

CALIFORNIA INVASIVE SPECIES ADVISORY COMMITTEE (CISAC) MEETING

CDFA Meadowview Lab, 32984 Meadowview Rd. Sacramento, CA
Wednesday April 17, 2013

Opening:

The regular meeting of the California Invasive Species Advisory Committee (CISAC) was called to order at 10:10 a.m. on April 17, 2013, by Committee Chair Victoria Brandon.

CISAC Members Present:

Bob Atkins, Victoria Brandon, Karen Buhr, Christiana Conser, Jim Cranney, Joseph DiTomaso, Larry Godfrey, Jay Goldsmith, Vince Guise, David Pattison, Betsy Peterson, John Randall, Sheri Smith, Robin Wall

CISAC Members Absent:

Richard Forster, Andrea Fox, Doug Johnson, Marcy Martin, Jeanne Merrill, Kristina Schierenbeck, Helene Wright

Updates from CISAC members

- Vince Guise: attended the Coast Ag Commissioners meeting on April 13, where the Napa Agricultural Commissioner provided a European Grapevine Moth update. 13 moths have been trapped this year, all first generation and all found in locations where moths were found last year. This is down from 75 adults and 2 larvae last year, and more than 100,000 in 2010. CDFA has committed \$1.7 million and USDA \$6.5 million to fund the program. A year and a half with no finds is needed to remove the quarantine.
- David Pattison: 2 Light Brown Apple Moths have been found in an agricultural district in San Diego county.
- Sheri Smith: New find of gold spotted oak borer in Riverside county involving multiple large black oaks. The infestation probably originated in San Diego County and was spread via firewood. The Polyphagous Shot Hole Borer (an ambrosia beetle) is widespread from Long Beach to the southern edge of the Angeles National Forest. It's a vector for fusarium wilt and affects many different trees including avocados. The Asian Citrus Psyllid has now been found in Santa Barbara County.
- Victoria Brandon-Sierra Club increasing awareness of invasive plants (Arundo and Tamarisk)

PRESENTATIONS

- "A NIS Vector Management Approach, A Marine Focus with Wider Applications" Erin Karen-Wilt-CA Ocean Science Trust
 - Key findings from Vector Reports, Relative Risk Assessment, Options Analysis
 - Vector Reports
 - Vectors – recreational boating, commercial fishing vessels, aquarium trade, aquaculture, bait, seafood

- Define common approach for reports and data collection. Some types of data not easily accessible as previously thought due to the complexities of the social aspect of data collection (from fisherman, etc.)
 - Relative Risk Assessment
 - Finding meaningful distinctions between vectors (must be comparable across vectors)
 - Evaluate the relative risk that NIS will enter CA waters (What is the pathway and how does it compare across vectors?)
 - Entrainment (how many shipments are coming in, how many species, what is species pool?)
 - Transfer/release (survivorship, duration, % released into water)
 - Destination (% environmental match)
 - Conceptual Model Draft
 - Scoring and weighting systems
 - Reviewed by other invasive species experts
 - Find most risky pathways (low to very high risk scale) for each vector
 - Limitations of model – doesn't compare risk between the vectors
 - Pursuing Bayesian Model, basic software available to anyone (get name of software for committee)
 - Policy Option Goals
 - Identify a menu of research, education and policy options that recognize resource limitations, are complimentary, target high risk vectors, focus on prevention
 - Example: Aquarium trade
 - Analyze probability of release and provide incentives to reduce risk
 - Build a “do not release” campaign
 - Create a certification program for stores as disposal locations (like amnesty programs for exotic pets)
 - Hull fouling
 - Cost/benefit study for hull cleaning and timing
 - Add NIS Dockwalkers Program
 - Create Best Management Practice's for hull cleaning businesses and certify them (meet copper reduction targets by cleaning hulls out of the water)
 - Options Analysis
 - Lessons learned
 - Not many people doing a pathway analysis, hard to be the first one
 - Still lacking information on costs and efficacy of different programs, good starting point for conversation
 - Questions from committee
 - Christiana Conser-do you track Tsunami debris from Japan?

