

Year:	2014
State:	Connecticut
Cooperative Agreement Name:	Cooperative Agricultural Pest Survey
Cooperative Agreement Number:	14-8209-0327
Project Funding Period:	January 1 – December 31, 2014
Project Report:	CAPS Infrastructure Report
Project Document Date:	February 28th, 2015
Cooperators Project Coordinator:	
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Quarterly Report	<input type="checkbox"/>
Semi-Annual Accomplishment Report	<input type="checkbox"/>
Annual Accomplishment Report	<input checked="" type="checkbox"/>

A. Compare actual accomplishments to objectives established as indicated in the workplan. When the output can be quantified, a computation of cost per unit is required when useful.

- **Activities:**

- **Committee Service:**

- Katherine Dugas, SSC, maintained contact with the CT PPQ office and state CAPS committee.
 - Katherine Dugas and general worker ran the spring statewide CAPS committee meeting on May 30th.
 - CAPS worker Nicole Gabelman, along with Katherine Dugas, prepared minutes of spring statewide CAPS committee meeting.
 - Katherine Dugas developed 2015 CAPS work plans based on feedback from committee discussions.
 - Katherine Dugas ran the fall statewide CAPS committee meeting on November 6th.

- **Other Survey Work:**

- Katherine Dugas coordinated with Dr. Joe Elkinton of UMass to release 2,000 *Cyzenis albicans* flies as biological control for winter moth in Beebe Pond Park in Groton CT. SSC visually surveyed for winter moth larvae in red maple buds at the park prior to scheduling the release.
 - Katherine Dugas ordered additional trapping supplies from IPHIS in April due to increased survey plans for 2014.
 - Katherine Dugas ordered trapping supplies and lures from IPHIS in November for 2015 Oak/Maple survey.
 - Katherine Dugas spoke with Dr. Joe Elkinton of UMass regarding winter moth trapping in December, and arranged to be sent lures.
 - Two winter moth traps were set up the weekend of December 20-21, one in Clinton and one in Old Lyme. They will be screened the first weekend of January.

- **Outreach and Education:**

- **Interviews (TV/Radio/Newspaper/Magazines):**

- Katherine Dugas was interviewed by Judy Benson for a newspaper article regarding the winter moth biological control release in Groton CT. The article was published in The Day on May 16th.
 - Katherine Dugas was interviewed on the 1400 WILL morning radio show on May 26th in Willimantic CT along with DEEP Forester Chris Martin regarding winter moth.
 - Victoria Smith was interviewed by Patrick Skahill of WNPR Public Radio on November 17th, concerning upcoming changes to the emerald ash borer quarantine.

- Victoria Smith was interviewed by Pam Weill of Connecticut Gardener Magazine on November 20th, concerning issues facing gardeners in 2014.
 - Katherine Dugas and Chris Martin spoke with Bob Miller of the Danbury News Times regarding the expansion of the EAB quarantine in CT. An article appeared in the newspaper on November 29th.
 - **Outreach materials (Pamphlets/ brochures/ posters):**
 - Ellis, D. 2014. 2014 Christmas Tree Insect Survey Project: Your Help Is Needed. Fact Sheet. 3 pp. (<http://ipm.uconn.edu>)
 - **Publications:**
 - Jude Hsiang of UConn wrote a newsletter article for Fabienne Audette, editor of the Christmas Tree Growers' newsletter July issue.
 - Ellis, D. 2014. Christmas Tree Survey. The Real Tree Line 54(2):12, Spring 2014
 - **Public Service Announcements (PSA):**
 - On December 4th, CAES, DEEP and USDA APHIS PPQ held a joint public hearing at the Middlesex County Extension office regarding the statewide extension of the EAB quarantine due to its discovery in Middlesex and New London counties.
- **Meetings:**
 - **Conference calls:**
 - Katherine Dugas attended CAPS SSC Conference Calls on March 20th, June 19th, November 6th, and December 17th.
 - **Conferences:**
 - 13-17 January 2014: Victoria Smith participated in a meeting of the National Plant Board Systems Approach to Nursery Certification Agricultural Regulations working group, held at the Holiday Inn-Orlando Airport, located in Orlando Florida; 60 participants.
 - 14, 15 January: Katherine Dugas staffed a CAPS information table at the winter meeting of the Connecticut Nursery and Landscape Association in Manchester CT.
 - 16 January: Katherine Dugas staffed a CAPS information table at the Connecticut Tree Protective Association winter meeting in Southington
 - 7-10 April 2014: Tia Blevins, Katherine Dugas, Steve Sandrey, Vicki Smith, and Peter Trenchard traveled to Princeton, New Jersey, to participate in a joint meeting of the Cooperative Agricultural Pest Survey, the Eastern Plant Board, and the Horticultural Inspection Society. Katherine participated in the CAPS meeting with discussions on trapping, surveys, outreach, and data management. The CAPS tour included a visit to the

