

# *Station News* A PROGRESS REPORT for staff and Friends of America's first Agricultural Experiment Station

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## Departmental News



### **CT DEPARTMENT OF AGRICULTURE'S FARM TO CHEF PROGRAM VISITS THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION**

By Ms. Tess Foley

The food crop scientists of the Connecticut Agricultural Experiment Station hosted the Connecticut Department of Agriculture's Farm to Chef program for the very first time at the

Experiment Station on April 5, 2010. Presenting to an audience that included local farmers, growers, chefs, restaurant owners, and journalists, each scientist presented research focused on how they can help the Farm to Chef program achieve its goal of increasing the amount of locally-grown food served in local restaurants.

Building upon the grants relationship that has been newly established between the Connecticut Department of Agriculture and the Experiment Station's agricultural scientists for the USDA Specialty Crops Block Grant, grants manager Tess Foley identified a key opportunity to have the scientists who have received this funding present aspects of their research to the extremely popular Farm to Chef program audience.

Experiment Station Director, Dr. Magnarelli welcomed attendees of this new program to the Experiment Station, indicating that Farm to Chef was a good match for our agricultural scientists, and that he hopes to see more interaction in the future. The director of the Farm to Chef program, Ms. Linda Piotrowicz was also in attendance, and said, "I am thrilled with the information the agricultural scientists have to

share with the Farm to Chef program. We'll have to do this again in the winter when more farmers and growers can attend."

A decision was made to serve locally grown food as the refreshment during this presentation that focuses on locally-grown agricultural products. Ms. Jean Jones and Ms. Allyson Angelini of Jones Family Farms, in Shelton, volunteered to prepare salad greens from Two Guys of Woodbridge, served with a delicious secret recipe salad dressing from Jones Family Farm, along with goat cheese from Beltane Farms (Lebanon, CT) and fresh baked bread from Judy's Bakery (New Haven, CT). This refreshing salad was served during Martin Gent's presentation on hydroponic lettuce.

Presenting scientists were Dr. Abigail Maynard, New and Ethnic Crops; Dr. Martin Gent, Greenhouse and Hydroponic Growing of Greens and Tomatoes; Dr. Richard Cowles, Strawberries; Dr. Kimberly Stoner, Honey Bees, Dr. Walter Krol, Pesticide Residue on Crops; Dr. William Nail & Dr. Francis Ferrandino, Wine Grapes in Connecticut, and Dr. Wade Elmer, Asparagus.

After the talks, some guests networked in the auditorium, while others toured the Analytical Chemistry laboratories, the Plant Disease Inquiry Office, the Insect Inquiry Office, and the Soil Testing Laboratory. Ms. Tess Foley was the host of this event.

The food crop scientists of The Connecticut Agricultural Experiment Station look forward to future interactions with the very popular Farm to Chef program.

## **THE CONNECTICUT EXPERIMENT STATION HOSTS SIGMA XI POSTER CONFERENCE**

The Northeast Regional Undergraduate and Graduate Student Sigma Xi Poster Conference was hosted by the Experiment Station in Jones Auditorium on 17 April 2010. This event was sponsored by the Quinnipiac Sigma Xi Chapter, of which many Station scientists are members, and organized by Dr. Douglas W. Dingman, Dr. Richard B. Peterson and Dr. Neil P. Schultes.

There were 48 posters submitted by students from many colleges and universities in the northeast, including Amherst College, Brown University, Central Connecticut State University, Cornell University, Quinnipiac University, SUNY (several locations), and Yale University. Also assisting with judging of the posters were Dr. Sandra L. Anagnostakis and Dr. Sharon M. Douglas. Dr. Schultes welcomed the group and presented awards to the winning posters in the undergraduate and graduate categories. Dr. Dingman presented the keynote lecture titled "Bees, Bacteria, and Geography."