- David Pegos-21st Century Pest Management Conference on June 5th will have a pathways track, it would be good to get some marine folks there
- Native American Invasive Species Outreach Update-Jennifer LaBay, California Department Fish and Wildlife
 - CA Invasive Species Management Plan recommends coordination with native groups
 - Native resource agencies coordinate with tribal communities on issues that affect them
 - Focus on quagga and zebra mussels
 - Tribal Advisory Committee – tribal representatives from around state meeting to discuss concerns related to land, water and culture issues
 - She briefed them on Federal state and invasive species laws
 - Presented issue on invasive mussels to get their input and get support to implement solutions (they don't have to comply with Federal or state code, as they are sovereign nations)
 - Expand beyond mussels to other invasive species
 - Want some form of representation on other invasive species-related advisory committees, such as CISAC (get a tribal rep)
 - Tribal Water Summit outreach table (DWR event) for invasive species outreach materials
 - Questions from committee
 - Victoria Brandon-how many tribes manage waterways or recreational waters? They are working on a number? Outreach to CA Basketweavers Association (reduced native materials and pesticide concerns)
- “Buy It Where You Burn It”-Dr. Tom Smith, CalFire, California Firewood Task Force
 - Part of the CA Forest Pest Council (agency partners)
 - Firewood movement a major pathway of moving pests both into and around the state
 - Campaign-more positive approach than “Don't Move Firewood”
 - Firewood really moves around in large quantities, this was a big surprise to many people
 - Trend is increasing exotic forest pests (1/3 of pests reported are exotic to CA)
 - It only takes one pregnant female insect
 - Towns in the Eastern U.S. are going bankrupt because of the cost of removing their ash trees (emerald ash borer)
 - Firewood movement – in 2012 there was 12.5 million lbs. of firewood in first 10 months, from 43 states, 122 potential forest pests intercepted.
 - Commercial loads are usually treated properly; they are worried about small loads in campers and small vehicles.
 - Gold spotted oak borer, zone of infestation in San Diego County and spreading, will probably be expanded to Riverside County 30 square miles of damaged oaks, older trees on forest edges. Probably came from firewood from AZ. Spread to

Riverside from firewood. They have mapped the infested trees and are looking for more infested trees. Doing citizen training.

- Questions from committee
 - Joe DiTomaso-how many beetles does it take to kill a tree? It depends on the size and species of the tree. Black oaks (*Quercus kelloggi*) die more quickly than other species.
 - Christiana Conser-do you reach out to tree removal companies? Yes, tree removal companies, arborists, and Boy Scouts.
 - Victoria Brandon-how do commercial companies sterilize wood? They dry it or fumigate.
 - Joe DiTomaso-are we concerned with other types of wood? Yes, like wood packing materials (pallets).
 - Karen Buhr-RCD's could help get information out there
- Laird Bill Overview-CDFA Legal Staff

Committee Business

- Bob Atkins moved and Joe DiTomaso seconded to approve the May 24, 2012 and January 16, 2013 minutes as presented. All in favor, none opposed.
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WORKSHOP

- Deliverable for SCBG-discuss Implementation of Strategic Framework
- Comments from committee
 - Leadership
 - Victoria Brandon-make finding funding for prevention the highest priority
 - Christiana Conser-find new funding streams
 - Bob Atkins-drill into more detail on programs work with some specificity, might find untraditional funding sources. Ask agencies to restore funding where available. Work with coalitions such as Cattleman's. There are lots of program that work through coalitions that have little state or federal money. Find ways to invigorate those efforts.
 - Jim Cranney-This is really a political issue – the governor decides where to give money and take it away. We can have an impact on this highly political issue but we have to be working in this political sphere. He cannot lobby and work in this space. Who is working on this issue as their primary focus? Suggests that we work in capital on this issue on a daily basis.
 - John Randall-Agrees with Jim, need to associate with a lobbying group like the California Invasive Plant Council (Cal-IPC), The Nature Conservancy. We can provide factual information for groups about what can be rebuilt, what budgets were before cuts, etc.
 - Bob Atkins-CACASA works in invasive species, looks at pathways and where to focus (high risk pest exclusion). These programs have broad benefits. They have lobbyists.

