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Integrated Pest Management  
for Commercial Horticulture  
[extension.umd.edu/ipm](http://extension.umd.edu/ipm)

If you work for a commercial horticultural business in the area, you can report insect, disease, weed or cultural plant problems (**include location and insect stage**) found in the landscape or nursery to [sklick@umd.edu](mailto:sklick@umd.edu)

## Coordinator Weekly IPM Report:

Paula Shrewsbury, Professor and Extension Specialist in Ornamental and Turf IPM, Department of Entomology, [pshrewsbury@umd.edu](mailto:pshrewsbury@umd.edu)

## Regular Contributors:

Pest and Beneficial Insect Information: Paula Shrewsbury (Extension Specialist) and Nancy Harding, Faculty Research Assistant

Disease Information: David Clement (Extension Specialist) and Ana Fulladolsa (Plant Pathologist and Director, UMD Diagnostic Lab)

Weed of the Week: Kelly Nichols, Nathan Glenn, (UME Extension Educators), and Chuck Schuster (Retired Extension Educator)

Cultural Information: Ginny Rosenkranz (Extension Educator, Wicomico/Worcester/Somerset Counties)

Fertility Management: Andrew Ristvey (Extension Specialist, Wye Research & Education Center)

Design, Layout and Editing: Suzanne Klick (Technician, CMREC)

## Box Tree Moth is Now in Maryland!

By: Paula Shrewsbury

Box tree moth (BTM), *Cydalima perspectalis* (Lepidoptera: Crambidae) was detected in Washington County, MD this week. An established population of box tree moth was found in Fort Frederick State Park causing damage to boxwood. This was the first detection in MD. Box tree moth is a federally regulated insect and causes significant damage to boxwood (*Buxus* spp.).

Please read the [Maryland Department of Agriculture \(MDA\) press release on BTM](#) that was put out this morning. Also review the [BTM article that was in the July 18<sup>th</sup> IPM Alert](#) that contains information on BTM. If boxwood plants are part of your life, you should be closely monitoring them for BTM and its damage.

**If you see BTM and/or BTM damage to boxwoods please let me know ([pshrewsbury@umd.edu](mailto:pshrewsbury@umd.edu) and [sklick@umd.edu](mailto:sklick@umd.edu)).** Be sure to include the date found, location, and pictures. **MDA should be contacted at [ppwm.MDA@MD.gov](mailto:ppwm.MDA@MD.gov) with the same information and pictures.**

Links for detailed information and pictures of BTM life stages and damage:

UME - <https://extension.umd.edu/resource/box-tree-moth/>

BTM OSU Part 1- <https://ohioline.osu.edu/factsheet/ent-0099>

BTM OSU Part 2- <https://ohioline.osu.edu/factsheet/ent-0100>

BTM OSU Part 3- <https://ohioline.osu.edu/factsheet/ent-0101>

BTM MDA - <https://mda.maryland.gov/plants-pests/Documents/Box%20Tree%20Moth%204x9.pdf>



**Box tree moth adult noting characteristic marks.**  
**Photo: Joe Boggs, OSU**

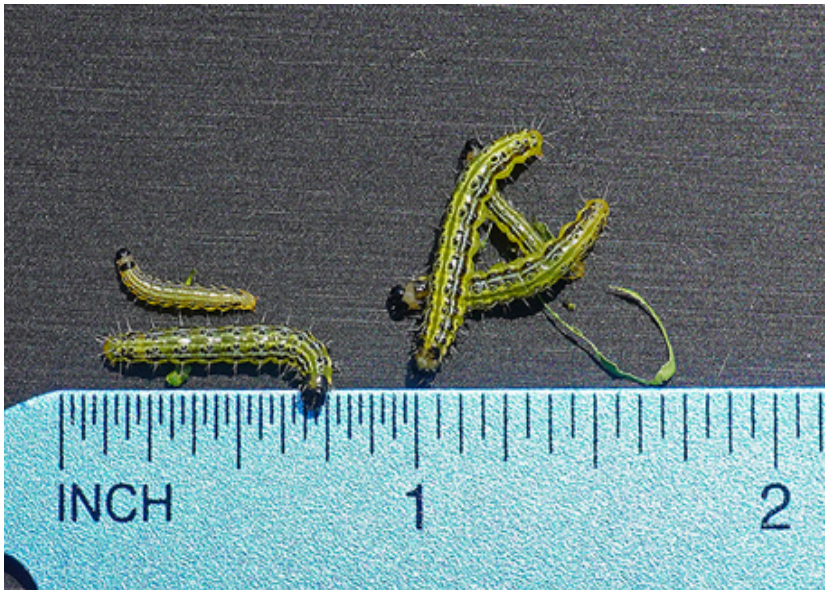


**Box tree moth eggs. Each circle is a caterpillar. If the egg is further developed, you may be able to see the caterpillar inside.**  
**Photo: AdobeStock**



**Damage to the upper leaf surface of boxwood by early instar box tree moth.**  
**Photo: Joe Boggs, OSU**





Box tree moth caterpillars can get up to 1 ½" long.

Photo: Joe Boggs, OSU



Different box tree moth caterpillar stages and messy appearance from box tree moth feeding.

Photo: Joe Boggs, OSU



Box tree moth pupal cases start out green and then become more colorful as they develop.

Photo: Joe Boggs, OSU





Typical “curlicue” feeding damage caused to boxwood by box tree moth.  
Photo: Joe Boggs, OSU



A more habitus view of box tree moth feeding damage to boxwood.  
Photo: Joe Boggs, OSU



An established stand of boxwood damaged by box tree moth caterpillars.  
Photo: Joe Boggs, OSU

## Conferences

July 30, 2025

### **IPM Scouts' Diagnostic Session (afternoon)**

Location: CMREC, Ellicott City, MD

[For more information](#)

September 11, 2025

### **MNLGA Field Day**

Location: Raemelton Farm, Adamstown, MD

September 17, 2025

### **Urban Tree Summit**

<https://urbantreesummit.org/>

Montgomery Parks and Casey Trees, present the fourteenth annual Urban Tree Summit. Presentations will focus on efforts to preserve the health and welfare of trees in our urban and suburban landscapes

October 29, 2025

### **FALCAN Truck and Trailer Safety Seminar**

Location: Urbana Fire Hall, Urbana, MD

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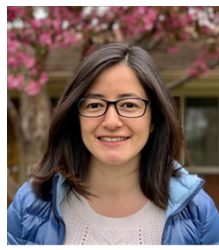
## CONTRIBUTORS:



Paula Shrewsbury  
Extension Specialist  
pshrewsb@umd.edu



David Clement  
Plant Pathologist  
clement@umd.edu



Ana Cristina Fulladolsa  
Plant Pathologist  
acfulla@umd.edu



Nathan Glenn  
Extension Educator  
Howard County  
nglenn@umd.edu



Nancy Harding  
Faculty Research  
Assistant



Kelly Nichols  
Extension Educator  
Montgomery County  
kellyn@umd.edu



Karen Rane  
Plant Pathologist  
UMD-Retired



Andrew Ristvey  
Extension Specialist  
aristvey@umd.edu



Ginny Rosenkranz  
Extension Educator  
Wicomico,  
Worcester, Somerset  
Counties  
rosnkranz@umd.edu



Chuck Schuster  
Retired, Extension  
Educator,  
cfs@umd.edu

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