## DISPLAY AT THE YALE PEABODY MUSEUM OF NATURAL HISTORY

By Dr. Kirby Stafford

Dr. Kirby Stafford, Dr. Anuja Bharadwaj, and Mr. Michael Thomas presented a display on ticks, mosquitoes, and their associated diseases at the Yale Peabody Museum of Natural History for their event “Backyard Bloodsuckers: Biodiversity Bites Back!” on Saturday, April 17, 2010. Admission to the museum was free. This event was sponsored, in part, by a Science Education Partnership Award (SEPA) from NIH to the Peabody Museum, which CAES is a participant, to help people learn about West Nile virus and Lyme disease. There were 973 visitors, including 512 children, taking advantage of the special activities and exhibits. Live ticks and mosquitoes could be examined under the microscope and information handouts were available. The mosquito and tick specimens and hand stamps were especially popular with the children and the adults had many questions.



Mr. Michael Thomas explains West Nile virus and Eastern Equine Encephalitis to a museum visitor.



Dr. Anuja Bharadwaj shows children ticks under the microscope, which are also visible on the video monitor.

## Administration

**DR. LOUIS A. MAGNARELLI** welcomed participants of the Farm to Chef program in Jones Auditorium (April 5); Attended the Experiment Station Associates Board meeting in the Slate Building and gave a report on Station research (April 19); and welcomed state residents who attended Spring Open House in Jones Auditorium (April 22).



**MS. TESS FOLEY** wrote an article on CAES food crop scientists new interest in collaborating with the Connecticut Department of Agriculture's (CT DoAg) Farm-to-Chef program. The Station will be hosted a "Talk and Tour" for the farmers and chefs during which the food crop scientists will each present a brief overview of the crops they are researching (April 5).

## Analytical Chemistry

**DR. JASON WHITE** participated in the monthly Laboratory Preparedness Network meeting at the Department of Public Health in Hartford (April 5); participated in a conference call for the organizing committee of the 6<sup>th</sup> International Phytotechnologies Conference in Parma, Italy September 26-29 2010 (April 7); Dr. White and staff participated in a FERN Chemistry Cooperative Agreement (CAP) Laboratory conference call (April 15); along with durational Research Assistant Joseph Hawthorne were selected as finalists in the Undergraduate Student Research Symposium at the 240<sup>th</sup> American Chemical Society National Meeting. Student finalists received free registration, room, board for the entire meeting. Mr. Hawthorne presented research on the interactions of nanoparticles and plants (April 16); Dr. White and staff hosted students and teachers from Hamden Hall Elementary School. Visitors were given an overview of Department programs and a tour of the laboratories (April 19); Dr. White and staff participated in a Northeast Regional FERN Laboratories conference call (April 20); along with durational Research Assistant Mr. Joseph Hawthorne, were selected for a University of New Haven Summer Undergraduate Research Fellowship. The award provides a \$2,500 stipend to the student, as well as \$700 in supply costs, to support the research project (April 23); along with **MR. WILLIAM BERGER**, briefed the Connecticut Academy of Science and Engineering Peer Review Committee on the results of the CAES Department of Analytical Chemistry research and final report on tire crumb rubber (April 28); and met with Professor Jorge Gardea-Torresdey (University of Texas El Paso) and Dr. Lee Newman (Brookhaven National Laboratory; BNL) at BNL to discuss recent research on nanoparticle toxicity and fate in the environment (April 30).

**DR. WALTER KROL** presented a lecture in the Farm to Chef Program held at the Connecticut Agricultural Experiment Station, which was entitled 'Pesticide Residues in Food', and led a tour of the Analytical Chemistry Labs (20 interested individuals) (April 5); was interviewed by independent reporter Ms. Valerie Bannister regarding pesticides in Organic foods (April 5); attended a daylong Biofuels Symposium at UCONN's Center for Environmental Sciences and Engineering in Storrs. The Symposium highlighted the grand opening of the Biofuel Testing Laboratory and included lectures, breakout sessions, and laboratory tours (April 8); and spoke with 7<sup>th</sup> & 8<sup>th</sup> grade students from Hamden Hall Day School about pesticide residues in food (approximately 20) (April 19).

