

First Detector Network News

A newsletter for the NPDN First Detector Community

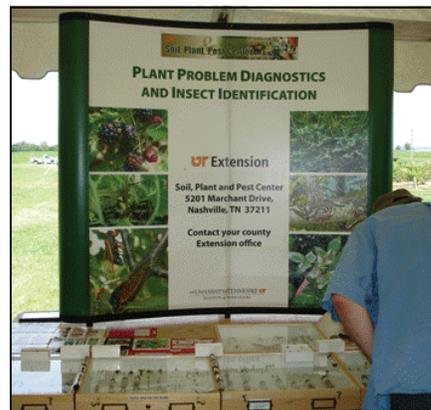
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<p>Highlights.....</p> <p>NEW! DPI pest alert. <i>Xyleborinus andrewesi</i> recently collected in Lee Co. Florida. Read pest alert HERE.</p> <p>NEW! Laurel Wilt confirmed in Mississippi. Read more HERE.</p> <p>NEW! Discovery of disease-carrying Asian citrus psyllid nymph in a package of curry leaves in California. Read more HERE.</p> <p>More Highlights on page 2</p> <p>In this issue....</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Plant Pest Diagnostics Makes a Splash in TN</td> <td style="text-align: right;">Pg 2</td> </tr> <tr> <td>Highlights continued...</td> <td style="text-align: right;">Pg 2</td> </tr> <tr> <td>Employment Opportunities</td> <td style="text-align: right;">Pg 2</td> </tr> <tr> <td>Training and other updates</td> <td style="text-align: right;">Pg 3</td> </tr> <tr> <td>On the Web</td> <td style="text-align: right;">Pg 3</td> </tr> <tr> <td>IR-4 Survey</td> <td style="text-align: right;">Pg 4</td> </tr> <tr> <td>First Detector Awards</td> <td style="text-align: right;">Pg 4</td> </tr> <tr> <td>IPED a new tool for detection of urban pests</td> <td style="text-align: right;">Pg 4</td> </tr> <tr> <td>Editorial information</td> <td style="text-align: right;">Pg 5</td> </tr> <tr> <td>IPM news</td> <td style="text-align: right;">Pg 5</td> </tr> </table>	Plant Pest Diagnostics Makes a Splash in TN	Pg 2	Highlights continued...	Pg 2	Employment Opportunities	Pg 2	Training and other updates	Pg 3	On the Web	Pg 3	IR-4 Survey	Pg 4	First Detector Awards	Pg 4	IPED a new tool for detection of urban pests	Pg 4	Editorial information	Pg 5	IPM news	Pg 5	<h3 style="text-align: center;">The Tale of A Thousand Cankers</h3> <p>Thousand Cankers is the name given to a newly recognized disease that is infecting certain walnut species (<i>Juglans</i> sp.) in the West. This disease generally kills a mature tree in about three years after initial symptoms appear. The vector of this disease is the small walnut twig beetle (<i>Pityophthorus juglandis</i>). The walnut twig beetle is native to North and is normally connected with the Arizona walnut tree. The beetle has a fungus called <i>Geosmithia</i> sp. associated with it. This fungus is regularly recovered from cankers in walnuts and from the beetle itself. The Arizona walnut (<i>Juglans major</i>) appears to be quite resistant to the fungus, however the black walnut (<i>Juglans nigra</i>) is highly susceptible. Dr. Whitney Cranshaw, Department of Bioagricultural Sciences and Pest Management, Colorado State University has this to say about the new disease, "I think thousand cankers disease has the potential to devastate black walnut just as Dutch elm disease nearly wiped out American elm and Chestnut blight eliminated American chestnut". Dr. Cranshaw was kind enough to send a plethora of information to share with the First Detectors. A very informative fact sheet entitled "Questions and Answers about Thousand Cankers Disease of Walnuts" can be viewed here. For a fact sheet on diagnosing Thousand Cankers please click here.</p>
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Plant Pest Diagnostics Makes a Splash at Tennessee Field Day - Frank A. Hale, Ph.D.



Summer Celebration is the annual horticultural extravaganza at the UT West Tennessee Research and Education Center in Jackson, TN. Over 2000 people attended the field day on July 9, 2009 and were wowed by the creative use of landscape plants along with presentations such as Roses to Rock Your World (disease resistant roses), Succulents Gone Wild, Twelve Steps for Herb-a-holics, and Layer Cake Gardens just to name a few. Each year, UT faculty and from the Department of Entomology and Plant Pathology team up with their colleagues in the Department of Plant Sciences to conduct plant pest diagnostics under the big tent. In 2008, an afternoon thunderstorm had everyone scrambling to protect microscopes and displays from the torrential wind and rain while wading through the standing water. This year a perfect July day brought out a great crowd many with diseased plants, insect specimens and weeds in hand. The experts worked hard all day identifying insect, mite, disease and weed samples with appropriate control recommendations being given. While no new pest were brought in by these potential first detectors, I did find some two-banded Japanese weevils on a couple of the ornamental shrubs at the Center. The focal backdrop for our diagnostics tent was a new display made possible with SPDN support. This visually appealing and informative display when not on view at the Soil, Plant and Pest Center in Nashville is used at field days to promote Plant Pest Diagnostics in Tennessee. What a great way for a diagnostician to spend a summer day!



Highlights continued.....

