

Judy Rosovsky

State Plant Regulatory Official (SPRO)  
State Entomologist

Vermont Agency of Agriculture, Food  
and Markets (VAAFMM)

[judy.rosovsky@vermont.gov](mailto:judy.rosovsky@vermont.gov)

802-279-2212

# Update on Federal Pest Deregulations and Status of Pests of Regional Concern

# EAB deregulation update:

Federal regulations re: EAB no longer apply

Federal compliance agreements re: firewood treatment for EAB no longer apply

State certifies kilns – no USDA on stickers

Other regulations remain in effect for firewood

3<sup>rd</sup> party certification under consideration by EPB

See <https://www.dontmovefirewood.org/federal-deregulation-of-emerald-ash-borer/>



Emerald ash borer, *Agrilus planipennis*, larval galleries in ash



EAB adult. Photo by Nathan Siegert, USFS

# EAB VT Update:

13 of 14 VT counties infested

Biocontrol release continues –  
VT FPR/USDA PPQ



*Tetrastichus planipennisi* at  
South Hero release site

Jon Cherico, VT ANR  
FPR, with an oobinator

## Emerald Ash Borer (EAB) Infested Area in Vermont

The green line on this map delineates the EAB Infested Area in Vermont. This is the area to which the Slow the Spread Recommendations refer. It should not be confused with the federal quarantine.

This map will be updated as new locations of EAB are detected in and near Vermont. The map was last modified on 11/19/2021.

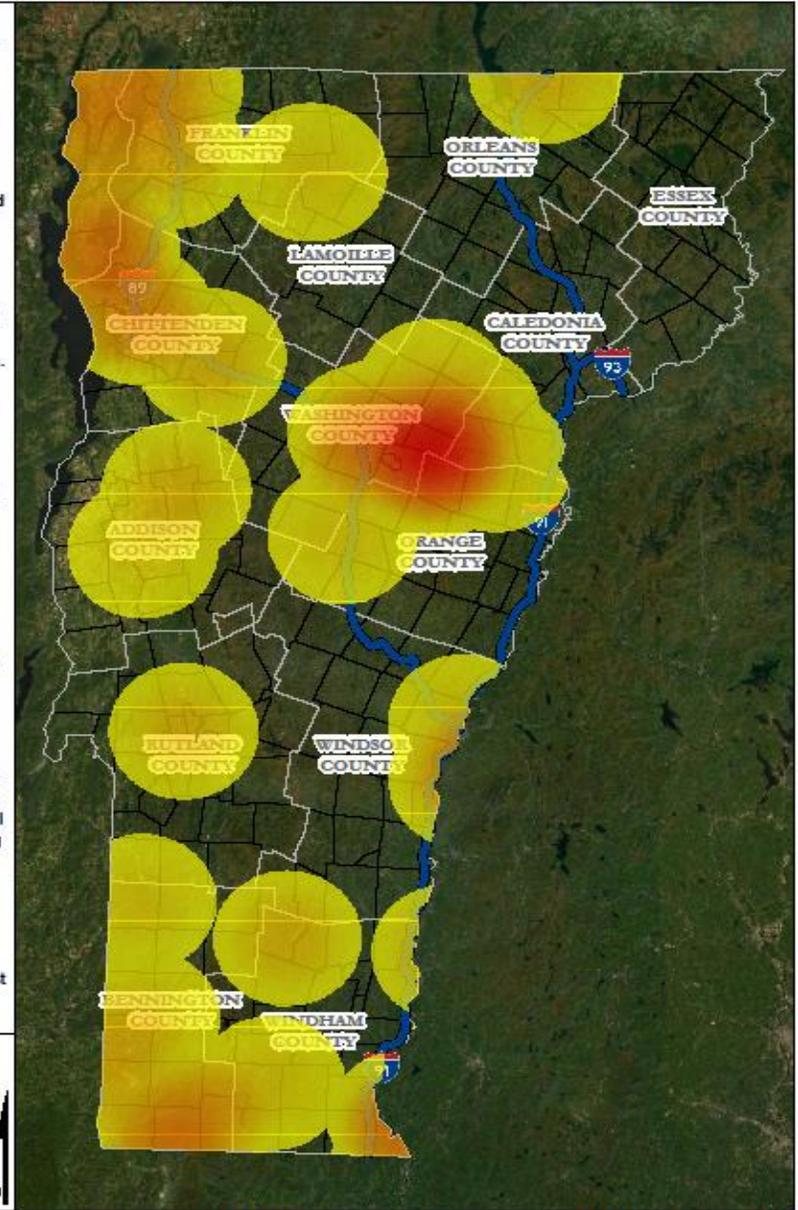
The EAB Infested Area includes both the Confirmed Infested Areas and the High Risk Areas. Confirmed Infested Areas (shaded in red) are within 5 miles of a known infestation. While symptoms may not be obvious, it is likely that EAB is present in much of this area. High Risk Areas (shaded in yellow) extend 5 miles from the outer edge of a Confirmed Infested Area. EAB is likely expanding into, and present in some of this area.

