

Growing On: Managing Healthy Urban Landscapes

Part Two, November 18, 8:00 – 11:30 a.m.

Topics and Presenters

Sooty Bark Disease in Pacific Northwest Maples: (Starts at 0:30 in recording.)

Sooty Bark Disease is a new plant disease in the Seattle area. This fungus is infecting several types of maple trees and has the potential to cause illness in humans. This talk will show you how to identify signs of Sooty Bark Disease, explain how the infection progresses and spreads in trees, and how to work safely around this organism. It will also discuss why we are now seeing this disease pop up in our area.

Chris Rippey

Chris Rippey is a Certified Arborist, Registered Consulting Arborist, and founder of the Pacific Northwest Tree Failure Database. He is the 2019 Arborist of the Year for the Pacific Northwest chapter of the International Society of Arboriculture. He has been working in the field of arboriculture for over 22 years.

How to Weed Trees and Influence People: (Starts at 57:57 in recording.)

Marta's presentation covers invasive tree species in King County including impacts, identification, control techniques and management considerations. Marta will take an IPM approach to control, focusing on targeted herbicide approaches that are effective while minimizing negative environmental impacts. Species covered will include English laurel, English holly, Tree of Heaven, Black Locust, and English hawthorn. The presentation will also touch on the implications of the relationship between Tree of Heaven and the invasive Spotted Lanternfly.

Marta Olson is the Education Specialist with the King County Noxious Weed Control Program. She has a background in theatrical costumes and wardrobe, landscape design, and community engagement. Marta is passionate about finding ways to connect all residents of King County with their natural environment in ways that promote ecological and human health and community well-being.

Protecting Seattle's Trees from Common Pests and Preparing for Invasive Insects: (Starts at 1:29:27 in recording.)

This double feature presentation will provide an overview of common tree pests and issues encountered in the right-of-way as well as a 2020 update to 2019's presentation, which broadcasted the newly released statewide Urban Forest Pest Readiness Playbook and introduced the City of Seattle's first steps in forming their own invasive pest response based on the self-assessment and guidelines outlined in the Playbook.

Stephanie Helms and Nolan Rundquist, Seattle Department of Transportation

Stephanie Helms is a district arboriculturist with the Arborist Office in SDOT Urban Forestry. Stephanie started out as an invasive species management specialist where she ran invasive plant programming and participated in Baltimore City's emerald ash borer response in 2015. Using the new Urban Forest Pest

Readiness Playbook, her experience of being directly involved with an invasive pest response, and her skills in interagency coordination, Stephanie and fellow city colleagues formed the Seattle Committee for Invasive Pests to streamline protocol across departments and facilitate a future rapid response for when an invasive pest is detected within the City.

Nolan Rundquist is the City Arborist for SDOT Urban Forestry and has supervised the Arborist Office operations for the past 21 years after his position as City Arborist in Fremont, Nebraska. He was a member of the ISA and SMA Committee that developed the Municipal Specialist credential, sat on the ISA Test Committee for 7 years, and was then on the ANSI A300 Committee that set national standards for tree care that are followed today. Nolan continues to train and lead a team of arborists responsible for ensuring proper tree care and safety in the right-of-way, collaborates with urban forestry professionals across departments, and is an integral figure in multiple urban forestry efforts such as street tree inventory and pest management.

Asian Giant Hornets and Outdoor Worker Safety: (Starts at 2:24:35 in recording.)

A 30-minute presentation on Asian giant hornet offered by the Washington State Department of Agriculture. The Asian giant hornet is the world's largest hornet and poses a threat to honeybees, human health, and agriculture. The presentation will include identification of the target pest, trapping and eradication efforts. The webinar will conclude by addressing outdoor and farm worker safety.

Cassie Cichorz, Asian Giant Hornet Outreach & Education Specialist, Plant Protection-Pest Program | WSDA

Cassie serves as part of the Asian giant hornet response team at the WSDA. She worked in natural resource sectors across the Midwest, and taught kindergarten through second grade on an indigenous reservation. Cassie's goal is to prevent the establishment of Asian giant hornets by delivering project information, implementing outreach activities, and build a positive public momentum.

Contacts and Resources

Sooty Bark Disease in Pacific Northwest Maples:

Chris Rippey: Chris@RippeyAboriculture.com

How to Weed Trees and Influence People:

Marta Olson: molson@kingcounty.gov, (206) 218-3343

References:

- Stokes, Lopez, and Thiel; *Invasive Prunus spp. In St. Edward Park* (2017): <https://www.uwb.edu/getattachment/CBLR/faculty-resources/field-sites-and-community-partners/Prunus-2017-Report-to-State-Parks.pdf?land=en-US>
- EarthCorps; *English Holly (Ilex aquifolium) Herbicide Treatment Study* (2013): http://www.earthcorps.org/ftp/ECScience/Projects/Holly_Treatment_Study_Report_2013.pdf

- Al Smith; *How Washington Nearly Became the Holly State*, In Douglasia (2013):
https://your.kingcounty.gov/dnrp/library/water-and-land/weeds/Slideshows/Smith_How_Washington_nearly_became_the_holly_state_DouglasiaWinter2013.pdf
- Penn State Extension; *Herbicides and Forest Vegetation Management* (2017):
<https://extensionb.psu.edu/herbicides-and-forest-vegetation-management>
- Ailanthus Control and Spotted Lanternfly Trap Tree Approaches webinar (2020):
<https://extension.psu.edu/ailanthus-control-and-spotted-lanternfly-approaches>
- Verticillium nonalfalaeas a biologicac control agent for Tree of Heaven webinar (2020):
<http://www.forestrywebinars.net/webinars/verticillium-nonalfalae-as-a-biological-control-agent-for-tree-of-heaven?sr=wp~mkt-whenPub>
- EZ-Ject Weed Lance how to videos: <https://www.arborsystems.com/ez-ject/ez-ject-lance/ez-ject-lance-how-to-videos/>
- 4-County CWMA; *Integrated Weed Maintenance Calendar* (2020):
<https://4ccwma.files.wordpress.com/2020/11/2020-invweed-calendar-nov2020.pdf>

Protecting Seattle’s Trees from Common Pests and Preparing for Invasive Insects:

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Washington Invasive Species Council Reporting Online or App: <https://invasivespecies.wa.gov/report-a-sighting/>

Urban Forest Pest Readiness Playbook: [Urban Forest Pest Readiness Playbook, Download it Today! – Urban and community Forestry in Washington State \(wordpress.com\)](#)

Asian Giant Hornets and Outdoor Worker Safety:

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