Philip Alampi Beneficial Insect Rearing Facility, where biocontrol agents for the control of plant pests such as mile-a-minute vine and purple loosestrife are reared, and the New Jersey Department of Agriculture's Public Health Environmental and Agriculture Laboratory. Peter, Steve, and Tia participated in the HIS meeting, with discussions on boxwood blight, inspection exercises, and new insect pests. Vicki participated in the EPB meeting, with discussions on export policy, funding for surveys, and industrial hemp laws. The HIS/EPB tour included a visit to the Port of New Jersey, with demonstrations of cargo searches by Customs and Border Protection, and to the Linden (NJ) Plant Introduction Station, where incoming plant commodities are inspected for potentially-harmful insects and diseases.

- 15 May 2014: Victoria Smith participated in a meeting of the Yale Biosafety Committee, held at 135 College St. New Haven; 15 participants.
- 19-22 May 2014: Victoria Smith participated in a meeting of the National Plant Board Board of Directors, as a representative of the Eastern Plant Board, held at the USDA-APHIS Plant Inspection Station, Los Angeles, California; 15 participants.
- 19 June 2014: Victoria Smith participated in a meeting of the Yale Biosafety Committee, held at 135 College St. New Haven; 15 participants.
- 16 July 2014: Katherine Dugas and Victoria Smith participated in the CT Nursery and Landscape Association Summer meeting, held at VanWilgens Nursery and Garden Center, North Branford; 200 participants.
- 17 July 2014: Katherine Dugas and Victoria Smith participated in the CT Tree Protective Association Summer Meeting, held at the Farmington Club, Farmington. Victoria Smith gave a talk titled "Thousand Cankers Disease: a Threat to Walnut"; 200 participants.
- 27-31 July 2014: Victoria Smith participated in the 88th annual meeting of the National Plant Board, as a representative of the Eastern Plant Board, held at the Hilton by the Ballpark in St. Louis, MO; 200 participants.
- 29-30 September 2014: Victoria Smith, Katherine Dugas, Tia Blevins and Peter Trenchard participated in the Horticultural Inspection Society Systems Approach to Nursery Certification workshop, held at Monrovia Nursery in Granby and at the Windsor Valley Lab; 25 participants.
- 1-2 October 2014: Victoria Smith participated in the annual meeting of the US Forest Service Northeast Area Cooperators, held at Waquoit Bay National Estuarine Research Preserve, Falmouth, MA, with discussions on winter moth, EAB, aerial survey, and Cynipid gall wasp; 25 participants.

