

ALOHA ARBORIST ASSOCIATION
February 17th, 2016
MEETING MINUTES
Location: The Old Spaghetti Factory, Ward Warehouse

Members in attendance: J Zambo, Steve Connolly, Steve Nimz, Desiree Page, Dudley Hulbert, Jolie Wanger, Ilana Nimz

1) Call to Order & Approval of Minutes

Meeting called to order by President J Zambo at 7:07 p.m.
The 1/20/2015 Minutes were approved with corrections.

2) Old Business

a) Training

- i) WCISA/AAA Tree Fungi in Hawaii workshop – 3 Pesticide Applicator CETs approved. WCISA giving AAA members a discount. Desiree will volunteer to help with Registration & sign-in.
- ii) Hands On Training at Lyon Arboretum (Steve Connolly) – tabled
- iii) Tree Appraisals Workshop – Targeting 9/1/16. 21 people said yes. Impressive response. Steve Nimz offered to do the class for free and give money to AAA. If the cost is reasonable with James we should go with him to hear from someone new.
- iv) Meeting with CTAHR Dean 2/19 at 1:30pm - Dudley, Carol & Steve Nimz will attend the meeting.

b) Hawaii TCC 2015 – Signed donation letter needed from AAA President (see email from Greg). Jolie will send list to J. J Needs contact info for thank you letters. Ilana was planning to send photos to J. Steve Connolly to Provide top 3 winners to J.

c) Public Outreach/Community Service – Steve looked into ownership. It is in fact state property therefore it's the State's kuleana. The lady who brought it up is happy because now she knows the ownership and can follow up. She is going to try and get the state to work on it. Steve Nimz and Steve Connolly will inquire at exceptional tree meeting. Maybe AAA associated contractor can get contract through state and work through AAA.

3) New Business

a) Pest of the Month – Polyphagous Shot Hole Borer - *Euwallacea* sp. - and Fusarium Dieback (*Fusarium* sp.) beetle/ disease complex. There was a possible reporting of the pest- see attachments. Steve Connolly - not PSB- he has a friend who works on this. Friend does research on *fusarium* relationship with the beetles. Hosts: Most likely hosts in Hawaii are avocado and coral tree but it has attacked a wide range of trees in Southern California.

- i) Distribution: California (with potential for spread to Hawaii.) This beetle is being called the Polyphagous Shot Hole Borer and is genetically distinct from the very similar ambrosia beetle, Asian Tea Shot Hole Borer, *Euwallacea fornicatus*. This beetle species (PSHB) has been found in Israel and caused damage to commercial avocado orchards there.
- ii) Damage: Disease is caused by a new, yet unnamed fungus *Fusarium* sp. that forms a symbiotic relationship with the *Euwallacea* sp. beetle, which serves as the vector. PSHB attacks frequently cause bark staining and discoloration. Adult females construct branching galleries that can penetrate into the wood approximately 8 cm. The symbiotic fungi stain the galleries a brown to blackish color. Injury symptoms include small round adult entry/exit holes; fine white-to-tan- colored boring dust; staining, gummosis, or sugaring on the bark exterior near entry holes; and crown and

branch dieback. The ambrosia beetle can attack all size classes of hosts (ranging in size from 2–81 cm diameter at breast height.) iv) Control: If trees are infected, systemic insecticides generally are poor for treating ambrosia beetles. Prophylactic spraying of the bark could be used to protect uninfected trees in some situations. Sterilize pruning tools between uses to avoid spreading the fungus. Chipping and solarizing/tarping infested wood can help to limit the spread of the beetle/fungus complex. Wood should be chipped to pieces smaller than 1". v) See information at:

UC Center for Invasive Species Research:

http://cistr.ucr.edu/polyphagous_shot_hole_borer.html

USFS:

<https://gallery.mailchimp.com/f53528a5c9bea38c9fe83e8e9/files/stelprdb5441594.pdf>

UC DANR: http://ucanr.edu/sites/socaloakpests/Polyphagous_Shot_Hole_Borer/

- b) Proposed Wood Decay – Resistograph Training - Wait for Kevin to give info to AAA and we can publicize.
 - c) Urban Garden Center Outreach – regular month. Aiming for August. Dudley will follow up with Jayme.
- 3) Announcements
- a) Western Chapter TCC – 3/19-20/2016 at Santa Barbara, CA. Jamilee is not going, not sure if anyone can go.
 - b) ITCC – 4/1-3/2016, San Antonio, TX - Jamilee and Steve Connolly going. Misty will be there running workshops and registration.
 - c) WCISA Annual Conference – Magic in our Urban Forests, 5/2-5/2016, Anaheim, CA (Disneyland) – It seems like there isn't much meat to the program. Desiree would like to go. Dudley is going and signed up for a behind the scenes tour of Disneyland. Carol is presenting.
 - d) ISA Annual Conference – 8/13-17, 2016, Fort Worth, TX
 - e) LICH - Garret is applying for interesting grants to sponsor classes - LICH will match tuition 1:1 – has to go through LICH. If we run a class/ workshop we can run it through LICH and they give Company employees half off fee.

Meeting adjourned by J at 8:09pm.

The next meeting is scheduled for March 16th, 2016, 6:30pm, Location The Old Spaghetti Factory