

CALIFORNIA INVASIVE SPECIES ADVISORY COMMITTEE (CISAC)
Invasive Shot Hole Borer Sub-Committee
Survey – Early Detection and Rapid Response

Tuesday, April 29th 2019

Meeting Notes

Meeting Action Items

- **Next Meeting: Monday, May 20th, 2019 from 9:00 am to 11:00 am**

Working Groups:

Sub-Sub-Committee	Charge	Participants
Trapping:	Develop plan for trapping, including: <ul style="list-style-type: none"> ● Where – high-priority areas ● Where data should go, and who will get it there 	Coordinator: Andrea Hefty Participants: Curtis Takahashi, John Kabashima, Madeleine Rauhe, Matt Kaiser, Ed Williams
Visual Surveys:	Develop protocol for tiers of surveys, including: <ul style="list-style-type: none"> ● Expertise for each tier ● Tools ● Reporting mechanisms ● Where data should go, and who will get it there 	Coordinator: Rosi Dagit Participants: Kim Corella, Sabrina Drill, Gretchen Heimlich, Beatriz Nobua-Behrmann, Jamie Whiteford, Abigail Barraza, John Kabashima, Curtis Takahashi
Rapid Response:	<ul style="list-style-type: none"> ● Develop protocols for removal of highly infested trees in wildlands ● Public outreach ● Regulator authority ● Funding 	Coordinator: Ed Williams Participants: Dr. Kabashima, Chris Oesch, Rosi Dagit, Madeleine Rauhe, Andy Richards, Kim Corella

Laboratory Working Group	<ul style="list-style-type: none"> ● Develop a system for laboratory Identification that would involve initial screenings and follow-up official identification for action ● Report at the next meeting 	Coordinator: Shannon Lynch Participants: Steve Gumari, Alexey Tishechkin, Richard Stouthamer, Akif Eskalen, John Kabashima, Curtis Takahashi, Suzanne Latham, Sheryl Blomquist and Nick Condos
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Other Action Items:

- **David Pegos** will inquire regarding a trapping coordinator (Matt Kaiser).
- **Shannon Lynch and Tom Smith** will confirm with Akif Eskalen that there are no new costs associated maintenance of current map.
- **Tabled to Research** need to identify protocols that nurseries can take to be declared free from ISHB.

Consensus Reached:

- Dr. Akif Eskalen’s current map located on PSHB.org will be the unified map.
- Requests for proposals’ will use sticky traps.
- Counties will do the initial screening.
- CDFA will be the centralized place samples are sent to. New locations will trigger samples that need molecular analysis will be sent to Dr. Stouthamer’s lab.

Suggested Requests For Proposals:

- One full time trapper and visual inspector each doing 10 to 15 traps per day March through October in 5 leading edge counties (Los Angeles, San Bernardino, Ventura, Santa Barbara, Riverside).
- 48 to 50 traps in Tier 2 counties Kern and SLO (contiguous to the leading edge counties).
- 20-24 traps bi-weekly servicing per county in remaining counties.
- A coordinator to help prioritize the trapping locations and density. (Dr. Stouthamer)
- Training Program for visual surveys with one trapper and visual inspector.
- Trapping program at large tree nurseries in GWIS infested areas.
 - Follow-up survey work when there is a detection to determine the source of the trap find.
- Homeowner permission tree removals as long as they are CEQA compliant.
- In Coordination with Outreach and Education Sub-Committee develop a Rapid Response Kit for Leading Edge Counties. PR, Education, etc.

Meeting Proceedings

Sub-Committee Co-chair Commissioner Ed Williams called meeting to order at 2:06 pm. Commissioner Williams reviewed the minutes from the meeting on April 16th and asked for a motion to approve the

minutes. Shannon Lynch moved to approve the minutes. Curtis Takahashi seconded the motion. There were no objections so the minutes were approved by unanimously.

5. SUB-COMMITTEE BUSINESS/DISCUSSIONS: Development of ISHB Action Plan

Laboratory Services

Shannon Lynch reported that the laboratory working group met to come to a consensus regarding labs.

The working group had many questions regarding:

- Who is doing the sampling?
- How many samples they will need to process?
- Who will be sending the samples?
- If the samples will be needed for a regulatory purpose.

