

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

Press Release...**Connecticut Digital Library ("iCONN") Opens Its Doors**

<http://www.cslib.org/iconn.htm>

iCONN now combines the reQuest Statewide Library Catalog and all iCONN resources into one system. Except where noted, all or any combination of searchable databases can now be searched simultaneously. Follow this link to start searching...

<http://rqst-agent.auto-graphics.com/agent/SearchPages.asp?myses=147010&w=S&cuid=rqst&cusrvr=crius&s=LD>

- On the next screen, enter keyword(s) and click Search to search all the resources available
- On the same screen, click on Display the Resources of the Connecticut Agricultural Experiment Station to see the resource menu and all resources
- For important information on using the new system, try the Search Instructions
- **NOTE**...if you use this link from home or off a Station IP address you will get a barcode login screen, where you can use the "Login as Guest" option. If you enter your public library barcode on the login screen, the system will give you the option to "login as a guest of CAES" or to "login as a patron" to your home library. As a patron of your home library, you will have access to all of the iCONN databases, but you will not have access to all databases by using the CAES version of reQuest.

Another way to get to the iCONN and reQuest database...

You can use the link www.iCONN.org, but from home, you will get asked for your public library barcode number and, once you enter the number, it will be taken to your public library's version of iCONN. If you use this link from a CAES IP address you will get the opportunity to pick CAES and go to our searchable databases.

iCONN Tips have been updated and are now available on the iCONN Site Index at <http://www.iconn.org/SiteIndex.aspx> in the Help Section.

Take a look at the **Connecticut State Library** site... <http://www.cslib.org/>

Photo of the Month...



Drs. Maynard, LaMondia, White, and Gent spoke to about 100 students ranging from 4th-12th grade on "Agriculture in the 21st century". It was part of a program entitled "Future Problem Solvers of CT."

Winterberry (*Ilex verticillata*) plants outside the Slate Building. Photo taken by J.P. Barsky



Departmental News

Administration

DR. LOUIS A. MAGNARELLI was interviewed about Sudden oak death by Jesse Smolin of the Record Journal, Meriden (January 3); Welcomed the Connecticut Greenhouse Growers in Jones Auditorium (January 5); Greeted members of the Federated Garden Club in Jones Auditorium (January 19); Gave an update on Station activities at the Winter Meeting of the Connecticut Tree Protective Association in Southington (January 20); Gave a report to Experiment Station Associates at their meeting held at Lockwood Farm Cottage (January 25); and Greeted the bedding plant growers at their meeting held in Jones Auditorium (January 27).

Analytical Chemistry

DR. BRIAN EITZER mentored two students from Wilbur Cross High School on their Science Fair project and acted as a judge at the Science Fair (January 20-21).

DR. WALTER KROL participated in a 50 state conference call conducted by the FDA presenting a summary and overview of the Food Security Surveillance Assignment. The Department of Analytical Chemistry was one of only four state laboratories nationally to participate in this exercise and was specifically cited as a participant during the call (January 27).

DR. MARYJANE INCORVIA MATTINA presented a talk entitled "What's New in Analytical Chemistry at the Connecticut Agricultural Experiment Station" at the annual winter meeting of the Connecticut Association of Sanitarians (January 19); served as a judge at the Wilbur Cross High School Science Fair (January 20-21); participated in a 50 state conference call conducted by the FDA presenting a summary and overview of the Food Security Surveillance Assignment. The Department of Analytical Chemistry was one of only four state laboratories nationally to participate in this exercise and was specifically cited as a participant during the call (January 27).

Biochemistry and Genetics

Entomology

DR. JOHN ANDERSON attended the Connecticut Greenhouse Growers meeting (January 5); along with Director Louis A. Magnarelli, hosted the Board of Directors of the Federated Garden Clubs of Connecticut. A tour of the Johnson-Horsfall Building was given to the Directors; Dr. Brian Eitzer, Dr. Neil McHale, and Dr. Anderson explained research and services performed in the new building (January 19); attended the Connecticut Tree Protective Association meeting in Southington (January 20); attended the Connecticut Entomological Society Meeting in New Haven (January 21); along with Ms. Bonnie Hamid met with the biosafety officers at Yale University (January 27); met with Mrs. Joseph Willems and her son Chris Willems at the Lockwood Cottage to see the plaque honoring Mr. Joseph Willems. The plaque was placed at the beginning of the boardwalk, which was installed in January 2005. The installation of the boardwalk was done by Richard Cecarelli and Rollin Hannan, with help from Scott Williams, Uma Ramakrishnan, JP Barsky, Jeff Ward, and Frank Ferrandino (January 30).

DR. CHRIS T. MAIER spoke on the emerald ash borer at the Annual Meeting of the Connecticut Tree Protective Association in Southington, CT (Jan. 20) and presented displays on Connecticut cicadas and new entomological literature at a meeting of the Connecticut Entomological Society in Jones Auditorium (Jan. 21).