- Victoria Brandon-California Farm Bureau Federation, Andrea is a lobbyist
- Jim Cranney-ask Andrea if California Farm Bureau Federation can organize a coalition on invasive species issues.
- Bob Atkins-we can serve as a catalyst and can represent a large swath of stakeholders. We need to get those who are already lobbying to be a voice for this issue.
- Karen Buhr-We can help identify the coalition and help them set priorities. We need to convince them why they should spend their lobbying dollars on this. We need to develop a consistent message for them. A unified ask...
- Jim Cranney-Who is lead organized for invasive species outreach? CDFG does some and so does National Park Service, CA Department of Fish and Wildlife, US Fish and Wildlife Service, Cal Environmental Protection Agency. Garden magazines-saw a feature in Sunset on Asian Citrus Psyllid. How do we get the message out and do more things like that?
- David Pegos-They worked for 5 months on getting this issue. Sunset doesn't want to feature invasive species since they are trying to sell garden products. Since ornamental plants are a major invasive plant pathway, this presents a conundrum for them.
- Jim Cranney-We should put something in in-flight magazines about not moving plant products around.
- David Pegos-Used to play a video on some airlines to Jamaica and Hawaii.
- Christiana Conser-Can they do this through Homeland Sec, advertise?
- Robin Wall-Don't Pack a Pest campaign in Florida-luggage tags, billboards, advertising, etc. with American Airlines.
- Bob Atkins-How do they do that with the Specialty Crop Block Grant and Farm Bill funding? How can we do this for domestic flights not just international?
- David Pegos-We will pursue Farm Bill funding next year. Might be able to get funding from FL. "Know Before You Go" – more positive message.
- Bob Atkins-LC-2 outreach should include federal agencies such as U.S. Forest Service.
- Prevention and Exclusion
 - Vince Guise-PE-8 should be highest priority, partner with USDA on improving quarantine (similar to Australia). It's a larger issue than just the pet trade
 - Jim Cranney-We should be telling people when they get off planes about pests. Provide amnesty bins. How do we get permission from airport owners?
 - Robin Wall-Amnesty bins can spread food flies or be disposal places for other contraband materials. We should present the FL campaign to airports like San Francisco International Airport (SFO) and with airlines.

- David Pegos-First step is to get funding, then we can reach out to airports.
 - Detection and Response
 - Bob Atkins-DR-3-ID regulatory hurdles, we should know what they are. CACASA/coalition can help work on those issues.
 - Victoria Brandon-we need to pull together a list of those specific recommendations
 - Eradication and Management
 - Joseph DiTomaso-Change EM-1 change to “biocontrol effort is now minimal”
 - Bob Atkins-weeds areas are difficult to fund with SCBG and Farm Bill, especially non-agricultural weeds. We need to identify other funding sources
 - Jim Cranney-EM-1-This is closely linked with the appropriations goal, we can’t expand IPM if we don’t have funding for it but this could be work for the political coalition, could be supported because of desire to reduce pesticide use. Should have a high probability of making progress.
 - David Pegos-Bio control is more accepted with the public...
 - Victoria Brandon-Can also be potentially a more self-sustaining solution.
 - Joseph DiTomaso-also prioritize prevention
 - Sheri Smith-EM-2 should be changed, as there are active pest partnerships, firewood, sudden oak death (not in the weed area). Weeds=red, bugs=green.
 - Bob Atkins-Are utilities included in ISCC? Can we include them through the Public Utilities Commission? How about county roads (not CalTrans)?
 - Joseph DiTomaso-Peter Beesly at PG&E is investing in better techniques to reduce weed spread. Electric Distributors Research Institute, John Goodrich Mahony.
 - David Pegos -can we engage with utilities?
 - Bob Atkins-what about petroleum companies, irrigation companies. Find public works and environmental health organizations to coordinate activities with.
 - Victoria Brandon -let’s identify those organizations.
 - Bob Atkins-EM-9-How do we improve the detection and eradication response. Finding small populations when eradication is actually possible. Facilitate completion of NEPA documentation on all federal land. Ag Commissioners want to manage land adjacent to U.S. Forest Service land.
 - Sheri Smith-NEPA docs cost \$1 million each, Forests are completing them at different stages. Pursue through Congress... Working on adjacent lands issues, they are waiting to hear back from CACASA
 - Bob Atkins-EM-10-Who is the target audience? We should focus on some of the agencies.
 - Bob Atkins-Do we broaden the scope beyond ag pests? What are the legal constraints of the CCR and 4500.