The Infested Area location is also available on the ANR Atlas. The "EAB Infested Area" layer is under the Forests, Parks and Recreation tab in the Atlas Layers. This mapping function allows you to look at the Infested Area in conjunction with other layers like parcels or roads.

All ash in Vermont is within the federal EAB quarantine boundary. It is your responsibility to know where the current boundaries of the federal EAB quarantine are located. Moving material outside of the federal EAB quarantine without a compliance agreement can result in penalties. For more information on moving wood outside of the federal quarantine contact Tony Slowik - Plant Health Safeguarding Specialist USDA APHIS (802) 224-1405.

EAB Areas  
Relative Infestation Severity  
Max  
Min

Miles  
0 12.5 25 50



This map of the EAB Infested Area was accurate as of 11/19/2021. The Infested Area will expand. Prior to basing action on the location of the Infested Area, visit [vtinvasives.org/eab](http://vtinvasives.org/eab) to confirm the current status of the EAB Infested Area.

# Light Brown Apple Moth regulatory update:

LBAM is native to Australia

Detected in CA in May 2007

Found on 2000 plant species

Deregulated as of December 17 2021



<http://www.inaturalist.org/photos/652044>, E. Dunbar

See <https://www.aphis.usda.gov/aphis/newsroom/stakeholder-info/stakeholder-messages/plant-health-news/lbam-deregulation-spro-fo> for details

# PSB and CWR deregulation update



Chrysanthemum white rust; E. Inoue, VAAFM

PSB deregulated of Nov  
2020

VT PSB quarantine is still on  
the books, is not enforced

CWR is still regulated



*Tomiscus piniperda*, the pine shoot beetle

[Gyorgy Csoka, Hungary Forest Research Institute, Bugwood.org](http://Bugwood.org)

# Velvet longhorned beetle deregulation update:



5574691

Image by [Hanna Royals, Screening Aids, USDA APHIS PPQ, Bugwood.org](#)

VLB found on fruit trees, (apple, cherry, peach) mulberry, maple, walnut

USDA APHIS PPQ thinks it is on dead and dying trees/wood only

Found in 12 states, established in at least 3

Arrives in US on furniture, WPM

# VLB update continued:

State	Year of first detection	No. counties with <i>T. campestris</i> detections	Total no. <i>T. campestris</i> recorded	Included in PPQ's <i>T. campestris</i> lure trials in 2018?	Status of <i>T. campestris</i>
IL	2009	5	14	No	Established
UT	2010	4	>1000	Yes	Established
WI	2016	1	82	Yes	Trapped repeatedly since 2016; likely established (Pinski, 2019)
MN	2010	1	104	Yes	Trapped repeatedly since 2010
NY	2013	1	161	Yes	Trapped repeatedly since 2013
OH	2009	5	17	Yes	Trapped repeatedly since 2009
CO	2010	1	2	No	Domestic detection
DE	2011	1	2	No	Domestic detection
NJ	1998	1	2	No	Domestic detection
PA	2015	2	2	No	Domestic detection
PR	2015	1	1	No	Domestic detection
SD	2018	1	1	Yes	Domestic detection

USDA recommended VLB for deregulation

Appeared in VT as part of infested shipment from Minn in 2016

# ALB update:

No Asian Longhorned Beetle in VT

Still present in MA, NY, OH and SC



ALB and oviposition site and exit holes on tree. From USDA APHIS Flickr.