STEPHEN SANDREY was a moderator for talks at the CNLA Winter Meeting at the Westin Hotel in Stamford (January 12).

DR. VICTORIA SMITH participated in the CT Greenhouse Growers meeting, held in Jones Auditorium, with a presentation of a video on Emerald Ash Borer (January 5), participated in the CT Nursery and Landscape Association meeting, held at the Westin Hotel in Stamford, with a display on non-native invasive insects and diseases, a video presentation on Emerald Ash Borer, and a PowerPoint display on the New Jersey Asian Longhorned Beetle infestation (January 11-12), was interviewed by Wayne Norman of WILI radio (Willimantic) on Sudden Oak Death (January 18), participated in the CT Tree Protective Association meeting, held at the Aqua-Turf in Southington, with a display on non-native invasive insects and diseases and a PowerPoint display on the New Jersey Asian Longhorned Beetle infestation (January 20), and participated in the New England Plant Conservation Workshop, held at CT Forest and Parks Association Headquarters in Rockfall, with a short presentation on current Station publications and information on Sudden Oak Death (January 25).

DR. KIRBY C. STAFFORD, III spoke on the activities of CAES at the Connecticut Nursery and Landscape Association meeting in Stamford (Jan. 12), participated in the CAES booth at the Connecticut Tree Protective Association meeting in Southington (Jan. 20), and spoke on Pest Management: Tick and Lyme Disease for the NOFA/Massachusetts Organic Land Care Course in Wellesley, MA (Jan. 25).

PETER TRENCHARD was a moderator for talks at the CNLA Winter Meeting at the Westin Hotel in Stamford (January 12).

Forestry and Horticulture

DR. JEFFREY WARD spoke on "Tree Biology" for the Arboriculture 101 class sponsored by The Connecticut Tree Protective Association, Jones Auditorium (January 5); attended a conference on "The Natural and Cultural History of the Connecticut Forest", sponsored by the Connecticut Chapter of the Society of American Foresters in Storrs (January 13); participated in the Connecticut Urban Forest Council meeting in Middlefield; (January 18); was elected President of the Connecticut Tree Protective Association at the annual meeting in Plainville (January 20).

DR. MARTIN GENT attended the northeast regional American Society for Horticultural Science meeting in Washington DC, chaired the graduate student presentation judging committee, and presented a poster on "Effect of shading on composition of fruit and leaves of greenhouse tomato".(January 4-6); attended a New

England Vegetable and Berry Growers Steering Committee meeting in Manchester, NH (January 18); spoke on "Greenhouse vegetable production" to students from around Connecticut at Timothy Edwards Middle School in South Windsor (January 19); attended the Vegetable Growers meeting sponsored by University of Connecticut in Tolland (January 20).

DR. ABIGAIL MAYNARD spoke on composting and utilization of compost to students and teachers in the Future Problem Solving Program of Connecticut in South Windsor (January 19).

DR. WILLIAM NAIL participated in a meeting of the Connecticut Vineyard and Winery Council at the Valley Lab (January 10); participated in a meeting of scientists and growers to discuss an ongoing SARE project for Southern New England grape growers in East Wareham, MA (January 20-21); visited Joetta Kirk, vineyard manager, at Sakonnet Vineyards in Little Compton, Rhode Island (January 21).

J.P. BARSKY attended a conference on "The Natural and Cultural History of the Connecticut Forest", sponsored by the Connecticut Chapter of the Society of American Foresters in Storrs (January 13).

Lockwood Farm

Plant Pathology and Ecology

DR. SHARON M. DOUGLAS presented a talk entitled "An update on Sudden Oak Death in Connecticut" and organized and participated in an exhibit booth for the Experiment Station at the Winter Meeting of the Connecticut Tree Protective Association in Southington (January 20); participated in a round-table discussion with Faith Campbell, Senior Policy Representative, The Nature Conservancy, on proposed policy changes submitted by USDA-APHIS regarding importation of plants and its impact on exotic diseases and insects (January 24).

DR. WADE H. ELMER moderated the Winter Meeting of the Connecticut Greenhouse Growers Association in Jones (January 5); spoke on "Management of Fusarium corm rot of Gladiolus" at the Annual Meeting of the North American Gladiolus Council in Kissimmee, FL (January 20); presented a seminar on "Physiological and microbial mechanisms of suppressing Fusarium crown and root rot of asparagus with NaCl" to the Plant Pathology Department at the University of Florida in Gainesville, FL (January 25); moderated and presented a talk entitled "Update on preventing, identifying, and managing bedding plant diseases" at the Bedding Plant Meeting in Jones (January 27).

MS. MARY K. INMAN gave a talk entitled "Pruning for the home gardener" to the East Haven Garden Club in East Haven (January 20).

DR. ROBERT E. MARRA attended the Second Sudden Oak Death Science Symposium in Monterey, California (January 18-21).