**DR. BRIAN EITZER** attended a meeting at the University of Massachusetts, Amherst to help plan a grant submission focused on pollinators to Northeast Specialty Crops (April 20).

**DR. CHRISTINA ROBB** spoke with 7<sup>th</sup> & 8<sup>th</sup> grade students from Hamden Hall Day School about pesticides in water and food (approximately 20) (April 19).

**MS. TERRI ARSENAULT** spoke with 7<sup>th</sup> & 8<sup>th</sup> grade students from Hamden Hall Day School about pesticide residues in soil, water, and other environmental samples (approximately 20) (April 19).

**MR. WILLIAM BERGER** along with **DR. WHITE**, briefed the Connecticut Academy of Science and Engineering Peer Review Committee on the results of the CAES Department of Analytical Chemistry research and final report on tire crumb rubber (April 28).

**MR. CRAIG MUSANTE** along with **MR. RANCIATO**, participated in a two-day training session for the Department's new inductively coupled plasma optical emission spectrometer (ICP-OES) (April 26-27).

## Biochemistry and Genetics

**DR. RICHARD PETERSON** served as a judge for a Science Fair at The MicroSociety Magnet School in New Haven. The event was attended by elementary and middle school age students who presented posters detailing class science projects. The high scorers will advance to a city-wide competition in May (April 1).

## Entomology

**MS. TIA BLEVINS** presided as Treasurer at the 36<sup>th</sup> Annual Meeting of the Horticultural Inspection Society, Eastern Chapter, in Albany, NY. She presented the financial report of the Chapter at their business meeting and served on the Resolutions and Finance Committees (April 12-15).

**MR. IRA KETTLE** attended the spring meeting of the Connecticut Beekeepers Association and re-established old ties with the membership after a winter's absence (55 attendees) (April 10); gave a honey bee presentation to the children of Lake Street School in Vernon. There was a question-and-answer period and all enjoyed learning about honey bees (20 children and 9 adults attended) (April 12); and had an educational table on the importance of honey bees in Connecticut at Totoket Valley Elementary School in Northford (1,150 students and adults came to the table) (April 16).



Students visiting Mr. Ira Kettle's honey bee display at Totoket Valley Elementary School.

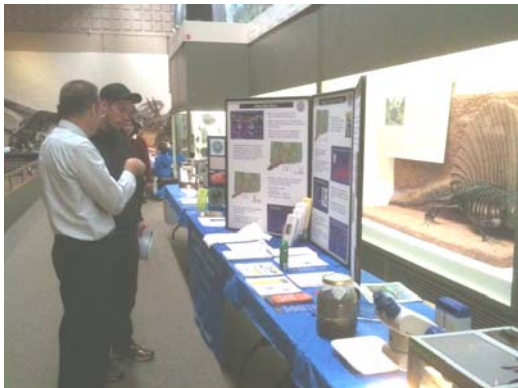
**DR. CHRIS T. MAIER** displayed a springtime parasitic meloid beetle and its ground-nesting bee host, *Colletes inaequalis*, at the Annual Dinner Meeting of the Connecticut Entomological Society in Jones Auditorium (April 16).

**DR. GALE E. RIDGE** published a tri-fold brochure titled "Bed bugs: How to deal with them" and posted it on the Experiment Station website. It contains identification information, strategies for self protection, and resource contact information for Connecticut state residents. This was in response to numerous requests made by landlords, tenants, and the housing industry for a portable, easy-to-read document (April 5); introduced participants of the Farm-to-Chef Program to the Insect Inquiry Office and its activities (April 5); spoke about bed bugs at a meeting of Infection Control Nurses of Connecticut held in Cromwell (125 adult attendees) (April 23); and was interviewed about wasps, bees, and hornets by Mr. Bill Weir of the Hartford Courant (April 29).

