



STS NEWSLETTER

A bimonthly publication of Street Tree Seminar
Your Los Angeles/Orange County Regional Forest Council

Highlights from Pests and Diseases of So Cal Trees Our Winter Western Tree Management Symposium - presented on Zoom

Our winter 2022 WTMS was held over zoom. We had an amazing lineup of speakers and a great day of education! We asked each of our speakers for their top takeaways— here are the responses we received:

COMMON URBAN TREE PESTS— Christopher Arend

Aphids

- On all species of trees and shrubs
- Urban situations



Our first speaker, Christopher Arend started the day with an overview of common urban tree pests. Christopher's take aways were:

- Identifying pests helps with getting ahead of the problem.
- Communicating with customers about recent issues can increase PHC opportunities.
- Use your resources such as your supplier, local ag department, other arborists, and UC ANR to keep up with the latest news and issues.
- As our climate is evolving, we need to prepare for new invasive pests and diseases.

MANAGING GSOB at LOST VALLEY- Andy Trotter and Don Grosman

Christopher was followed by Andy Trotter from West Coast Arborists, Inc. and Don Grossman from ArborJet. Andy and Don have been working together at the Lost Valley Scout Camp to manage the Golden Spotted Oak Borer at the camp.

Andy's take aways from years of work in the area focused on the tree population and land management at the camp:

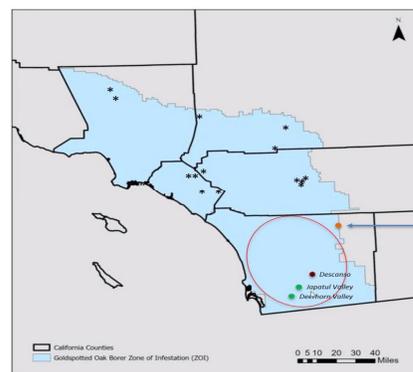
- The land is resilient trees regrow when they have the con-

ditions they need to grow

- Not all trees die during most insect infestations
- Fire planning can make a difference during wildfire season
- Caring for the land presents many learning opportunities
- Using your network and partners will help you get more resources for big projects.

Coming from the pest side of the equations, Don's lens had a different focus and included a view from the treatment trial that took place from 2019 - 2021. 221 Coast Live Oaks at ~42 trees per treatment [14 uninfested, 14 lightly infested (1-9 EH), & 14 moderately-infested:

- With little/no management, GSOB is causing extensive mortality of CLO at Lost Valley; now at 300+ trees per year.
- Trunk injection (G4 & R10) and bole spray (BL) treatments have markedly reduced tree mortality within treatment zones over 2.5-year period.
- Herd immunity appears to be slowing the progression of GSOB-caused decline and mortality of untreated trees.
- The addition of Pentra-Bark does not appear to improve performance of Baseline sprays.



Goldspotted oak borer distribution as of 2021

Schoepe Boy Scout Reservation at Lost Valley



MAJOR TREE PESTS AND HOW TO DEAL WITH THEM— Beatriz Nobua-Behrman, PhD and John Kabashima, PhD

We rounded out the day with a great talk from two of our favorites, Dr. Beatriz Nobua- Behrman and Dr. John Kabashima from University of California Cooperative Extension. Their key points and takeaways included:

Highlights from WTMS - continued

- Invasive shothole borers are still expanding and affecting new areas. We are finding new infestation focuses even within counties that have been infested for long, like Orange County. Monitoring is key to find infestations in the early stages, when they are manageable.

- There are several options to manage trees with low-moderate levels of invasive shothole borers infestation; from pruning infested branches to pesticide treatments. Removing severely infested trees or limbs allow the surrounding trees to better fight low levels of infestation. Visit www.ishb.org for more information.



- New infestations of goldspotted oak borer have been found in Orange County, most probably all related to the movement of infested firewood.

- Infested oak wood should be debarked or seasoned for 2 years before moving it to prevent the spread of goldspotted oak borer to new locations. Visit www.gsob.org for more information.



We had a host of other great presentations including and tag team of Maximiliano Regis, and Rachel Burnap (Science in Action: LA County's Efforts to Respond to ISHB).

Dr. Jim Downer (Pests and Diseases of Sycamores),

Sycamore Scale *Stomacoccus platani*

- A severe pest of all sycamores especially LPT. Perhaps one of the worst insect pests.
- Causes defoliation to young and old leaves
- Affects drought weakened trees
- Hibernates under bark flaps
- Feeds on tender bark and undersides of leaves resulting in distinct yellow dots
- Several broods of crawlers per year



Will Harrison (Effective Use of Plant Growth Regulators),



Dr. Akif Eskalen (Disneyland Resort as a model system for IPM)

Early detection, spot injection



We look forward to seeing folks in person this summer as we are welcomed back to the Huntington Gardens for our summer symposium in July.