Ms. Lynch clarified that CDFA has the equipment to do molecular analysis but it may be more efficient to forward samples that need molecular analysis to Dr. Stouthamer's lab.

In future working group meetings the labs will coordinate to set up protocols. The laboratory services working group, who will be sending the samples, and if the samples be needed.

It is their working group recommendation that regulatory samples will be sent first to CDFA but then can also be shared with other labs as needed.

Trapping working group is developing a leading edge.

Consensus that Akif Eskalen's current map located on PSHB.org will be a unified map.

Trapping Working Group

- **RFP:** one full time trapper and visual inspector each doing 10 to 15 traps per day March through October in 5 leading edge counties (Los Angeles, San Bernardino, Ventura, Santa Barbara, Riverside)
- **RFP:** 48 to 50 traps in Tier 2 counties contiguous to the leading edge counties 48 to 50. Kern and SLO.
- **RFP:** 20-24 traps bi-weekly servicing per county in remaining counties.
- **Consensus** around using sticky traps.
- **Consensus** that the counties will be the initial screening.
- **Consensus** CDFA be centralized place samples get sent to.
- Dr. Stouthamer's lab could do batching of samples to see percentages of each species.
- Molecular identification could be useful in identifying pathways.
- CalMap grid developed by Los Angeles County.
- There was some discussion about UC ANR continuing to be the mapping hub.

- **Action Item: Shannon Lynch and Tom Smith** will confirm with Akif Eskalen that there is no new costs associated maintenance of current map.
- It was agreed if the beetle is a new site then the beetle should be sent to Dr. Stouthamer's lab for further analysis.
- Shannon stated that in Topanga Canyon they spaced traps 1 mile apart.
- Augment existing contracts and create new contracts where no current trapping contract exists.
- **RFP** a coordinator to help prioritize the trapping locations and density. (Dr. Stouthamer)
- **Action item:** David Pegos will inquire regarding a trapping coordinator. (Matt Kaiser).
- U.S. Forest Service will continue to do trapping and will submit trapping data to Dr. Nouma-
- **RFP:** For county Agricultural commissioner's sets up grid trapping program at each of the large tree nurseries.

Tabled to Research need to identify protocols that nurseries can take to be declared free from ISHB.

Visual Survey Working Group

Done by county or NGOs as a follow up to trap finds. UC ANR has Master Gardeners for Urban areas and CDFW has team for forested area.

RFP Training Program for Visual surveys one trapper and visual inspector.

Citizen Scientist Observers in Leading Edge Counties similar to what Rosi Dagit is developing.

Rapid Response Working Group

Ed Williams went over the rapid response matrix developed by Dr. John Kabashima. There was discussion regarding regulatory hurdles of removing trees on private property. Those receiving RFP funds will be required to be CEQA compliant. CDFA has had a lot of success with voluntary compliance with citrus trees.

6. PUBLIC COMMENT ON ITEMS NOT ON THE AGENDA

- Curtis Ewing had a concern that it will be hard to train people in the north state in visual survey. He requested that there be funds both to transport people into the infested areas so they can see the pest or send up samples of infested trees to northern California ag commissioners offices.
- Sophia Yun received clarification why we are using the GWIS infested area nurseries.

Next Meeting – Tentatively, Monday, 20th, 2019 from 9:00am to 11:00am

7. ADJOURNMENT

Meeting was adjourned at 4:33pm.

Meeting Participants

First Name	Last Name	Affiliation
Andrea	Hefty (co-chair)	U.S. Forest Service
Ed	Williams (co-chair)	Ventura County Agricultural Commissioner
Elizabeth	Brusati	Fish and Wildlife Service
Julie	Clark De Blasio	UC ANR
Kim	Corella	Cal Fire
Corin	Choppin	CSUS CCP (notetaker)
Curtis	Ewing	CDFA
Matt	Kaiser	CDFA
Shannon	Lynch	UC Santa Cruz
Ericka	Mora	City of Santa Rosa
David	Pegos	CDFA (Convener & Facilitator)
Joe	Scheele	Customs and Border Protection
Christopher	Shogren	UC Riverside
Michael	Scholl	CDFA
Tom	Smith	Cal Fire
Curtis	Takahashi	CDFA

Kevin	Turner	Cal Fire
Sophia	Yun	Orange County Ag Commissioner's Office