- **Webinars:**
 - On March 19th, Katherine Dugas attended the NAPIS 3.0 Webinar.
- **Training:**
 - On March 4th Victoria Smith organized and participated in the annual Forest Health Workshop, held at Fort Trumbull State Park Conference Center, New London. 60 participants listened to 12 presentations by scientists from CAES and University of Connecticut on topics of interest to foresters and arborists.
 - 26 March 2014: Victoria Smith participated in a workshop on the new Federal Order concerning *Phytophthora ramorum*, held at the USDA-APHIS-Plant Protection and Quarantine office in Wallingford, CT.
 - 2 June 2014: Victoria Smith, with Tia Blevins and Peter Trenchard, participated in an Aerial Survey Aviation Safety workshop, sponsored by the US Forest Service, at Granite Air, West Lebanon, New Hampshire; 20 participants.
 - On 6/17, Katherine Dugas attended a cooperative agreement training run by Nichole Carrier.
 - On 12/15, 12/16, and 12/17, Katherine Dugas and state bee inspector Mark Creighton were trained in winter tree ID by CAES inspector Peter Trenchard.
- **Other:**
 - On February 27th Katherine Dugas spoke at the Denison Pequotsepos Nature Center in Mystic CT about the CAPS Program and 2013 survey results. The nature center hosted a CAPS trap in 2013.
 - On June 19th, Jude Hsiang of UConn attended the CT Christmas Tree Growers Association Twilight Meeting in Newtown on June 19, 2014. Tom Rathier, Yonghao Li, and Todd Mervosh (CAES) were in attendance. Jude provided a demonstration by setting up a cross-vane panel trap and the pheromone lures and attractants to show the attendees, and information on the exotic spruce longhorned beetles and other exotic insect pests was distributed to 30 people. She hopes to attend the July and August meetings in Windsor and Middletown to thank the participating growers and emphasize the importance of continued scouting and reporting of anything unusual, as some of the growers are just beginning with their Christmas tree farms.
 - SSC revised the CAPS 2014 survey and infrastructure work plans and budgets due to a change in personnel.
 - SSC revised the Forest Pest Project FY13 work plan and budget due to a change in personnel.
 - SSC prepared Farm Bill work plan for the FY14 Forest Pest Project.

- In October, SSC prepared and submitted 3 suggestions for FY15 Farm Bill: a continuation of the Forest Pest outreach project, an orchard commodity survey, and a vineyard survey.

B. If appropriate, explain why objectives were not met.

- All objectives were met.

C. Where appropriate, explain any cost overruns or unobligated funds in excess of \$1,000. * No cost overruns or unobligated funds have occurred.

D. Supporting Documents See appended documents.

**indicates information is required per 7 CFR 3016.40 and 7 CFR 3019.51*

Approved and signed by

Victoria Lynn Smith
Cooperator

Date: 26 Feb 2015

ADODR

Date: _____

**USDA APHIS COOPERATIVE AGRICULTURAL PEST SURVEY (CAPS) PROGRAM
STATE CAPS COMMITTEE MEETING
Wallingford, CT
Friday, May 30th, 2014; 10:00 a.m. – 12:00 p.m.**

MINUTES

Kate Aitkenhead, Nichole Carrier and Patty Rufini attended from USDA APHIS PPQ. Mark Creighton, Sharon Douglas, Katherine Dugas, Nicole Gabelman, Claire Rutledge, Victoria Lynn Smith and Kirby Stafford attended from The Connecticut Agricultural Experiment Station (CAES). Donna Ellis attended via teleconference from the University of Connecticut (UConn). Brad Robinson (pesticides) attended from the Department of Energy and Environmental Protection (DEEP).

1. Welcome and Introductions
2. Updates of 2014 CAPS and PPQ surveys and outreach programs

Surveys conducted by The Connecticut Agricultural Experiment Station (CAES):

