

# THE STUMP

INFORMATION BY THE BOARD FOOT

APRIL 2024

KNOT THE HOLE NEWS

## New Sustainability Standard

The SFI Urban and Community Forest Sustainability Standard promotes sustainable urban and community forests based on 16 objectives. This standard is appropriate for organizations that own, manage, or are responsible for urban and/or community forests. These organizations can come from all facets of the urban and community forest sector, including, but not limited to: governmental organizations (i.e., municipalities, counties, states, provinces), non-governmental organizations, Indigenous Peoples, community groups, healthcare organizations, educational organizations, and corporate organizations.



### SUSTAINABLE FORESTRY INITIATIVE

SFI-00001

SFI Urban and Community Forest Sustainability Standard does not replace Tree City USA but incorporates Tree City USA recognition and goes beyond in recognizing efforts that are far beyond the Tree City USA standards.

### SFI URBAN AND COMMUNITY FOREST SUSTAINABILITY STANDARD



Using the various combinations of the 16 objectives, an organization may become certified through the whole standard or partially by one or more of the four themes of Community Well-Being and Human Health, Environmental and Conservation Leadership, Climate and Disaster Resilience, and Urban Forest Improvement.

If you are interested in learning more about this new standard, SFI has created multiple documents you can review to understand the program. You can locate these documents at: <https://forests.org/sfi-urban-forestry-standard/>.

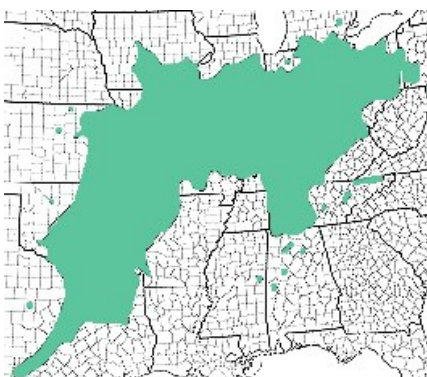


MDC



**Ohio buckeye**  
*Aesculus glabra*

A small to medium tree, Ohio buckeye has a mature height of 20 to 50 feet with a broad, rounded crown. The branches bend downward then upward at the tips. Appropriate for a large yard, and park plantings this tree has a medium growth rate. It occurs naturally on moist bottomlands with acid soils, dryer sites are not recommended. Full sun is needed for best health, leaves are palmate with five leaflets connected to a central point. Heat damage to leaves is possible as well as the fairly common leaf blotch. This tree should be planted with intent to not prune it up. It's dense shade will make grass sparse if not nonexistent.



Range map modified from USDA Forest Service Silvics of North America Web site - [www.srs.fs.usda.gov/pubs/misc/ag\\_654/volume\\_2/aesculus/glabra.htm](http://www.srs.fs.usda.gov/pubs/misc/ag_654/volume_2/aesculus/glabra.htm)

## OBJECTIVES: SFI URBAN AND COMMUNITY FOREST SUSTAINABILITY STANDARD



**OBJECTIVE 1: COMMUNITY, PEOPLE, AND INDIGENOUS PARTICIPATION**



**OBJECTIVE 2: HUMAN HEALTH AND WELL-BEING**



**OBJECTIVE 3: PROTECTION AND CONSERVATION OF BIODIVERSITY**



**OBJECTIVE 4: STEWARDSHIP OF NATURAL RESOURCES, INCLUDING AIR, WATER AND SOIL**



**OBJECTIVE 5: URBAN AND COMMUNITY FOREST AND TREE HEALTH AND VITALITY**



**OBJECTIVE 6: SPECIAL SITES, INCLUDING NATURAL AREA**



**OBJECTIVE 7: CLIMATE-SMART MANAGEMENT**



**OBJECTIVE 8: URBAN AND COMMUNITY FOREST PLANNING**



**OBJECTIVE 9: MANAGEMENT AND CARE OF URBAN AND COMMUNITY FORESTS AND TREES**



**OBJECTIVE 10: DISASTER READINESS, RESPONSE AND RECOVERY**



**OBJECTIVE 11: CAPACITY BUILDING**



**OBJECTIVE 12: URBAN WOOD AND COMMUNITY FOREST UTILIZATION**



**OBJECTIVE 13: COMMUNICATIONS**



**OBJECTIVE 14: RESEARCH, SCIENCE, AND TECHNOLOGY**



**OBJECTIVE 15. LEGAL AND REGULATORY COMPLIANCE INCLUDING INDIGENOUS PEOPLE'S RIGHTS**



**OBJECTIVE 16: REPORTING**



## Safety - It's Everyone's Job

Last issue I asked a series of questions on just a few of the potential dangers of working with trees. In keeping with the concept of safety, I thought it would be good to review the accident records of TCIA. They record all tree related accidents they find in the news or directly sent to them.

Between November 1, 2023 and January, 30, 2024, TCIA has recorded 17 accidents. Of these, 12 were fatal. These fatalities were listed as: four struck-by's, one caught under, one hit and run, two falls, one chipper incident, one electrocution, and two unknown.

As I read through the brief synopses of the accidents, a majority of the incidents were preventable. Mistakes happen, but consequences are severe. You and your coworkers lives depend on reducing mistakes. Practicing safe work practices and wearing proper personal protective equipment (PPE) will reduce the severity of accidents when they occur. There are several safety training and certification programs with TCIA and ISA. It is up to you to learn about, take, and implement the education.



