

THE STUMP

INFORMATION BY THE BOARD FOOT

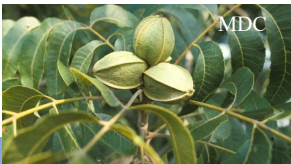
DECEMBER 2022

KNOT THE HOLE NEWS

New MDC Community Forester Based in Springfield

The Springfield MDC Community Forester position has been vacant for several years. Recently, MDC opened the position for interviews. The Department is proud to announce Taylor Kennemer is the successful candidate with his first day being December 1, 2022. Taylor has a Bachelor of Science in Natural Resources and a minor in forestry from Missouri State University. He has been working for MDC in various resource positions for the last few years.

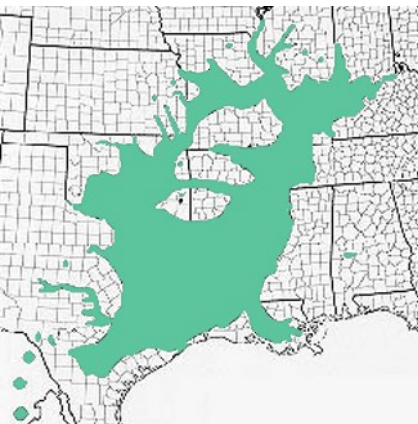
Taylor is looking forward to working with you. He brings excitement and energy to the position. He will add his unique style and abilities to the 30+ years of MDC Community Forestry service to southwest Missouri. It may take time for him to meet you, but he is only a phone call or email away. As Taylor becomes familiar with your abilities and needs he will be able to cater his service to you. You may contact Taylor at Taylor.Kennemer@mdc.mo.gov, 417-895-6880.



pecan

Carya illinoensis

Pecan is a large tree with a mature height of 70 to 100 feet and a spread of 40 to 75 feet. Appropriate for a large yard or park, this tree will reward the grower with shade and clusters of tasty nuts in the fall. It grows best in moist, deep, well drained soils with full sun, but has been seen on shallower, dryer soils. The leaflets often drop early with the rachises holding on to fall. Difficult to transplant, pecan has been used sparingly in the developed landscape. Seedlings and nuts are the most successful planting methods. Grown primarily for its nuts, many cultivars related to nut production exist.



Range map modified from USDA Forest Service Silvics of North America Web site - www.srs.fs.usda.gov/pubs/misc/ag_654/volume_2/carya/illinoensis.htm

ISA 2022 International Virtual Conference

ISA is holding its 3rd Annual International Virtual Conference on December 13 and 14. Join ISA for this engaging and compelling virtual event and take advantage of the opportunity to network with colleagues, businesses, and arboricultural professionals worldwide.

This year's virtual event provides a lineup of never before seen on-demand educational breakout sessions led by industry leaders from around the globe, sharing their thoughts and views about research, practice, and technology.



Educational sessions include keynote speaker Dr. Nadina Galle, an ecological engineer and founder of the Internet of Nature podcast. Galle will discuss whether nature and technology—long viewed as opposing forces—can work together to stabilize our climate, sustain our urban environments, and benefit our health.

With the opportunity to earn up to 14 CEUs, the ISA 2022 Virtual Conference includes all

new on-demand sessions attendees can view for up to 30 days following the event, making watching and engaging more convenient than ever before.

Take advantage of this and experience the ISA 2022 Virtual Conference. Registration is available until December 21 at: <https://www.isa-arbor.com/Events/Annual-Conference/2022-Virtual-Conference>

Tree Health Update



The annual Tree Health Update will be in-person this year. MDC's Forest Health staff will provide updates on current tree health issues and emerging invasive tree pests that are likely to affect the tree you work with.

Tree professionals working as arborists, foresters, nurserymen, landscapers, and public servants should attend this program.

The Update will be on the afternoon of Feb. 13 at the Shoal Creek Conservation and Education Center in Joplin and the morning of Feb. 14 at the Springfield Conservation Nature Center.

ISA CEU's and SAF CFE's will be requested. Watch for the registration announcement in January.



Arbor Day 2023 Events

In our tree world, Arbor Day is your day to shine. Unfortunately, Taylor and I are limited in the number of events we can attend in any given day. We have many days already booked for various Arbor Day events. Thank you to those planning ahead and scheduling with us. Many of you have not set your Arbor Day yet. Please consult with us before scheduling so we may attend. We enjoy celebrating your success.