- Bundled Tree Pest Survey:
 - a. Exotic Wood Boring Bark Beetles: European Hardwood Ambrosia Beetle, Oak Ambrosia Beetle: Katherine Dugas (CAES) is handling Lindgren funnel traps at 25 nursery sites for two species of wood boring bark beetles. Surveying for the European hardwood ambrosia beetle will end the second week of June when surveying for the oak ambrosia beetle will begin. The lures for the oak ambrosia beetle will be deployed in the second week of June and trap collecting will begin two weeks later.
 - b. Oak Commodity: Summer fruit tortrix moth, light brown apple moth: Katherine Dugas (CAES) will be handling delta traps at 25 nursery sites for the survey of these two moth species later in the summer.
 - c. Christmas tree survey: Black Spruce Beetle, Brown Spruce Longhorned Beetle -
Donna Ellis, UConn: Donna Ellis (UConn), with the help of Jude Hsiang (UConn Master Gardener) will be conducting surveys at 25 Christmas tree farms in western CT.
- *Cerceris* Biosurveillance: Claire Rutledge (CAES) has a group of around 70 volunteers to help with biosurveillance for the summer. They will be watching the activity of the wasp *Cerceris fumipennis* for the appearance of EAB.
- Mile-a-Minute biological control (UConn + CAES): Donna Ellis (UConn) is expecting 5,000 additional weevils (*R. latipes*) this summer, which will arrive in two shipments. The first shipment will contain 1500 weevils and will arrive the first week of June. The second shipment will contain 3500 weevils and will arrive July 24th. Newly infested towns will be targeted for the release of these

weevils. This will bring the total number of weevils released in the state since 2009 to around 33,000 weevils. With the colder weather this year, MAM has been coming up more slowly. It continues to spread with 8 new towns being confirmed per year.

- Lily leaf beetle biological control (UConn): Lisa Tewksbury (URI) is continuing biocontrol work with 3 species of parasitic wasps. In the past, 2 species have been released. Gail Reynolds conducts site visits at both release sites and control sites (which are plentiful). Larvae was collected from a site in Waterbury and sent to URI to measure the level of parasitism.
- UConn Forestry – EAB purple prism traps: Tom Worthley (UConn) will finish setting up 147 traps in the eastern four counties of the state by the end of the first week of June.

Surveys conducted USDA APHIS PPQ:

- Exotic Wood Boring Bark Beetles: *Tomicus destruens*, *Monochamus alternatus*
Ips sexdentatus, *Ips typographus*, *Orthotomicus erosus*: USDA APHIS PPQ began surveying for these exotic wood boring bark beetles at 15 sites in the beginning of April. There is a new state record for *Monochamus alternatus*.
- Cerceris Biosurveillance: Claire Rutledge (CAES) brought *Tetrastichus* bolts as a biocontrol for EAB larvae. The bolt is nailed to an ash tree and contains parasitized EAB larvae from which wasps emerge and search out new prey. It targets late instar EAB that overwinter as larvae. Release sites include Sleeping Giant State Park (Hamden), Middlebury, Sherman and Prospect.

Outreach Report: Nurserymen and workers are interested in trapping updates. Outreach at CNLA and CTPA winter meetings. A 'standard' talk for The Nature Conservancy.

3. 2015 CAPS Guidelines

- Program Changes
- Priority Survey
- Pest and Survey Lists
- Interested in multi-state bundled berry commodity surveys. Proposal needed for July.
- Looking to use wing traps to survey for 4 moth species at 25 nursery or sawmill locations.
- Would like to reinstate a survey for *P. ramorum* but need to figure out logistics.
- USDA handles all samples for phytoplasma surveys.
- Bundled tree test surveys not planned for next year.
- Surveys for other *Agrilus* species (not EAB) can continue.

4. Other old or new business

- Next State CAPS Committee meeting will be in fall 2014
- BMSB Update
 - Via Chris Maier: Record reports of adults (dozens) in homes, researchers down south predicting large adult die-off due to polar vortex: Mary Conklin (UConn) is trapping for BMSB in the Wallingford area. She has found very high numbers of BMSB.
- Forest Pest Outreach and Survey Project:
 - Beetle blitzes planned for next month and UConn in August.
 - Expand beetle blitzes into tree tagging program.
 - Chris Donnelly (DEEP) will be performing a tree inventory which will be helpful in identifying ash trees.
 - Donna Ellis (UConn) is distributing ALB and EAB info at farmers markets, libraries and fairs
 - Gail Reynolds is also doing outreach at farmers markets and working to contact warehouses for surveying.