- David Pegos-get Dean Kelch to give an update on progress, and give some specific recommendations
 - Outreach and Public Engagement
 - David Pegos-OPE-1. We have tried to use a consistent message for invasive species.
 - Jim Cranney-could we do outreach with Boys and Girl Scouts to develop a “patch” for invasive species.
 - David Pegos-Not yet, we could expand beyond Ag in the Classroom. Some concern about influencing children.
 - Victoria Brandon-4H, FFA, other outlets
 - Fundamental and Applied Research
 - Robin Wall-remove specific names (Jake Brimlow)
 - Sheri Smith-Be careful about too much “No Progress” on report. Who is audience? Show progress and concerns...
 - John Randall-for some groups of species we are doing well, for other less progress has been made. Should we divide up by taxa type or agricultural versus non-agricultural? Acknowledge where the state is doing well and highlight small areas of need.

UPDATES

- Website-Victoria Brandon
 - 400 hits/week (Austin Webster, CDFA)
 - CISAC video is most watched on CDFA website
- Farmers Market Brochure-Victoria Brandon
 - Brochures were distributed to committee
 - CACASA is doing distribution to ag commissioners and in 50 farmers markets.
 - Printed 20,000 brochures and 500 posters initially
 - Goal is get feedback on approach
 - Surveys in farmers markets (in person) or online to judge invasive species awareness and resonance with issues in brochure.
 - This information is online, will become an outreach website if we get funding.
- Pathways Analysis-Christiana Conser: will be a discussion track at June 5 21st Century Symposium
- Legislative Update-Austin, CDFA
 - Session started, over 2,000 bills
 - Governor in China, pathways an issue with trade
 - AB571-citrus
 - AB763-aquatic pest plants in Delta, give CA Department of Boating and Waterways expanded authority for other plants. Bill passed committee yesterday.
 - He will send out to committee for comment
- 2013 Specialty Crop Block Grant-Andrea Fox
 - Strong proposal for some serious outreach
- 21st Century Pest Management-David Pegos
 - Wed. June 5th

- Oakland California Ballroom
- Keynote speaker-Dr. Peter Raven, Missouri Botanical Garden
- Ric DeLeon-Metropolitan Water District of Southern California
- Weed person? Joe finding someone to talking about invasive plants. What did last 10 years look like? What about next ten years? Possible speakers include Carla D'Antonio, Doug Johnson.
- Animal specialist-looking for a feral pig specialist. Maybe Bob Atkins...
- Two tracks-conceptual and pathways
 - Engage participants, tighten up pathways document
 - Show them Strategic Framework and get feedback
- Tour of Port of Oakland to view this potential pathway
 - RSVP early to get clearance

Public Comment

- Jane Kelly-CA Environmental Health Initiative
 - Can CISAC announce agenda changes at beginning of meeting for public callers?
 - Questions about CDFA PEIR in Jan 2013 meeting. They haven't received responses to their requests. They received information about cost of preparing PIER, the cost is over 50% over budget and scope has been reduced. Since that time, the scope and cost has changed, so they feel that there should be another public meeting process. They want the process to be more transparent. There is mounting opposition to CDFA PIER's.
- Tom Kelly
 - Laird bill overview-which Laird bill is this referring to?
 - Victoria Brandon: AB 2763, mandating advance planning

ADJOURNMENT

The meeting was adjourned at 3:45 PM

Minutes taken by CISAC Secretary Christiana Conser