**DR. VICTORIA L. SMITH** participated in a meeting of USDA-Forest Service and USDA-APHIS cooperators, held at the Audubon Center in Concord, NH (40 participants) (April 1); was interviewed for an article on beekeeping in the Northeast by Mr. Ross Conrad of Bee Culture Magazine (April 9); participated in the 85<sup>th</sup> Annual Meeting of the Eastern Plant Board, held at the Holiday Inn in Albany, New York, as Eastern Plant Board Vice-President and a member of the National Plant Board Board of Directors, a member of the *Phytophthora ramorum* working group, and a member of the National CAPS Committee (150 participants) (April 12-15); and conferred with Carrie Taylor, Counsel for the Office of the Attorney General of CT, on upcoming testimony in a court case involving damages due to regulatory action concerning *Phytophthora ramorum* (April 23).

**DR. KIRBY C. STAFFORD III** welcomed and provided an update at the spring meeting of the Connecticut Beekeepers Association held in Jones Auditorium (55 adult attendees) (April 10); was interviewed about risk for ticks and Lyme disease for growers by Mr. Steven Dravis for Christmas Tree News (April 13); with **DR. ANUJA BHARADWAJ**, presented a display on ticks and Lyme disease for Biodiversity Day at the Yale Peabody Museum in New Haven (461 adults and 512 youths attended) (April 17); with **DR. THEODORE ANDREADIS**, was interviewed about mosquitoes, ticks, and associated diseases by Sam Gingerella, WTIC-Radio, at the studio in Farmington (April 21); participated in a conference call on the Forest Pest Outreach & Survey Project (April 22); spoke to Greenwich High School students about research and survey activities in the Department of Entomology (14 students) (April 26); with **DR. JASON WHITE** and **MR. WILLIAM BERGER**, participated in a meeting of the Peer Committee of the CT Academy of Science and Engineering (CASE) on the Artificial Turf Study (April 28); was interviewed about the impact of deer densities on Lyme disease by Ms. Madeline Bodin for Northern Woodlands magazine (April 28); spoke on ticks and Lyme disease to the Seabury Retirement Community in Bloomfield (70 adult attendees) (April 29); and was interviewed about tick activity and tick bite prevention measures by Mr. William Weir of the Hartford Courant (April 30).

**DR. KIRBY C. STAFFORD III, DR. ANUJA BHARADWAJ, and DR. MICHAEL THOMAS** presented a display on ticks, mosquitoes, and their associated diseases at the Yale Peabody Museum of Natural History for their event “Backyard Bloodsuckers: Biodiversity Bites Back!” on Saturday, April 17, 2010. Admission to the museum was free. This event was sponsored, in part, by a Science Education Partnership Award (SEPA) from NIH to the Peabody Museum, which CAES is a participant, to help people learn about West Nile virus and Lyme disease. Live ticks and mosquitoes could be examined under the microscope and information handouts were available. The mosquito and tick specimens and hand stamps were especially popular with the children and the adults had many questions (973 visitors, including 512 children) (April 7).



Mr. Michael Thomas explains West Nile virus and Eastern Equine Encephalitis to a museum visitor.



Dr. Anuja Bharadwaj shows children ticks under the microscope, which are also visible on the video monitor.