Winter Moth:

- Releases out of UMass in the Groton (2000 released), Stonington, Mystic area
- Mystic trap caught high population of winter moth
- Need time to establish; lag time around 5 years
- UMass has found up to 30% parasitism
- Larvae will be collected next spring to look for parasitism
- Outreach: article in The Day, Channel 8, WILL radio
- Gale Ridge (CAES) reports that inquiries regarding winter moth have come from areas as far west as Lyme

Honey Bee Survey:

- Currently not funded but CT has been put on the list and is awaiting response

Ash log imported from a saw mill in NY right at the end of the flight season. Surveys were conducted there and pest risk was mitigated.

Pesticide study (RE: honey bees): Brad Robinson (DEEP) conducted water surveys and found that imidacloprid was frequently found in low concentrations. These concentrations were below the threshold.

Bad news for hardwood trees: There's a new caterpillar in Connecticut

By [Judy Benson](#)

Publication: The Day

Published May 16, 2014 4:00AM Updated May 16, 2014 2:36PM



Sean D. Elliot/The Day

A winter moth caterpillar crawls atop a white oak bud Tuesday at Beebe Pond Park in Groton.

Groton - A tiny lime green caterpillar crawled, accordion-style, on a deformed cherry tree leaf newly opened for spring, extending no bigger than an eyelash but leaving a telltale pattern of destruction far in excess of its size.

"You can see the holes in the leaves," Katherine Dugas, research assistant with the Connecticut Agricultural Experiment Station, said Tuesday, examining a low-hanging branch growing along the main path at the town-owned Beebe Pond Park. "Those holes were not eaten in a fully formed leaf; they were made as the leaf was forming."

As she continued along the path, she found the caterpillars at nearly every other hardwood along the way - red oaks, red maples, crab apples.

"They seem to be on everything I pick up," said Richard Conant, town of Groton committee chairman for the Avalonia Land Conservancy, which owns two adjacent properties, Town's End and Moore Woodlands. He had come to learn from Dugas about the invasive pest recently discovered at the town park.

Earlier this spring, Dugas was alerted to the winter moth presence at the park by Joseph Elkinton, entomology professor at the University of Massachusetts Amherst. He has been

studying infestations of the winter moth, a European native that first appeared in Nova Scotia in the 1950s, as it has been creeping into forests in Massachusetts, Maine, Rhode Island and, most recently, Connecticut.

According to Elkinton, winter moths are spreading south and west at about 4.5 miles per year. Research published this spring by Elkinton and Kevin Dodds, U.S. Forest Service entomologist, describes how growth of red and black oaks at sites in Massachusetts has been cut in half by infestations of winter moths that defoliate trees and can ultimately kill them. The areas hardest hit by current infestations are in eastern Massachusetts, including Cape Cod.

Chris Martin, director of the Forestry Division of the state Department of Energy and Environmental Protection, said winter moths aren't widespread in Connecticut. Thus far they have been found only around here, in the southeastern corner.

"We're concerned. We're watching it closely," he said. "They infest the bud of the tree, which causes twig dieback. It's not as bad as the emerald ash borer or the Asian longhorned beetle, but the level of concern for this one is rising."

The first sign of an infestation, Martin said, is barren branches in the spring on a tree that should be fully leafed out.

"You'll see everything else green except for that tree. It'll look like late fall," he said.

A tree can survive a couple of years of infestations, experts say, but eventually it is killed when it is unable to produce new leaves repeatedly. "It's like missing a meal," Dugas said. "If it happens two to three years in a row, it saps the resources of that tree."

Earlier this spring, at the request of Elkinton, Dugas set out four traps for the caterpillars to confirm their presence at the park. Then last week, she released 1,000 *Cyzenis albicans* flies as a biological control. After similar releases proved successful at curtailing the pest in Nova Scotia, the flies have been introduced to infested sites in Massachusetts and elsewhere.

Dugas said it would take several seasons for the flies to become established. In the meantime, she will continue monitoring Beebe Pond Park.