Great Trees of the LA/OC - *Emina Darakjy*

Pyrus kawakamii – Evergreen Pear

This issue's tree highlight is the evergreen pear tree.

This tree belongs to Rosaceae family and is native to China and Taiwan. It is considered a small to medium size evergreen tree and grows up to 30 feet tall with a dense umbrella shaped canopy which provides a lot of shade.

The trunk is a charcoal gray color exhibiting a deeply cracked darker bark with age.

The leaves are oval, start glossy green with serrated edges turning to a spectacular shade of yellow, orange and bright red before dropping to the ground in the fall. For this reason, some people might consider this tree semi-deciduous.

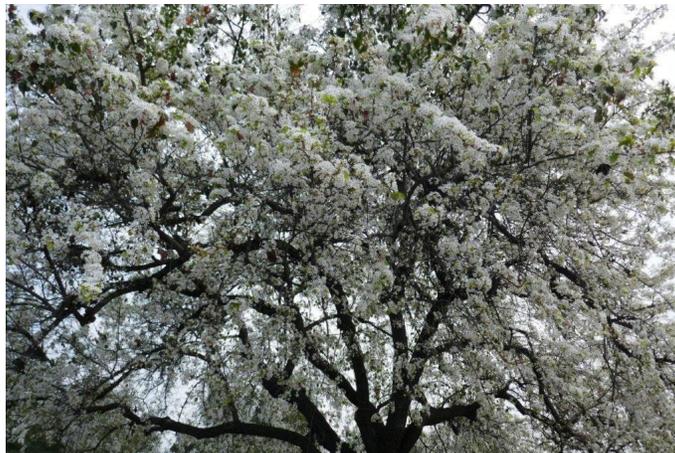
From January to March the tree is covered with masses of small dazzling white blossoms that attract many pollinators such as bees and birds that love to eat the round and very small fruit (as seen in one of the photos) that appears in the spring.

With the slightest breeze the dainty blossom petals find themselves cascading to the ground like snowflakes. If you have to, prune lightly to shape the canopy. Over pruning results in fewer blooms. This is a good candidate for planting under power lines.

This tree performs better when planted in full sun and in a well-drained soil but can withstand partial-shade. When young, the tree requires moderate watering becoming more drought tolerant with age.

The evergreen pear is generally considered pest free but can be susceptible to aphids, Fire blight and Whiteflies which can easily be controlled with available treatments so don't let this discourage you from planting it as its beauty outweighs the chance it might get hit with one of these problems.

Throughout the year this is a very stunning looking tree. It makes for a good street tree or in one's garden. Besides planting a single trunk form you can also choose to grow it as an espalier along a wall.



To order a copy of the third edition of "Street Trees Recommended for Southern California", visit our website at www.streettreeseinar.com, or call Heather at 714.639.6516

Green Legislature w/ Chuck Mills, TreePeople

March meeting recap

Could 2022 be the transformative change year for Urban Forestry?

Coming off of a year of record funding levels for CAL FIRE’s Urban and Community Forestry Program (which awarded \$30 million in grants supporting 40 project across 17 counties in February), the obvious question is “where do we go from here?” The answer is “up!”

Governor Newsom’s proposed FY 22-23 Budget supports \$120 million to be divided between CAL FIRE and the Urban Greening Program at the Natural Resources Agency. The proposal also contains \$150 million to address extreme heat; and over one billion dollars to support climate resiliency through nature-based solutions and meet the State’s goal of preserving 30% of our conservation lands by 2030.

Importantly, funds allocated last year and proposed for this year will also support urban forestry through existing programs like Transformative Climate Communities, and new ones that include the Community Resilience and Heat Program at the Office of Planning and Research.

Finally, stakeholders in the urban forestry field are sponsoring efforts championed by key legislative leaders to ensure urban forestry remains at the forefront of policy and budget conversations regarding social equity, extreme heat, and community resiliency. Some of these legislative priorities include:

- Assembly Bill 2566: Assemblymember Lisa Calderon (D - City of Industry) has crafted a measure that seeks to dramatically improve community resilience at K-12 schools in the most underserved areas in California by creating specific grant opportunities for school green-

ing projects that can transform heat-absorbing asphalt into tree-lined green spaces where students can learn and safely play.