Video screenshot from UK Mirror



## Book Review: ANSI A300 Tree Care Standards

The ANSI A300 delivers comprehensive standards for tree care practices as well as guidelines for writing tree care work specifications. Formerly available as ten separate publications, this all-inclusive reference now provides the updated and revised set of the former ten A300 parts in one book. It is divided into 15 Clauses covering everything the former Parts did while combining many of the standard information in all of the books.

ANSI A300 also equips you with work specification writing guides, facilitating effective communication between your clients, sales staff, and your production team. This minimizes misunderstandings and ensures the job is executed correctly and in compliance with codes, laws, ordinances, and regulations. It is available on the ISA and TCIA online stores. TCIA also offers electronic versions of the standard.

### Bronze birch borer (*Agrilus anxius*)

Purdue Univ.



The bronze birch borer is a serious secondary pest of white, paper, and cut-leaf weeping birches. This native flatheaded borer will attack yellow, gray, and other species of birch. It has also been reported on beech. Bronze birch borer adults are slender, dark, iridescent, often greenish-bronze, beetles, .27-.47 inches long. A fully grown larva is about .5 inches long, very slender, and has a flattened, enlarged area behind its head. This species overwinters mostly as fourth instar larvae in a boat-shaped depression just under the bark. In early spring, when tree sap begins to flow, overwintering larvae begin to feed and migrate close to the surface of the bark. There they pupate, mature into adults, and emerge through the bark (making the distinctive D-shaped holes). Adult emergence in Missouri is typically in late spring and lasts for six weeks. After mating, females lay eggs in cracks, beneath bark flaps, or other damaged areas. Eggs hatch in a few days into tiny white larvae chewing their way into the bark and start feeding. They make crooked, criss-crossing galleries in the inner bark. In the fall, larvae bore into the sapwood to overwinter. This species may have a one- or two-year life cycle with the latter being more common. The length of development is mainly governed by host plant condition and the time of year eggs are laid. Control starts by first not planting white bark birches in SW Missouri. They are not appropriate for our landscape. The stress associated from being off site makes them susceptible to attack. Often removal of dying trees needs to occur to reduce the number of borers available to attack other trees. Insecticidal sprays should be applied between mid-May and mid-June, homeowners can spray infested trees with permethrin or bifenthrin. Soil drench systemic insecticides can be used to kill adults that feed on leaves and larvae beneath the bark. Soil applications of imidacloprid and dinotefuran can be made from between April 1 and May 15.



Purdue Univ.



S. Katovich, USFS Bugwood.org

### April 15

TRAQ Renewal Course - Des Moines, IA. For details visit <https://iowaarboristassociation.org/events/>.

### April 16 - 18

TRAQ Full Course - Des Moines, IA. For details visit <https://iowaarboristassociation.org/events/>.

### April 17 - 19

TRAQ Full Course - Kirkwood, MO. For details visit <https://mwsa.growthzoneapp.com/ap/Events/Register/WpMbKZIP>.

### April 18

Using Evidence to Prove Tree-Related Infractions, Webinar, Noon CDT. For details visit: <https://ucfsociety.org/event/>.

### May 7

ISA Certification Exam, Bonnor Springs, KS. Registration Deadline: April 19. Information at: [www.isa-arbor.com/Credentials/Exam-Information](http://www.isa-arbor.com/Credentials/Exam-Information).

### May 7

ISA Certified Tree Worker Climber Specialist Skills Exam, Bonnor Springs, KS. Registration Deadline: April 19. Information at: [www.isa-arbor.com/Credentials/Exam-Information](http://www.isa-arbor.com/Credentials/Exam-Information).

### May 14

Bipartisan Infrastructure in the Capital – Trees and Utilities, Webinar, Noon CDT. For details visit: <https://ucfsociety.org/event/>.

### May 16

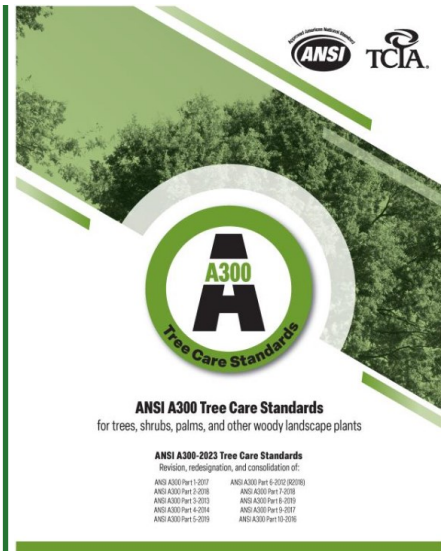
ISA Certification Exam, Jefferson City, MO. Registration Deadline: April 30. Information at: [www.isa-arbor.com/Credentials/Exam-Information](http://www.isa-arbor.com/Credentials/Exam-Information).

### May 21

ISA Certification Exam, Springfield, MO. Registration Deadline: May 3. Information at: [www.isa-arbor.com/Credentials/Exam-Information](http://www.isa-arbor.com/Credentials/Exam-Information).

### August 12 - 14

ISA 2024 Annual International Conference - Atlanta, GA. For details visit <https://www.isa-arbor.com/events/eventscalendar/index?id=13107>.



Verde que te quiero verde. Verde viento. Verde ramas.  
Green I love you green. Green Wind. Green branches.

- Federico Garcia Lorca, 1899-1936

WHAT'S HAPPENING

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