

**First Detector Network News**  
*A Newsletter for the NPDN First Detector Community*

*The European Grapevine Moth & Spotted Wing Drosophila*  
~ **Richard Hoenisch, WPDN Teaching and Educational Director**

Special thanks to **Dick Hoenisch** for putting together these two very informative articles. Please link to the articles in their entirety at the end of the excerpts.

**The European Grapevine Moth:** (*Lobesia botrana*) has been detected to date in 6 counties in California. EGVM is a serious pest of grape, *Vitis vinifera*, a preferred host, although it is reported from other cultivated and wild hosts as well. It was first described in 1775 from specimens from southern Italy. This moth spread into Austria and is now distributed throughout Europe, North and West Africa, the Middle East, and eastern Russia. Its first occurrence in the New World was

detected in 2009 in Napa County, CA. Detection at the adult stage is done by the California Department of Food and Agriculture (CDFA) and the USDA placing EGVM pheromone traps across the state. There are more than 40,000 traps set statewide to determine exactly where infestations exist. If two or more adult male moths are caught in traps placed no further than three miles apart, then a quarantine is established. Quarantine is also triggered in more than one adult moth is caught in a single trap... Please read the rest of the article [HERE](#).

**Spotted Wing Drosophila Found in California, Oregon, Washington and British Columbia:**

Spotted wing drosophila (SWD) *Drosophila suzukii* (Matsumura) has recently been found in many West Coast areas infesting ripening cherry, raspberry, blackberry, blueberry, and strawberry crops. It has also been observed attacking other soft-flesh fruit such as boysenberry, plums, plumcots, peach, nectarines, apple and persimmons. As of Oct. 2009 the Oregon Department of Agriculture reports it is also found in wine and table grapes. SWD was first detected by the California Department of Food and Agriculture in cherries near Gilroy, CA in 2009. It has now been detected all along the West Coast...Please read the rest of the article [HERE](#).

**Highlights:**

- ***Ceratitis capitata***  
Removal of federal fruit fly quarantine in Fallbrook area of San Diego county, California [HERE](#) & in the Escondido area of San Diego county [HERE](#).
- Thousand Cankers Disease found in Tennessee official report [HERE](#)
- ***Elsinoe australis*:** Sweet Orange Scab of Citrus. This disease has been found on a satsuma tree in Orange, Texas & in Louisiana [HERE](#) & [HERE](#). Official SPRO letter [HERE](#).

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Don't let these bugs confuse you!



Whitney Cranshaw CSU Bugwood.org  
Top: Green metallic wood-borer *Buprestis confuenta*



David Cappaert MSU Bugwood.org  
Bottom: Emerald Ash Borer, *Agrilus planipennis*

## More Pest Alerts

- [Hemlock Woolly Adelgid in Cumberland County, Maine](#)
- **NEW!** [Leek Moth \(\*Acrolepiopsis assectella\*\) a new pest of onions, leeks, garlic & related alliums is making its way into New York](#)
- **NEW!** [Two new turf & garden pests: Asiatic garden beetle & Oriental beetle found in Lansing, Michigan. This is a first report.](#)
- [Ascochyta Blight is appearing throughout the pulse crop growing regions in US & it is very severe in localized areas.](#)
- [Kentucky Pest News](#) contains highlights from the diagnostic lab.
- [Plant and Insect Diagnostic Clinic Update from Iowa State](#)
- [Duponchelia fovealis Zeller moth](#) found in California [HERE.](#)
- [Xanthomonas campestris pv. poinsetticola](#): Poinsettia growers are being advised to look for symptoms of bacterial leaf spot [HERE.](#)
- [Iris Yellow Spot](#) confirmed in Malheur County, Oregon [HERE.](#)
- [Phytophthora infestans](#) was found in tomato fields in Hadley, Massachusetts on July 20, & 23 [HERE.](#)
- [Pest Alerts](#) (South Dakota Dept. of Ag)
- New ant detected in Hawaii [HERE.](#)
- USDA dedicates August to invasive plant pest & disease awareness. Read about it [HERE.](#)
- SPRO letter regarding Emerald Ash Borer. DA-2010-30. This affects Iowa, Pennsylvania, and Virginia. Read the letter [HERE.](#)
- [Bactrocera dorsalis](#): Oriental Fruit Fly (OFF). Establishment of a quarantine area in Los Angeles County, California. [HERE.](#)
- [Lobesia botrana](#): Portions of San Joaquin County, California have been added to the European Grapevine Moth quarantine area [HERE.](#)
- Passionvine viruses alert [HERE.](#)
- **Emerald Ash Borer-** Domestic quarantine of Allamakee County, Iowa; Bedford County, Pennsylvania; & Clarke & Frederick Counties & the City of Winchester, Virginia [HERE.](#)
- APHIS revokes a Federal Order that established a Gladiolus Rust quarantine area for an affected commercial gladiolus farm in Hendry County, Florida [HERE.](#)