**DR. KIMBERLY A. STONER** was interviewed on community-supported agriculture by Jesse Buchanan of the Meriden Record-Journal (April 2); presented research on pesticides in pollen to the Farm-to-Chef Program in Jones Auditorium (22 adult attendees) (April 5); was interviewed about organic pest management on WPKN-Radio (April 8); organized an event with Chef Mr. Tim Cipriano, Executive Director of Food Services for the New Haven Public Schools, to present the opportunities for the New Haven Public Schools to work with local farmers to increase the amount of local produce in school lunches and provide education to local city students about food and agriculture (April 10); was interviewed about community farms leasing land from towns and land trusts and how to make those arrangements work more smoothly by Mr. Jack O’Will of the Working Lands Alliance (April 12); spoke on “Organic management of pests of vegetables” to the Down-to-Earth Garden Club in South Windsor (40 adult attendees) (April 14); participated in a meeting by conference call of the Board of Directors of CT NOFA (10 attendees) (April 18); organized and led a day-long meeting of researchers and stakeholders from across New England on Pollination of Northeastern Specialty Crops at the University of Massachusetts in Amherst, MA. This

meeting was funded by the Northeastern Regional Association of State Experiment Station Directors in order to develop a proposal to the Specialty Crop Research Institute (12 adult attendees) (April 20); and met with Mr. Bill Duesing, Executive Director of CT NOFA, about the future of the NOFA Organic Land Care Program (April 21).

## Environmental Sciences

**DR. THEODORE ANDREADIS** was interviewed about the impact of the record rainfall and high temperatures in March on mosquito populations in the state and anticipated eastern equine encephalitis and West Nile virus activity by Ms. Judy Bensen and Mr. Edward Stannard, New Haven Register (April 8); was interviewed about the impact of the record rainfall and high temperatures in March on mosquito populations in the state and anticipated eastern equine encephalitis and West Nile virus activity by Ms. Diana Perez - NBC 30 TV and Ms. Jill Konopka, WFSB-TV3 (April 9); was interviewed about the impact of the record rainfall and high temperatures in March on mosquito populations in the state and anticipated eastern equine encephalitis and West Nile virus activity by Mr. Marc Sims, Connecticut Radio Network and WTIC radio (April 12); was interviewed about the impact of the record rainfall and high temperatures in March on mosquito populations in the state and anticipated eastern equine encephalitis and West Nile virus activity by Ms. Jocelyn Maminta, WTNH TV (April 13); was interviewed about the impact of the record rainfall and high temperatures in March on mosquito populations in the state and anticipated eastern equine encephalitis and West Nile virus activity by Mr. Sam Gingerella, WTIC Radio (April 21); and was interviewed about the impact of the record rainfall and high temperatures in March on mosquito populations in the state and anticipated eastern equine encephalitis and West Nile virus activity by Mr. William Weir, Hartford Courant (April 28).

**MR. GREGORY BUGBEE** spoke on *Composting* as part of a gardening program at the Colchester Public Library (approximately 20 attendees) (April 6); with **DR. MARTHA BALFOUR** presented a seminar on *Connecticut's Invasive Aquatic Plant Problem* to a graduate level environmental science class at Yale University (approximately 20 attendees) (April 8); presented a talk *Container Gardening Indoors and Out* as part of a gardening program at the Thomaston Public Library (approximately 20 attendees) (April 10); presented a talk on *Improving Soil in the Home Garden* to the Milford Garden Club at the Milford Public Library (approximately 100 attendees) (April 12); presented a talk, *Improving Soil in the Home Garden* to the Orange Garden Club at the Orange Public Library (approximately 55 attendees) (April 13); spoke on *Invasive Aquatic Plants in Candlewood Lake* for New Fairfield Public Television (NFPTV) in the NFPTV studio (April 17); and presented a talk, *Connecticut's Invasive Aquatic Plant Problem; Searching for Solutions* at CAES Plant Science Day in the Spring (April 22).

**MR. JOHN SHEPARD** was interviewed about mosquitoes developing in vernal pools by Mr. Ed Stannard of the New Haven Register (April 8) and was interviewed about mosquitoes, eastern equine encephalitis and West Nile virus by Ms. Jocelyn Maminta of WTNH TV (April 13).