Soil and Water

GREGORY BUGEER spoke on "Improving Soil in the Home Garden" to the Madison Garden Club and the Bauer Farm in Madison (January 13); moderated a session of the Northeast Aquatic Plant Management Societies Annual Conference in Saratoga Springs, NY, administered the aquatic supervisory license recertification program and attended the board of directors meeting (January 18-19).

DR. JASON WHITE participated in EPA sponsored Steering Committee Conference Call on the organization of the 3rd International Phytotechnologies Conference to be held in April in Atlanta (January 4); attended the Invasive Plant Council meeting at DEP in Hartford (January 18); spoke at Timothy Edwards Elementary School in S. Windsor at the Future Problem Solvers of CT symposium. Talk was entitled "Phytoremediation: Using Plants to clean hazardous waste." (January 19); participated in EPA sponsored Steering Committee Conference Call on the organization of the 3rd International Phytotechnologies Conference to be held in April in Atlanta (January 27).

Valley Laboratory

TIM ABBEY presented Organic Pest Management for Ornamental Insect Pests at the Northeast Organic Farming Association Organic Land Care Course at the Massachusetts Horticultural Society in Wellesley, MA (January 20), Ornamental Plant Insect Pests to a pesticide applicator training class in West Hartford (January 25) and in East Haven (January 27); and Woody Ornamental Plant Problems to a University of Connecticut Master Gardener class in Brooklyn (January 28) and in Stamford (January 31); attended and served on the Winter Education Committee for the Connecticut Nursery and Landscape Association Winter Meeting in Stamford (January 11-12).

DR. RICHARD COWLES presented "Organically acceptable management of turf insect pests" to the Northeast Organic Farmers Alliance's Organic Land Care Workshop, Wellesley, MA, (January 20); spoke on the subject "Chemical control of hemlock woolly adelgid" at the 16th USDA Interagency Research Forum on Gypsy Moth and Other Invasive Species, Annapolis, MD (January 21); spoke to the New Jersey Christmas Tree Growers' Association on "Managing troublesome insect pests in Christmas trees," Freehold, NJ (January 29).

ROSE HISKES displayed a CNLA Discovery & Education Garden poster at the annual meeting of the CNLA in Stamford (January 11-12.); answered questions at the CAES booth at the CTPA winter meeting in Southington (January 20); proctored the private applicator's exam for Christmas tree growers with Tom Rathier in Windsor (January 18); participated in a CTPA symposium planning committee meeting in Windsor (January 14); and gave a talk on invasive plants at Mitchell College in New London (January 27).

DR. JAMES LAMONDIA spoke about "Plant disease development, impact and management" to 160 students attending the Future Problem Solving Program at Timothy Edwards Middle School in South Windsor (January 19); participated in a special meeting of the Connecticut Tree Protection Examining Board at the Connecticut Tree Protective Association meeting in Plantsville (January 20); and presented "All about nematodes" to an Advanced Master Gardener class in Bethel CT (January 31).

DR. TODD L. MERVOSH presented research on "Comparison of granular herbicides for residual weed control in nursery containers" and "Tolerances of container-grown perennials to pre-emergence herbicides" and served as a section chair / moderator at the annual meeting of the Northeastern Weed Science Society in Washington, DC (January 3-6); and met with Frank Haviland, sanctuaries manager for the Hartford Audubon Society, about management strategies for invasive plants (January 19).

THOMAS RATHIER answered questions at the Experiment Station's exhibit booth at the Connecticut Tree Protective Association (CTPA) winter meeting in Southington (January 20); and taught the Soil-Tree Relationship portion of Arboriculture 101 for CTPA in Jones Auditorium (January 31).

Journal Articles Approved January 2005

Aylor, Donald E. Some physical properties of teosinte (*Zea mays* subsp. *Parviglumis*) pollen. *Journal of Experimental Botany*.

Douglas, Sharon M. Update on Sudden Oak Death in Connecticut. *Connecticut Woodlands* (Magazine of the CT Forest & Park Association).

Douglas, Sharon M. Update on Sudden Oak Death in Connecticut. *Sleeping Giant Park Association Newsletter*.

Gent, Martin P. N. Effect of shading on composition of fruit and leaves of greenhouse tomato. *HortScience* (Abstract).

Hiskes, Rose T. Managing white grubs in home lawns. *Experiment Station Fact Sheet*.

LaMondia, James A., Richard S. Cowles, and L. Los. Prevalence and potential impact of soil-dwelling pests and insect pathogenic nematodes in Connecticut strawberry fields. *HortScience*.

Rutledge, Claire E. First record of the soybean aphid, *Aphis glycines* (Hemiptera:Sternorrhyncha:Aphididae) in Connecticut and Massachusetts. The Great Lakes Entomologist.

Stilwell, David E., Craig L. Musante, and Brij L. Sawhney. Cu, Cr and As in soil and plants near coated and uncoated CGA wood. 21st Annual Conference of Soils Sediments and Water, October 17-20, 2005 (Abstract).

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