"When the fly gets established, it will be a policeman for this moth," she said. "It won't totally exterminate them."

The insects, she noted, are destructive to trees only in the caterpillar stage. As adult moths, they are active on mild days in mid-November through January, when they mate and lay eggs on twigs, tree trunks, lichen and elsewhere. In early spring, the eggs hatch and the caterpillars wriggle into tree buds to feed, then continue feeding on the leaves as the buds open. They attack a wide variety of hardwoods and other plants, including maples, oaks, ash, apple, blueberry, white elm and basswood.

The potential damage that can be caused if the winter moth infestation in Connecticut becomes severe, Dugas said, is equivalent to the scale of the destruction caused by the gypsy moth infestation in the Northeast that peaked in the 1980s, but has since receded after introduction of a fungus and other factors. She advised property owners who suspect an infestation to contact the experiment station or a licensed arborist before applying

pesticides or taking other action. Doing nothing can be the most prudent response, she added.

"Sometimes nature takes care of it for you," she said.

USDA APHIS COOPERATIVE AGRICULTURAL PEST SURVEY (CAPS) PROGRAM
STATE CAPS COMMITTEE MEETING

Wallingford, CT

Thursday, November 6, 2013; 10:00 a.m. – 12:00 p.m.

AGENDA

5. Welcome and Introductions

Attending: Kate Aitkenhead, USDA PPQ; Sharon Douglas, CAES; Chris Maier, CAES; Nichole Carrier, USDA PPQ; Kirby Stafford, CAES; Victoria Smith, CAES; Kevin Grady, DEEP-Forestry; Helene Hochholzer, DEEP-Forestry; Katherine Dugas, CAES; Kevin Sullivan, CNLA; Ana Legrand, UConn; Jane O'Donnell, UConn

6. 2014 CAPS and PPQ surveys and outreach programs

Surveys conducted by CAES and UConn:

- Bundled Tree Pest Survey:
 - a. Exotic Wood Boring Bark Beetles: European Hardwood Ambrosia Beetle, Oak Ambrosia Beetle Trapping went from April – August. 8,077 Scolytids collected
 - b. Oak Commodity: Summer fruit tortrix moth, light brown apple moth Trapping went from July – September, due to error in requesting lures. No suspects found, 977 Gypsy Moths caught.
 - c. Christmas tree survey: Black Spruce Beetle, Brown Spruce Longhorned Beetle - UConn Trapping April – August. 215 beetles collected.
- Cerceris Biosurveillance Very productive year. Had 106 total sites, 70 watchers. Still waiting for total numbers from watchers, but total number of beetles collected is somewhere in the 4,600 range. High proportions of EAB caught at Hamden sites.
- Mile-a-Minute biological control: Prepared by Carole Cheah for CAPS meeting:

Releases of *Rhinoncomimus latipes* in Connecticut for biological control of MAM have been annually implemented since 2009. Following the most severe winter to date, weevils were recovered in every release site visited during the spring and summer of 2014. This indicated excellent overwintering survival of *R. latipes* in Connecticut. In 2014, 6 new release sites and 4 augmentations of earlier releases were implemented with just over 8,000 weevils provided by the NJDA Phillip Alampi Beneficial Insect Laboratory and the University of Rhode Island. New releases occurred in the heavily infested towns of Greenwich, Westport, and a new town, Southington, where the presence of weevils prior to release indicated dispersal of at least 14 miles from the nearest release site. Over 41,000 weevils have been released at 35 sites in 18 Connecticut towns from 2009-2014 in a collaboration between CAES

and UCONN and funded by USDA APHIS PPQ. MAM infestations have been confirmed in 43 towns in Connecticut as of November 2014. Widespread reports of weevil dispersal beyond initial release sites were confirmed in 2014.