**MR. MICHAEL THOMAS** was interviewed about mosquitoes, eastern equine encephalitis and West Nile virus by Ms. Jocelyn Maminta of WTNH TV (April 13) and presented a display on mosquitoes and their associated diseases at the Yale Peabody Museum of Natural History for their event *Backyard Bloodsuckers: Biodiversity Bites Back!* This event was sponsored, in part, by a Science Education Partnership Award (SEPA) from NIH to the Peabody Museum, which CAES is a participant, to help people learn about West Nile virus and Lyme disease (973 visitors, including 512 children) (April 17).

## Forestry and Horticulture

**DR. JEFFREY WARD** presented poster "Controlling Japanese Barberry: Alternative Methods And Impact On Tick Populations" at the Central Hardwood Forest Conference XVII in Lexington, KY (140 attendees) (April 6); presented paper "Stand And Individual Tree Growth After Crop Tree Management In Southern New England: 5-Year Results" at the Central Hardwood Forest Conference XVII in Lexington, KY (50 attendees) (April 7); along with **DR. SCOTT C. WILLIAMS** and **MR. JOSEPH P. BARSKY** visited Lords Creek Farm to advised on barberry control (4 attendees) (April 9); spoke on "A short history of the Connecticut forest" at the Cheshire Public library (20 attendees) (April 22); spoke on "Importance of



trees" at the Guilford Lakes Elementary School in Guilford (400 children, 60 adults) (April 23); interviewed about the effect of deer on forests by Ms. Madeline Bodin of Northern Woodlands Magazine (April 27); visited the Marvelwood School in Kent to advise on invasive species control (7 students, 2 teachers) (April 28); and spoke on "Invasive shrub control" for the Kent Land Trust (8 attendees) (April 28).

**DR. MARTIN GENT** gave a talk on "Effect of environment and fertilizer on composition of vegetables" at the Farm to Chef program held in Jones Auditorium (25 people) (April 5); attended the Evening in the Greenhouse program at Grower Direct sponsored by the Connecticut Greenhouse Growers Association, Somers (April 8).

**DR. ABIGAIL MAYNARD** gave a talk on the New Crops Program at a Station mini-tour of the Farm to Chefs (25 adults) (April 5); assisted planning of Hamden Hall's Middle School's Earth Summit (April 15 and 21); gave a talk on the New Crops Program and tour of Lockwood Farm to middle school students of Hamden Hall Country Day School (18 students, 2 teachers) (April 19); and gave a talk on backyard gardening at Albertus Magnus college (15 senior citizens) (April 22).

**DR. WILLIAM NAIL** met with Mr. Harry and Mrs. Laurie Schwartz to discuss pruning, pest management, and general viticulture for the upcoming season at Heritage Trail Vineyards in Lisbon (April 9); met with Rick Burress and Howard Burson at Sharpe Hill Vineyard in Pomfret to discuss variety selection, pruning and training practices, and general viticulture (April 14); and participated in a meeting of researchers and grape growers at the Valley Laboratory (April 27).

**DR. SCOTT WILLIAMS** along with **MR. JOSEPH P. BARSKY**, gave a presentation "Forestry tools and techniques" to students from Lyman Memorial High School in Lebanon (18 students, 1 teacher) (April 8); participated in the oral comprehensive exam for Acima Cherian, Ph. D. student in Wildlife Management at the University of Connecticut (April 21); interviewed by Northern Woodlands reporter Ms. Madeline Bodin about the negative impacts of overabundant white-tailed deer populations on forested ecosystems and human health (April 28); and along with **MR. MICHAEL SHORT**, managed the ecosystem portion of the FFA Regional Environmental and Natural Resources Career Development Event at the University of Connecticut (30 students) (April 30).