# ALB Update: Tree Removal Table

<b>State</b>	<b>Size (sq mi)</b>	<b>Trees Cut</b>	<b>Date Found</b>
<u>Ongoing Infestations</u>			
• MA	110	36,265	Aug 2008
• NY	53	24,097	Aug 1996
• OH	56.5	113417	June 2011
• SC	76.4	4690	June 2020
<u>Eradicated Infestations</u>			
• IL		2008	
• NJ		2013	
• Toronto Can		2013	

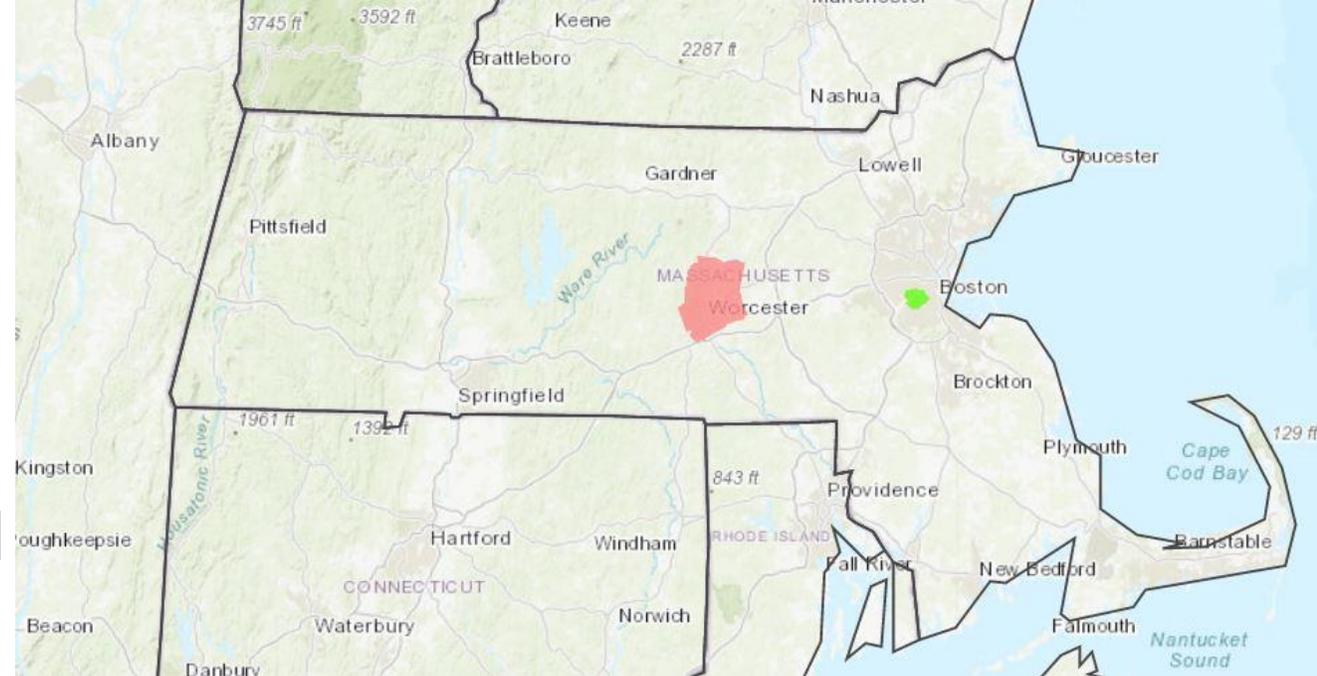
# ALB update:

## § 301.51-2 Regulated articles. (eCFR)

The following are regulated articles:

(a) Firewood (all hardwood species), and green lumber and other material... of

*Acer* (maple), *Aesculus* (horse chestnut), *Albizia* (mimosa), *Betula* (birch), *Cercidiphyllum* (katsura), *Fraxinus* (ash), *Koelreuteria* (golden rain tree), *Platanus* (sycamore), *Populus* (poplar), *Salix* (willow), *Sorbus* (mountain ash), and *Ulmus* (elm).



Maps of MA (above) and NY (below) ALB Quarantine Areas



# Gypsy moth(LDD) review and update

---

What will  
happen in  
Spring 2022?