- Lily leaf beetle biological control Gail Reynolds of UConn assisted with this year's project. ID'd gardens as suitable release sites, made 5 releases of *Tetrastichus steifer* and *Diaparsis jucunda*. Three other sites were controls. LLB larvae were collected from release and control sites and sent to URI to be examined for parasitism. Still waiting on levels of parasitism results.
- EAB purple prism traps There were 147 placed this year, some of them may still be up from this year or previous years. Finding traps in areas that were not done this year. Some data from last year may have been lost. Any traps found, take down if able, return to PPQ. There will be no PPQ-funded purple traps up next year due to statewide EAB quarantine.

Surveys conducted by USDA APHIS PPQ:

- Exotic Wood Boring Bark Beetles: *Tomicus destruens*, *Monochamus alternatus*
Ips sexdentatus, *Ips typographus*, *Orthotomicus erosus* Fifteen high-risk sites (tile/stone importers, solid wood packing material, pallet recyclers), 45 Lindgren traps. Survey from March through August. Total of 495 collections, submitted to Carnegie for screening and ID. New state record for *Hylurgops palliates*, which was a previous CAPS target. Found in Darien, Norwalk, and Milford.
- Cerckeris Biosurveillance Had 11 sites, 300 beetles collected at 10 sites. Two sites were positive for EAB, in Bristol and Plainville.

Outreach Report – CAES, Forest Pest Project 43 events, 23,587 individuals reached in FY2013. Focus in FY2014 on tree tagging – Clinton Tree Committee, Norwalk, UConn Eco House (tagging event was postponed),

7. 2015 CAPS Survey Plans

- CAES:
 - Goldspotted oak borer and oak splendor beetle using the native Cerckeris wasp Program continues, targeting invasive *Agrilus* species. All CT counties will be under EAB quarantine this year, but system can still be used to track new towns.
 - Oak/Maple survey 30 sites, UConn handling 15 sites in northeastern CT, CAES handling others. Green oak tortrix, *Tortrix viridana*; Variegated golden tortrix, *Archips xylosteanus*; oak processionary moth, *Thaumetopoea processionea*; false codling moth, *T. leucotreta*
 - *P. ramorum* survey 15 nurseries, 12 samples per site. CAES will do immunostrip tests, send any *Phytophthora* positives to USDA for ELISA.

- PPQ:
 - Exotic Wood Boring Bark Beetles: (A-pinene & Ethanol) *Tomicus destruens* & *Monochamus alternatus*, *Trypodendron domesticum*, *Platypus quercivorus*
 - Cerckeris Biosurveillance: *A. biguttatus*, *A. auroguttatus*, *A. sulcicollis*, *A. planipennis*
 - Port Asian Defoliators: *Lymantria Mathura*(nun moth) & *Lymantria monacha*(rosy moth) New London and New Haven ports; traps have a GM inhibitor

8. Other old or new business

- CT's FY 2015 Farm Bill Suggestions
 - Forest Pest, Orchard and Grape Surveys Three suggestions were submitted before deadline of October 24th.
 - Forest Pest is refocusing on EAB preparedness, as it is now here in CT. Contact all towns and send them management guidelines; we've already been getting requests from some towns. Talked to Clinton and Norwalk previously.
- Brown Marmorated Stink Bug Update: Currently have records from 110 CT towns, mostly citizen sightings but also collections of insects from traps or netted from trees (Tree of Heaven and Boxelder). Seems to be following a similar timeframe of introduction to agricultural impact seen in the Mid-Atlantic, around 6 years.
- EAB Quarantine: EAB biocontrol releases continue. Full CT quarantine expected in December. Public meeting will be announced next week, must be published in at least 2 newspapers. Meeting will be 12/4 @ 1:30PM at the Middlesex Extension office. Questions regarding an eventual deregulation of EAB.
- SPHD Rotation: Kate Aitkenhead is SPHD until 12/10, and then there will be another 90 day rotation. New temporary SPHD announced 30 days before instatement. Still waiting on a permanent position announcement. Delay not due to hiring freeze, but due to nationwide evaluation of SPHD roles.
- Next State CAPS Committee meeting will be Spring 2015