-Assembly Bill 2251: Another measure from Assemblymember Calderon, this bill provides CAL FIRE with the authority to develop a strategic plan as to how California meets the bold recommendations identified in the 2018 Forest Carbon Action Plan to increase urban tree canopy by 10% b2030 and develop a sustainable resiliency strategy to protect our existing urban forest.

- Doubling the dollars for urban nature-based solutions: Assermblymember Cristina Garcia (D - Bell Gardens) submitted a budget request signed by more than a dozen state legislators that increases the proposed funding for the California’s preeminent urban forestry and urban greening grant programs from \$120 million to \$240 million. These additional dollars would primarily support nature-based solutions in underserved communities, and support the opportunities detailed in AB 2566.

This is an exciting time for urban forestry in California that could help support truly transformative change. As more state, national and even global studies point to trees as primary mechanisms in reducing greenhouse gasses and mitigating extreme heat, more legislative leaders and members of the Newsom Administration are stepping up with funding and frameworks that elevate urban forests and their multiple benefits. There is a long road to travel between now and the end of this legislative session. However it is a road rarely travelled in this community -- paved with opportunity and hope.

What’s Familiar

- Urban and Community Forestry \$30-70 million*
- Urban Greening \$50-90 million
- Environmental Justice Small Grants \$10 million*
- EEMP \$7 million

NOT LESS THAN \$127 MILLION AS PROPOSED

* Higher grant funding levels expected



What’s Different

- Transformative Climate Communities \$165 million
 - All funded projects to date have urban greening
 - Multi-partner effort that covers several sectors
 - New guidelines expand geographic scope
- Affordable Housing and Sustainable Comm. \$375 million
 - Urban greening is a requirement
 - Minimum of two elements per project
 - Sustainable funding source
- Active Transportation Program \$500 million
 - NGO’s directly eligible for park connectivity
 - Urban greening eligible, but underrepresented
 - Sustainable funding source
- 30x30 Pathways Funding \$768 million

There has never been a better time in State history to pursue and secure urban forestry funding!

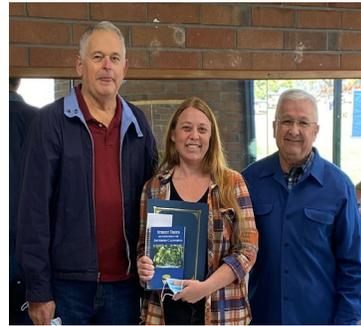


Scholarship Essay– by Cherise Hunt

The importance of trees... where do I even begin? They are the lifeblood of the Earth. Without them, life as we know it, would not exist. They take our waste and turn it into something we need to live. As we pollute our homes, they are hard at work trying to clean up the mess we leave behind. Their beauty is unsurpassed, and every single one holds its own mysterious, unique personality. Oh, if trees could talk, I could only imagine the stories they would tell. From the tops of their lush canopies to the tips of their mycelium coated roots, they are full of wonder and mystique. Every intricate leaf holds its own secrets about bugs, birds, and mammals it has played host to. Their trunks, like fingerprints, unique works of art, are nature's canvas. Their roots travelling deep within the soil are connected to the planet on a level we are only beginning to discover.

To lose urban trees would be the greatest loss known to mankind. They keep our homes, our cities, cooler as the Earth heats up. They shade our children as they play in the parks and at their schools. The diverse wildlife all around us would have no homes, no shelter, no nourishment. As I drive down tree-lined streets, I cannot help but be in awe of the breathtaking wonder to behold. So many people take trees for granted. If everyone took a moment to stop and really take in the majestic beauty, think about the healing

abilities, not only for the tree itself, but healing to us as well, and the wonderful qualities that every varied species is uniquely gifted with, then they would realize that there is nothing else on Earth more important than a tree.



Cherise Hunt is one of our two 2021 Scholarship Recipients. She is a student at Mt. San Antonio College with a course of study in Horticulture and a 4.0 GPA. She is a mother of 3 who began her garden as a pastime when her husband passed away, and became interested in medicinal gardening while helping her mother through cancer and chemotherapy. Cherise's dream of owning a medicinal nursery has expanded to being a tree pathologist and helping to heal the trees, too. She also plans on becoming a certified arborist.

Look for our second recipient's scholarship essay in our May/June newsletter!

Big FUN is Back - Volunteer with the TreeCircus in LA at the Fair

We are so excited to be back at both the LA County and California State Fair this year! Nothing is better than teaching kids of all ages - especially when it includes being part of the TreeCircus! This year we will have a climbing experience at both events - come on out and join the fun!

