

# THE STUMP

INFORMATION BY THE BOARD FOOT

JUNE 2021

KNOT THE HOLE NEWS

## Growing our Future: MCFC Conference - August 25 - 27, 2021



Chateau on The Lake

The ‘Growing our Future’ conference, the MCFC Conference, is set for August 25-27, 2021. The 2021 Conference features two half days and one full day of technical presentations, and social networking opportunities for everyone. Highlights include Dr. Tamberly Conway on “Deeply Rooted Interconnections Between Community and Forestry Health”, “Planning Future Community Environments” panel, and “New or Challenging Things Done in the Past Year” by Cape Girardeau and Springfield staff. Track session themes of Arborist, Science, and Utility provide a broad selection of education opportunities. See the conference program at [www.MCFCconference.com](http://www.MCFCconference.com) for complete list of opportunities.

The Silent Auction is always a highlight of the conference. It is a great way to share and support MCFC Scholarships to the conference. Items from hobbies and donated items of all kinds

are welcome. Please let Troy Powell know if you are bringing an item for the auction. Donated items may be sent ahead to: City of Springfield, 1010 W. Chestnut St., Springfield, MO 65802 Attn: Urban Forestry or for more information, contact Troy Powell at [tpowell@springfieldmo.gov](mailto:tpowell@springfieldmo.gov) or call 417-874-2154.

The Awards luncheon provides MCFC and MDC the opportunity to recognize individuals and groups that have excelled in their tree efforts. We encourage you to join us for this enjoyable time to congratulate those honored.

Chateau on the Lake Resort Spa & Convention Center is located at 415 North State Highway 265, Branson, MO 65616. They have complimentary wireless high speed internet access, a business center, fitness center, indoor pool, Concierge service, free parking, and more. Group rates are available for MCFC attendees and must be made by July 25th, 2021 to receive the group rate. Call the hotel at 1-800-333-5253 and identify with Missouri Community Forestry Council (MCFC) conference. Room reservations after July 25, 2021 will be at hotel’s normal rate. Check the hotel website ([www.chateauonthelake.com](http://www.chateauonthelake.com)) for current pandemic protocols in place at time of conference.



Chateau on The Lake



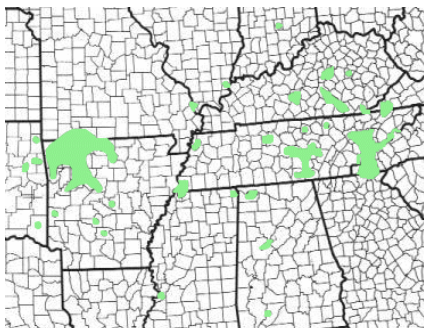
MDC



Anne Stocker

### yellowwood *Cladrastis kentukea*

Yellowwood is a medium tree with a mature height of 40 to 50 feet with spread equal to wider. This tree is appropriate for all yards, and parks. It likes to form low forked multi-stem trees or can be trained to a single stem. The specie does best on moist, well-drained soil but adapts well to a wide range of conditions. The pinnate leaves have smooth edged leaflets. The flowers are small and form on open pannicles in the spring. The subtle fragrance is quite soothing. There is one cultivar for pink flowers called “Rosea.”



## Trees Help Protect You From Disease

Exposure to a wide range of microorganisms is thought to strengthen our response to pathogens and reduce the likelihood that our immune systems will be oversensitive to innocuous agents, such as dust particles, pollen, and our own cells—the latter manifesting as autoimmunity. Recent research in Australia, is documenting how trees may help our immune system and protect us from infections.

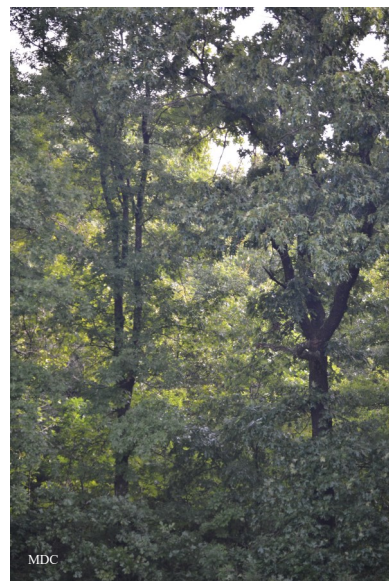
They sampled the air in various local park environments and found different bacteria stratify at different levels above the ground and different plant environments. At the average head-height of a standing adult, there were fewer but also different kinds of bacteria compared with those in the air lower down at the head height of a child or sitting adult.

This means that we may be exposed to different kinds of microbes – some good for us, some bad – depending on our height and posture. Exposure to lots of different types of microbial life, particularly in childhood, is generally considered to be a good thing, because it allows our immune systems to build up a strong army of cells that protect us from pathogens. The greater number of microbial species we detected closer to the ground could be vital in ensuring children develop robust immunity later in life.

But it also matters which environments we spend time in. After collecting 135 samples, they found that the air in the wooded areas of an urban park near Adelaide in Australia contained more bacterial species but fewer potential human pathogens than nearby sports fields. Trees appear to filter the microbial communities in a given airspace, reducing the risk of exposure to microbes that cause disease. Because trees also seem to increase microbial diversity in the air, allowing more of them to grow in urban areas could provide an important health benefit by enhancing our immune systems.