**DR. JOSEPH P. BARSKY** hosted a student from Manchester High School on a job shadowing event (April 15).

## Plant Pathology and Ecology

**DR. DONALD E. AYLOR** met with Dr. Forrest Nutter at Iowa State in Ames, Iowa, to discuss coordination of the acquisition of satellite images by his laboratory with ground measurements of Potato Late Blight spread made by our research group during field experiments in Blacksburg, Virginia, this summer (April 27) and participated in the final examination of Mr. Brian J. Viner during the defense of his Ph.D. thesis titled "Numerical modeling of meteorological and topographical effects on pollen shed, dispersion, and viability" at Iowa State University in Ames, IA (April 28).

**DR. SHARON M. DOUGLAS** attended the CAES Farm-to-Chef meeting held in Jones Auditorium (April 5); was interviewed about late blight of potato and tomato and what to expect in 2010 by Mr. John Burgeson of the Connecticut Post (April 6); participated in the monthly meeting of the CTPA Board of Directors (April 13); participated as a judge in the Quinnipiac Sigma Xi Chapter's Student Poster Conference (April 17); participated in the monthly conference call of the APS Foundation Board of Directors (April 19); organized and participated in the Station's Spring Open House 2010 (April 22); was interviewed about early flowering of fruit trees and potential problems with cold weather and frost by Ms. Emily Groves of the Norwich Bulletin (April 22); gave a talk titled "Eco-friendly management of plant diseases" at the Orchard Valley Garden Club of Southington (April 27); and was interviewed about late blight of potato and tomato and what to expect in 2010 by Ms. Nancy Cohen of WNPR (April 27).



**DR. WADE H. ELMER** spoke on “Managing asparagus crown rot for Connecticut markets” at the Farm-to-Chef Program sponsored by the Station and the Department of Agriculture (22 adult attendees) (April 5); was visited by Mr. Ron Rozsa and Ms. Jennifer Pagach, of Connecticut Department of Environmental Protection, to discuss Sudden Vegetation Dieback and Dr. Elmer’s research at Hammonasset State Park (April 13); spoke on “Use of earthworms in plant disease control” to students of the Institute of Learning in Retirement at Albertus Magnus College (10 adult attendees) (April 15); was interviewed about local asparagus by Ms. Jan Spiegel of the Hartford Courant (April 29); and attended the Long Island Sound Education Conference at the Maritime Museum in Norwalk (100 attendees) (April 30).

**MS. MARY K. INMAN** spoke on “Maintaining healthy perennials” at the Cheshire Public Library (22 adult attendees) (April 20) and spoke on “Houseplants” to students of the Institute of Learning in Retirement at Albertus Magnus College (12 adult attendees) (April 29).

**DR. ROBERT E. MARRA** organized and hosted a workshop on “Conservation Arboriculture,” with cooperation from the Connecticut Forest & Park Association, at the DEP Sessions Woods facility (50 adult attendees) (April 12) and worked with Mr. Lothar Goecke of Argus Electronic GmbH, Germany, and Mr. Nicholas Brazee, Ph.D. student at UMass-Amherst, at Sessions Woods and West Rock Ridge State Park, using Sonic Tomography to analyze diseased maple and birch trees (April 13-14).

## Valley Laboratory

**DR. RICHARD COWLES** presented "Breeding Strawberries for Resistance to Soil-Dwelling Pests" at the Farm to Chef meeting, in New Haven (20 attendees) (April 5).

**DR. JAMES LAMONDIA** spoke about fungicides and management of fungicide resistance in grapes as a part of a meeting of the Southern New England Grape Information Network meeting for growers held at the valley Lab on (7 persons) (April 27).

**DR. TODD L. MERVOSH** served on the scholarship selection committee for the Conn. Nurserymen’s Foundation at meetings at the Valley Lab in Windsor (March 31 & April 14); participated in a symposium planning meeting for the Conn. Invasive Plant Working Group at the Valley Lab (April 20); and led a group of volunteers working on Japanese knotweed control at Holcomb Farm Educational Center in Granby (5 attendees) (April 27).