Climbing ring volunteers will assist in the kid's climbing arena, helping fit climbers in their saddles and helmets and teaching them to use our simple blake's hitch climbing system. Training will be provided at the beginning of your shift.

Ask the Arborist volunteers answer questions about trees from the general public. Feel free to bring your business card and any literature you'd like to bring as a reference.

Teach the public the importance of proper tree care!

ISA CEUs available.

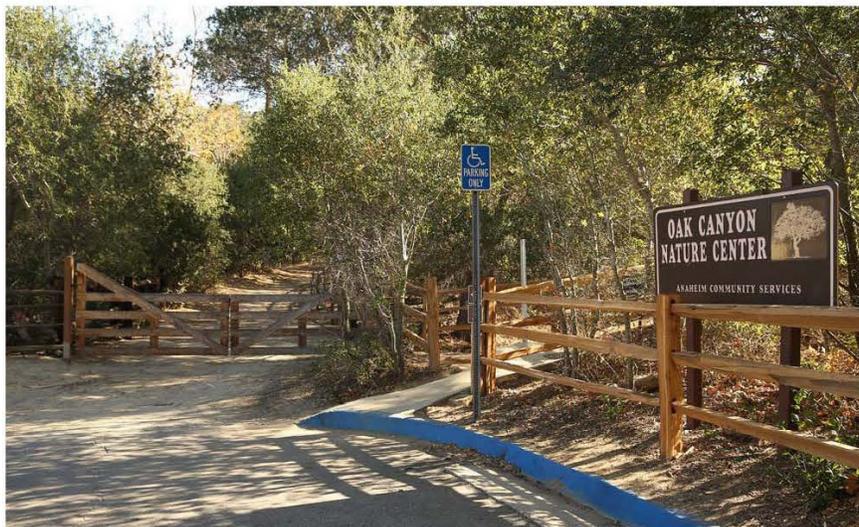
The online sign up system makes it easy to join the FUN!

<https://signup.com/go/zZnheaU>

May 5-29, 2022
Thursday - Sunday
1:30 - 7:30



STS May Meeting– IN PERSON!!



MAY 19, 2022

OAK CANYON NATURE WALK

Join us as we resume in-person meeting with a tree walk at the beautiful Oak Canyon Nature Center in Anaheim Hills.

City of Anaheim staff will take us on a guided tour of the Oak Canyon Nature Center in the hills of Anaheim. Lunch will be provided.

Oak Canyon Nature Center is a nature preserve located in Anaheim, Southern California. Owned by the city, the park spans an area of 58-acres, comprising three adjoining canyons of the Santa Ana foothills. Please wear comfortable footwear and be advised that this is a fully outdoor event which requires walking along paved trails.

***Please contact Heather in our office with any questions-
heather@streetreeseminar.com*



THURSDAY
May 19, 2022

10:30 AM–12:30 PM

OAK CANYON
NATURE CENTER
6700 E WALNUT
ANAHEIM HILLS

\$15.00 /member
\$20.00/nonmember
*(\$5.00 goes towards
Scholarship Fund)*

1.5 CEU Available

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TO REGISTER – VISIT
www.streetreeseminar.com



Meeting Schedule 2022

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May 19	Oak Canyon Nature Walk	Oak Canyon Nature Center Anaheim, CA
July 14	Summer WTMS	The Huntington San Marino, CA
Aug 18	TBD	
Oct 21	Growing Grounds walk with Don Hodel	El Dorado Park Long Beach
Dec 15	STS Scholarship Awards/Officer Installation	TBD

Interested in hosting a program in your community? We are interested in hearing from you!
 Contact heather@streettreeseminar.com

Industry Events

June 1	WCISA– Connecting the Dots– Urban Trees, Human Health, and Climate Change <i>Wcisa.net</i>	Zoom
Aug 19-20	PTCA Seminar & Field Day <i>https://ptcaosd.wildapricot.org</i>	San Diego, CA
Sept 25	Municipal Forestry Institute 2022 <i>https://www.urban-forestry.com/mfi-2022</i>	Bowling Green, OH
Oct 5	WCISA—Nature Based Solutions for Healthier And More Resilient Cities <i>Wcisa.net</i>	Zoom
Dec 27	WCISA– Urban Deforestation: What Do We Know, and What Can We Do? <i>Wcisa.net</i>	Zoom

MISSION

“To provide a forum for professionals to share their experience, knowledge and expertise for the benefit of the membership and the enhancement of Southern California’s Urban Forest”.



**Street Tree Seminar is your
 Los Angeles / Orange
 County Regional
 Forest Council**

VISION

“To enhance the health and beauty of Southern California’s Urban Forest”.