### From South Dakota—

Forestry officials are seeing an increase in sample submissions of a beetle people believe to be the Emerald Ash Borer. This confusion is understandable since the Green Metallic Wood-borer is another member of the same family Buprestidae. Their larvae are found in cottonwoods and poplars and usually in dying or dead trees. They are a western species but are more commonly found East River, rather than West River in South Dakota.

**Tip for Southern States-** Since we are officially in hurricane season make sure you scout after each weather event because strong winds will move insects (or pathogens) from infested areas to new fields.

## Training and Other Updates

- [Bugs and Blights monthly series](#), brought to you by WSU, Snohomish County Extension
- **Webinar, “Bleeding Canker of Horsechestnut”.** 8/24/10. More information will be posted [HERE](#).
- [Soybean Rust Short Course: 8/26-27/2010](#). UF-NFREC, Quincy, FL. This course has been designed with the agricultural specialist or consultant in mind. Please follow the link for more information.
- [17th Annual Ornamental Workshop 9/20-24](#) Hendersonville, NC. A great workshop for anyone (students, diagnosticians, specialists, regulatory officials, private consultants, etc) interested in ornamentals.
- [Diseases & Cultural Problems Walkabout: 9/30/10 4:00 pm-6:00pm](#). Holy Cross College, Worcester, MA.
- **Workshop: 10/11-14/10** Miami, FL. [UF-CTA Potential Invasive Pests Workshop](#). This highly relevant workshop targets regulatory agencies, growers and extension agents.
- [Invasive Plant Symposium: 10/14/10](#) University of Connecticut, Storrs, CT. This symposium is for anyone interested in invasive plant issues.
- [Master Beekeeper Program 10/28/2010](#), Estero, FL
- [25th Annual Tomato Disease Workshop 11/16-18/2010](#), Tampa, FL.



***Don't forget, you can now follow the NPDN on Twitter. Get timely, relevant 'tweets' [here!](#)***

## On the Web

- [Bugs and Blights](#) (August) WSU, Snohomish County Extension
- [Greenhouse Management & Production](#) magazine.
- [Northwest Berry & Grape Information Network](#)
- [Watch, Report, Protect—Pest Watch](#)
- [Oxycarenus hyalinipennis](#). An APHIS PPQ PDF.
- [Cotton/Soybean Insect Newsletter](#) (Clemson University)
- [North Carolina Pest News](#) (Depts of Entomology & Plant Pathology)
- [Field Guide to Predators, Parasites & Pathogens attacking Insect & Mite Pests of Cotton: Recognizing the Good Bugs in Cotton](#) (A. Knutson & J. Ruberson)
- <http://emerald-dashborer.info>
- [Don't move firewood.org August 2010](#)





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

*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 NPDN was established in 2002 in response to a need for greater agricultural security. Over the past eight years the NPDN has grown into an internationally respected consortium of plant diagnostic laboratories. The five regions that make up the [NPDN](#) are the: [NEPDN](#), [SPDN](#), [NCPDN](#), [GPDN](#), and [WPDN](#). Please feel free to browse the links to the various regions to get a better idea of what is going on in your part of the country.*



Photo: SPDN




Photo: SPDN



Photo: SPDN

### Integrated Pest Management...

- [Principles of Integrated Pest Management \(IPM\)](#)
- [Penn State IPM](#)
- [IPM institute of North America](#)
- [North Central IPM Center](#)
- [Northeast IPM Center](#)
- [Southern IPM Center](#)
- [Western IPM Center](#)
- [Biological Control In](#)
- [formation Center \(NC State\)](#)
- [IPMnet news](#)
-  [Alabama IPM Communicator](#)
- [Integrated Pest Management Resources MSU](#)

### Employment Opportunities...

Please follow this [link](#) for employment opportunities.