## Journal Articles Approved April 2010

**Ahrens, John.** The Connecticut Tree Improvement Committee. The Real Tree Line

**Armstrong, Philip M. and Theodore G. Andreadis.** Quantification of Eastern Equine Encephalitis Virus in Mosquitoes to Evaluate Their Role as Bridge Vectors. Emerging Infectious Diseases

**Cowles, Richard S.** Control of Christmas Tree Insects and Mites in Connecticut. The Real Tree Line

**Elmer, Wade, Martin Gent, R. McAvoy, and J. Geremia.** Partial Saturation Ebb & Flow Watering: Spread of Disease. Plugged in Newsletter

**Gent, Martin.** A Dynamic Model to Couple Carbon and Nitrogen Metabolism with Transport in Whole Plants. (Abstract) International Conference on Plant Vascular Biology 2010 Columbus, Ohio, July 2010

**LaMondia, James A.** Connecticut River Valley Blue Mold Web Page.  
[URL:http://www.ctvalleytobacco.org](http://www.ctvalleytobacco.org)

**LaMondia, James A. and J. M. Halbrendt.** Rotation and Green Manure Crops for Management of Lesion and Dagger Nematodes. The Journal of Nematology: Abstract

**G-H Zhao, DeWei Li, J-H Jiang, and J. Peng.** First Report of *Stachybotrys chartarum* Causing Leaf Blight of *Tillandsia tenuifolia*. Plant Disease

**Magnarelli, Louis A.** The Role of Vertebrate Hosts in Tick-borne Infections. Clinical Microbiology Newsletter

**Maynard, Abigail A.** Heirloom Tomato Trials -2007-2009. Station Bulletin

**Maynard, Abigail A. and David E. Hill.** How to Grow Sweet Potatoes in Connecticut. Station Fact Sheet

**J. E. Grebel, Joseph J. Pignatello, W. A. Mitch.** Effect of Halide Ions on Organic Contaminant Degradation by Hydroxyl Radical-based Advanced Oxidation Processes. Environmental Science and Technology

**Rathier, Thomas M.** Cultural and Pest Management Update. Real Tree Line

**Vossbrinck, Charles R., M. D. Baker, and Theodore G. Andreadis.** Phylogenetic Position of *Octosporea muscaedomesticae* (Microsporidia) and Its Relationship to *Octosporea bayeri* Based on Small Subunit rDNA Analysis. Journal of Invertebrate Pathology

**Lord, J. C., Charles R. Vossbrinck, and J. D. Wilson.** Occurrence of *Nosema oryzaephili* in *Cryptolestes ferrugineus* and Transfer to the Genus *Paranosema*. Journal of Invertebrate Pathology

**Ward, Jeffrey S., Scott C. Williams, and T. E. Worthley.** Controlling Japanese Barberry: Alternative Methods and Impact on Tick Populations. USDA Forest Service Central Tech Bulletin, Central Hardwood Forest Conference

## Articles of Interest April 2010

The Valley Laboratory donated 60 spirea and 16 rhododendron plants to the Connecticut Department of Transportation to be used for landscaping an area in Manchester near where the I-291 flyover merges with I-84.

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The Connecticut Agricultural Experiment Station (CAES) prohibits discrimination in all of its programs and activities on the basis of race, color, ancestry, national origin, sex, religious creed, age, political beliefs, sexual orientation, criminal conviction record, genetic information, learning disability, present or past history of mental disorder, mental retardation or physical disability including but not limited to blindness, or marital or family status. To file a complaint of discrimination, Abstract write Director, The Connecticut Agricultural Experiment Station, P.O. Box 1106, New Haven, CT 06504, or call (203) 974-8440. CAES is an equal opportunity provider and employer. Persons with disabilities who require alternate means of communication of program information should contact the Chief of Services at (203) 974-8442 (voice); (203) 974-8502 (FAX); or [Michael.Last@ct.gov](mailto:Michael.Last@ct.gov) (E-mail).

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