In other words, plant more and maintain the trees we have for the benefit of our health now and into the future.

See the peer-reviewed article at: [www.nature.com/articles/s41598-021-89065-y](http://www.nature.com/articles/s41598-021-89065-y)



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## Web Review - How To Plant An Urban Tree Videos

Our friends from Wisconsin have created some good tree planting videos. They go through the entire process, short of tree selection. They provide videos for both balled and burlapped and containerized trees.

These videos will work for both training your staff or to share with the public. See them at: <https://dnr.wisconsin.gov/topic/urbanforests/treeplantingresources>.



### Smooth Patch of Oak (*Aleurodiscus oakesii*)

*Aleurodiscus oakesii* is the fungus that is responsible for smooth patch, also called white patch. The fungus can grow on multiple specie of oak, but is most notable on the white oak group. The fungus breaks down the dead corky bark of the tree. It does not penetrate into the live tissue. As the bark is degraded, it sloughs off leaving a smooth depressed area. Spread of the fungus is primarily by wind and water splashes during rain or overhead irrigation. Smooth patch can be found on oaks in both urban and forested areas.



The smooth patch fungus produces clusters of flat, disc-like spore-bearing basidiocarps on the surface of the smooth bark. These structures are gray or beige in color, are usually less than 1/2 inch in diameter and are curled at the edges. These tough, leathery fruiting bodies become confluent with each other to form larger groups of bodies. The basidiocarps are often more noticeable in wet weather. They grow in clusters on affected bark and sometimes resemble lichens. In dry weather, the fruiting bodies shrivel up and become inconspicuous.

No treatment is necessary since this fungus does not hurt the tree.

**With the COVID-19 situation, all listed events may occur, be postponed, or cancelled depending on the host groups' decisions. Verify before going.**

#### June 1

TCIA CTSP Virtual Workshop, Information at [https://tcia.org/TCIA/EVENTS/CTSP\\_Event\\_Display.aspx?EventKey=CTSP\\_V921](https://tcia.org/TCIA/EVENTS/CTSP_Event_Display.aspx?EventKey=CTSP_V921).

#### June 1 - 3

TCIA Executive Arborist Workshop, Dallas, TX, Information at <https://eaw.tcia.org/>.

#### June 8

TRAQ Renewal Course- Bentonville, AR, Registration Required, information at: [www.isasouthern.org/traq-events](http://www.isasouthern.org/traq-events).

#### June 9

Promoting Ground Cover Species That Resist Tree Invasion On Rights Of Way webinar, Information at: <https://member.gotouaa.org/events/EventDetails.aspx?id=1496962&group=>.

#### June 9 - 11

TRAQ Full Course- Bentonville, AR, Registration Required, information at: [www.isasouthern.org/traq-events](http://www.isasouthern.org/traq-events).

#### June 10

KAA Summer Field Day, Wyandotte County Lake Park, Kansas City, KS, Information at <https://www.kansasarborist.com/field-day.html>.

#### June 11 - 12

2021 MW-ISA Tree Climbing Competition and Training Event, Central Riverside Park - Wichita, KS, Information at <https://mwisa.org/tree-climbing-championship>.

#### June 15

TCIA CTSP Virtual Workshop, Information at [https://tcia.org/TCIA/EVENTS/CTSP\\_Event\\_Display.aspx?EventKey=CTSP\\_V1021](https://tcia.org/TCIA/EVENTS/CTSP_Event_Display.aspx?EventKey=CTSP_V1021).

#### July 7

Biomechanics for Tree Climbers Webinar, Information at [https://tcia.org/TCIA/EVENTS/Event\\_Display.aspx?EventKey=WEB21\\_ARB2](https://tcia.org/TCIA/EVENTS/Event_Display.aspx?EventKey=WEB21_ARB2).

#### July 13

ISA 2021 Virtual Tree Climber Summit, Information at [www.isa-arbor.com/events/reg/event.aspx?EventID=12009](http://www.isa-arbor.com/events/reg/event.aspx?EventID=12009), Early Bird Registration deadline June 30, 2021.

#### September 1

Staying in Compliance in 2021 and What to Expect Webinar, Information at [https://tcia.org/TCIA/EVENTS/Event\\_Display.aspx?EventKey=WEB21\\_BUS3](https://tcia.org/TCIA/EVENTS/Event_Display.aspx?EventKey=WEB21_BUS3).

#### Sept. 26 - Oct. 1

Municipal Forestry Institute, Bowling Green State University, Bowling Green, OH, Information at <https://www.urban-forestry.com/mfi-2021>.

**SWMCFC and Joplin MCFC meetings will be sporadic due the COVID-19 situation. Watch for individual emails announcing meetings as they occur.**

Again rejoicing Nature sees  
Her robe assume its vernal hues,  
Her leafy locks wave in the breeze,  
All freshly steep'd in morning dews.

—Robert Burns (1859–96)

## WHAT'S HAPPENING

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

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