Web Review - UAA Safety First, Safety Always Video Series

The Utility Arborist Association Safety Committee with sponsorship from [Hub International](#) has created its Safety First, Safety Always Video Series. The current four videos cover Step and Touch Potential, Look Up and Live, Dog Bite Prevention, and Woodchipper Safety. They are available in both English and Spanish.

See the videos on the UAA YouTube Channel at: www.youtube.com/@utilityarboristassociation4179/videos

Thanks to Afton Stanko for sharing the videos with us.

Iron Chlorosis

When iron in the soil is either deficient or unavailable to trees, iron chlorosis can occur. Iron is readily available to trees growing in soils with a pH of 5.0 to 6.5. In soils with a pH of 7.0 and above, iron changes to an insoluble form that is not as available to trees.

Several species of ornamental native trees suffer from iron chlorosis. The most susceptible species are pin oak, silver maple, baldcypress, and sweetgum. White pine, river birch, walnut, sugar maple, red maple, eastern redcedar, sycamore, ornamental pear, and some crabapple species may develop iron chlorosis.



Iron plays a major role in producing chlorophyll, the green pigment in leaves. A deficiency of iron reduces the amount of chlorophyll the leaves produce. When chlorophyll is reduced, a yellowing of leaves occurs. This is an early sign of iron chlorosis. On deciduous trees, iron chlorosis causes the leaf veins to remain green while the area between the veins is yellow-green to yellow. Leaves that emerge in early spring are frequently of normal size. Leaves emerging later in the year are often smaller and more yellow. In

severe cases, the leaf color may change from yellow to white and finally brown. In advanced stages, twig dieback may be observed, especially toward the top of the tree and ends of the branches. After several years, the tree may die if the condition is not treated. Variations in the soil, especially in urban areas, may result in iron chlorosis symptoms appearing on one side of the tree or on individual branches. In some cases, trees that have excessive amounts of moisture or are growing in an area with poor drainage may look chlorotic. Noth Dakota State University Extension provides a good handout with treatment options at: www.ndsu.edu/agriculture/sites/default/files/2022-07/fl1868.pdf.



Mo Botanical Gardens



The unnecessary felling of a tree, perhaps the growth of centuries ... pains me to an unspeakable degree.

~Thomas Jefferson

December 13 - 14

ISA 2022 International Virtual Conference. Information and Registration at: <https://www.isa-arbor.com/Events/Annual-Conference/2022-Virtual-Conference>.

December 20

SWMCFC Meeting / Christmas Gathering, SW MO MDC Regional Office, Springfield, MO.

January 17

SWMCFC Meeting, SW MO MDC Regional Office, Springfield, MO.

January 17

ISA Certification Exam, Springfield, MO. Registration Deadline: December 30. Information at: www.isa-arbor.com/Credentials/Exam-Information.

January 25

ISA Certification Exam, Tulsa, OK. Registration Deadline: January 9. Information at: www.isa-arbor.com/Credentials/Exam-Information.

January 25 - 27

2023 MWISA Annual Conference & Trade Show, Tulsa, OK. Information and Registration at: <https://mwisa.org/annual-conference-and-trade-show>.

February 7 - 10

2023 ASCA Consulting Academy, Palm Springs, CA. Information and Registration at: <https://www.asca-consultants.org/events/EventDetails.aspx?id=1610995>.

February 5 - 9

TCIA Winter Management Conference, Barbados. Information and Registration at: <https://wmc.tcia.org/>.

February 13

Tree Health Update, Shoal Creek Conservation and Education Center, Joplin. Look for the Registration announcement in January.

February 14

Tree Health Update, Springfield Conservation Nature Center, Springfield. Look for the Registration announcement in January.

February 21

ISA Certification Exam, Ames, IA. Registration Deadline: February 2. Information at: www.isa-arbor.com/Credentials/Exam-Information.

WHAT'S HAPPENING

“The Stump” website: <https://thestumpnewsletter.weebly.com>

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Jon Skinner
Community Forester
MO Dept. of Conservation
201 W. Riviera Dr.
Joplin, MO 64804
417-629-3434 Ext. 4543
Jon.Skinner@mdc.mo.gov



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