three cut method to prevent torn bark; 2) use appropriate safety equipment for your protection; 3) never remove more than one-quarter of the live crown in one year - doing so may stress the tree by removing too many leaves; 4) try to keep two-thirds of the tree covered with live branches. The more leaves the tree has, the more energy it can convert from the sun to add to its growth and use in defense against pathogens. These simple rules will allow you to prune and not stress the tree beyond what it can take.



MAKE A DIFFERENCE, PLANT A SEED

Book Review

Diseases of Trees and Shrubs, 2nd Edition is an excellent guide to determining many of our tree diseases. It is one of the most complete references of diseases affecting trees and shrubs in the north America. Disorders caused by more than 470 pathogens and 50 chemical, physical, or unknown agents to plants of more than 300 specie are portrayed, and hundreds of other diseases and pathogens related to those shown are noted. This reference does not cover insect and mite pests of woody plants. Organized by type of pathogen, this book provides descriptions of the signs and symptoms of hundreds of diseases. There are 2200 images showing the symptoms of various diseases. The book also comes with an CD-ROM containing the bibliographical references of the authors.

A GROVE OF TREES

Why is it that a grove of tall trees
Makes a person stop and look up in wonder?

Perhaps it’s that...

A grove of trees is many things,
It’s all in the eye of the beholder;
A resting place for those with wings,
A warming den as nights get colder.

Perhaps it’s that...

A grove of trees has many ages
Of plants and animals in it;
The years pass by as turning pages,
Yet we are here for only a minute.

Perhaps it’s that...

We fear the enemies of a grove of trees
That change with each passing day;
Bugs, so tiny, come with the breeze,
While disease and fire have their say.

Perhaps it’s that...

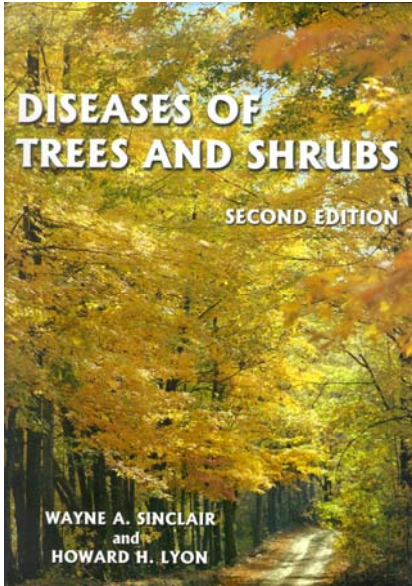
The moods of a grove of trees
Can be restful, quiet, or calm;
The beauty can bring men to their knees,
And the mystery can bring sweat to his palm.

Perhaps it’s that...

The friends of a grove of trees
Are nature, animals, and man;
And we need to be sure that all of these,
Will continue doing the best they can.

- James P. Rocca
Ellisville, Missouri

(Editors Note: Jim is retired from MDC. He served as the State Community Forestry Coordinator as one of his positions. He now operates his own consulting business and is the Executive Director of the Midwestern Chapter of the International Society of Arboriculture.)



A tree is our most intimate contact with nature.

- George Nakashima, woodworker

December 4

Tree Pruning Workshop, Community Building in City Park, Greenfield, MO, 6:30 PM
Contact Jon Skinner (Jon.Skinner@mdc.mo.gov), 417-629-3423

December 5

ISA Certified Arborist Exam, Springfield, MO, Registration Deadline November 15, 2006,
Register at www.isa-arbor.com/certification/exams.aspx

December 7

Branching Out Workshop, Walter Woods Conservation Area, Joplin, MO Contact Jon Skinner (Jon.Skinner@mdc.mo.gov), 417-629-3423

December 14

State MCFC Meeting, USGS Environmental Research Lab, Columbia, MO 10 AM
Contact Justine Gartner (Justine.Gartner@mdc.mo.gov), 573-751-4115 extn. 3116

January 7 - 9

2007 WESTERN, Western Nursery and Landscape Association Annual Meeting, Overland Park, KS Registration and Information at www.wnla.org, info@wnla.org, 816-233-1481

January 24 - 25

14th Annual Missouri Community Forestry Council Conference, Hawthorn Park Hotel, Springfield, MO Early Registration Deadline January 5, 2007 Information at www.mocommunitytrees.com/whatsgoingon.html

February 4

ISA Certified Arborist Exam, Wagnor, OK, Registration Deadline January 18, 2007, Register at www.isa-arbor.com/certification/exams.aspx For more information contact Susan Campbell 214-509-4833

February 7

Apple Tree Pruning Workshop, Shank Farms, Diamond, MO, 3:00 PM Registration Required Contact Jon Skinner (Jon.Skinner@mdc.mo.gov), 417-629-3423

February 28 - March 2

Midwestern Chapter of ISA Annual Conference, Topeka, KS Information at www.mwisa.org/mc/page.do?sitePageId=37767

WHAT'S HAPPENING

“The Stump” web site:
www.geocities.com/rocksandtrees/thestump/

To add or remove your subscription, update your address, change contact information or convert from the paper to the email - web version of “The Stump”, contact:

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MO Dept. of Conservation
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