NEW! Oriental fruit fly population discovered in the La Verne area of L.A. County California. A quarantine area has been established. The official pest alert [HERE](#).

NEW! Pest alert Walnut Twig Beetle and Thousand Cankers Disease of Black Walnut [HERE](#)

NEW! More about Citrus Psyllid in California [HERE](#).

NEW! Citrus Greening discovered in Mexico [HERE](#).

Employment Opportunities...

For a complete listing of all the jobs available this month please click [here](#).



Training and other updates...

- Did you know....**NPDN is now on Twitter!** If you need more NPDN relevant updates then check out the NPDN on twitter. The content will focus primarily on items of interest to the First Detectors and the NPDN community. Get those tweets [here](#).



- Do you have an interest in authoring a NPDN E-Learning module? Due to requests a simplified guide for authoring NPDN E-Learning Modules has been posted on the NPDN First Detector information page. That link is [here](#).

National Soybean Rust Short Course in Quincy, Florida at NFREC. August 26-27. 2009. CEU's available.

- See agenda [here](#), and get registered [here](#).

Southeastern Herbicide Applicator Conference Sept 22-24 Panama City, FL.

- Information regarding CEU's and registration [here](#).

Dr. Charles Brodel has developed a 2- part tutorial for ID of adult (part 1) and larval (part 2) dermestid beetles. You can view these tutorials [here](#).

Free Chrysanthemum White Rust educational online webinar. Enjoy this webinar from the privacy and convenience of your own computer. For more information please click [here](#). Webinars will be held August 18, 20, and 25 at 10 AM EST and 2 PM EST.

Pomology Program Annual Fruit Field Day held at the Parma Research & Extension Center in Parma at the University of Idaho. This event is free and open to the public.

On the web...

Join us for the **second annual NPDN meeting in Miami 12/2009**. [More...](#)

For those working in rice: How to scout for water weevil & colaspsis from LSU.

- **Video on water weevil please click [here](#).**
- **Video for colaspsis please click [here](#).**

UF/IFAS Pest Alert on the web [here](#).

Entomology and Nematology Newsletter from IFAS/UF [here](#).

NAPPO Phytosanitary Alert System [here](#).

Pacific Northwest and Treasure Valley Pest Alert Network [here](#).

IR-4 Survey

The IR-4 Project provides safe and effective pest management tools for specialty crop growers. Determining where to focus research is crucial in helping those in need of new pest management products. To gain insight on their research priorities, IR-4 conducts an online survey. The survey takes less than 10 minutes to complete and will identify the most difficult to manage disease, insect, and weed problems. The survey is available now through August 28, 2009 and can be found [here](#).

Outstanding First Detector Educator Awards

The NPDN Training and Education Subcommittee is pleased to announce the following award nominations in order to recognize outstanding or innovative First Detector Educators. The following awards are available: Outstanding First Detector Educator Training Awards, Outstanding Team First Detector Educator Training Award, Outstanding Promotion of the Online Crop Biosecurity Course.

These awards are designed to award hard work and quality training of first detectors which is, in turn, enhancing the quality and strength of the NPDN. For eligibility, nomination requirements, and other information please click [here](#). We also need 3-5 people to judge the nominees. If you are interesting in serving on the judging committee please contact [Sharon Dobesh](#).

IPED - a new tool for detecting urban forest pests & diseases

By Jessica Call, USDA Forest Service — Urban areas are gateways for exotic forest insects and diseases entering the US. In fact nearly all of the high profile invasive forest pests first occurred and are still concentrated in the urban forest environment. The Emerald ash borer (EAB), which has killed more than 50 million ash trees along the Midwest first appeared in the Detroit metro area. The Asian long horned beetle (ALB) which has the potential to decimate native hardwoods was first found in the New York City and Chicago area.

Increased citizen monitoring and improved data collection and analysis through municipal tree inventories have the potential to improve early detection of urban forest pests reducing damage and providing more options for management. In an effort to bolster urban forest pest detection the USDA Forest Service has spear-headed the development of IPED (Inventory, Pest, Evaluation and Detection). IPED is a protocol for detecting pest signs and symptoms more quickly and consistently in the urban forest environment. Ultimately, the data collected through IPED will be compiled into a national database to allow for analysis of pest signs and symptoms at multiple scales. Please click [here](#) to read this article in full.

Click [here](#) if you would like to receive the newsletter via email or to submit articles for inclusion in the next newsletter.

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Editors: Carrie L Harmon, Rachel Brown



The NPDN is a network of state and federal officials, land grant universities, and first detectors whose mission is to detect, diagnose, and disseminate information regarding high consequence plant disease or pests. The five regions that make up the NPDN are: [NEPDN](#), [SPDN](#), [NCPDN](#), [GPDN](#), and [WPDN](#).



IPM news

- Northeastern IPM Center's newsletter Summer 2009 [here](#).
- Invasive Species of MA [here](#)
- Brooklyn Botanical Garden pest alerts and more [here](#).
- North Central IPM pest alerts [here](#).
- Western IPM Center pest alerts [here](#).
- Travelling? Check out the bed-bug registry [here](#).
- University of Idaho Pest Management Center [here](#).
- University of Arizona Pest Alerts [here](#).
- To view the principles of IPM click [here](#).
- University of CA statewide IPM [here](#).
- IPM ACCESS Ecological Maintenance & Design Solutions [here](#).