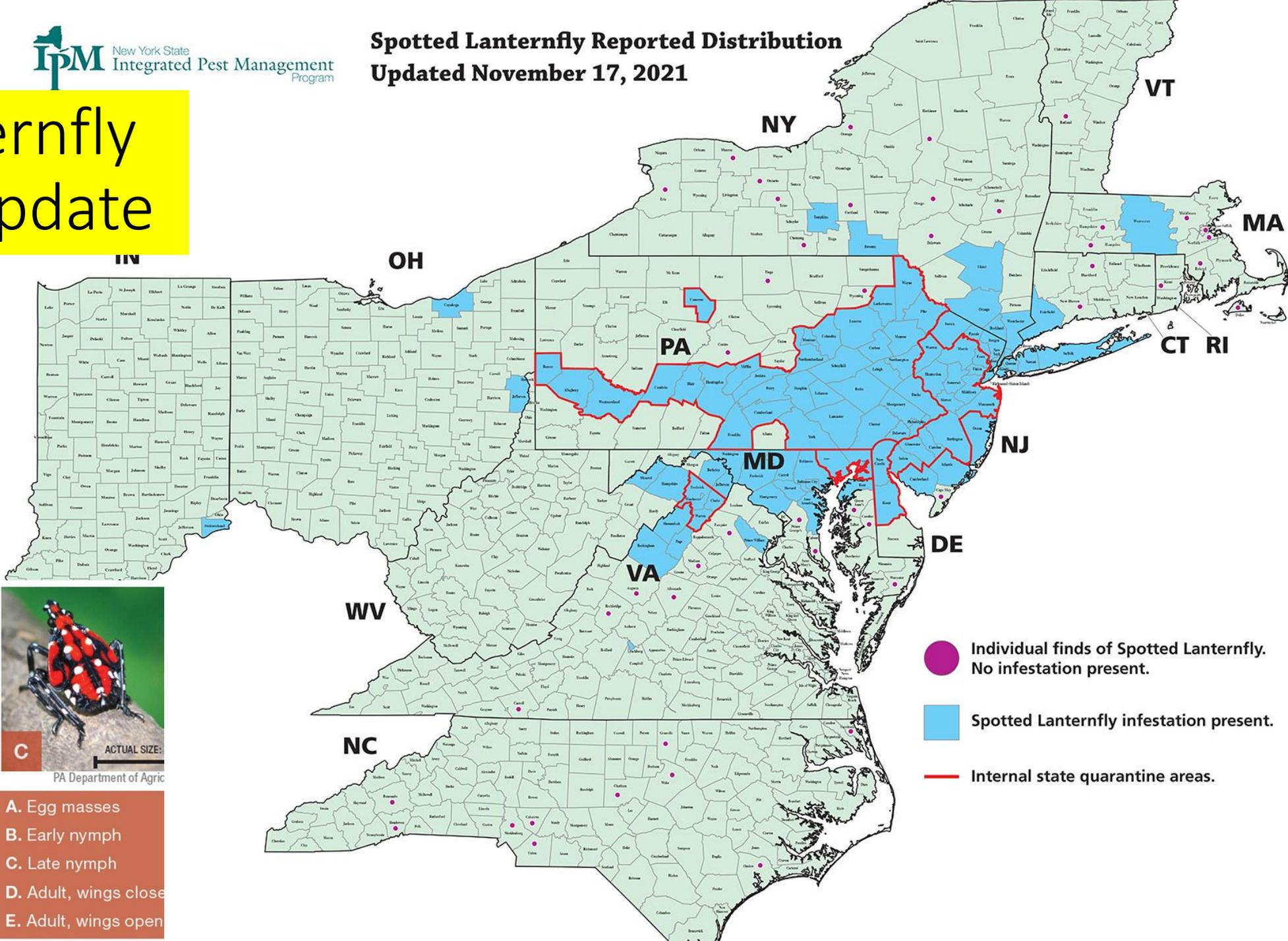




---

Gypsy moth (LDD) update continued

# Spotted lanternfly review and update



E. Swackhamer



**B**

ACTUAL SIZE: 1/4"

PA Department of Agriculture



**C**

ACTUAL SIZE: 1/4"

PA Department of Agriculture



ACTUAL SIZE: 1"



**E**

- A. Egg masses
- B. Early nymph
- C. Late nymph
- D. Adult, wings close
- E. Adult, wings open

Spotted  
lanternfly  
continued

It is NOT in VT

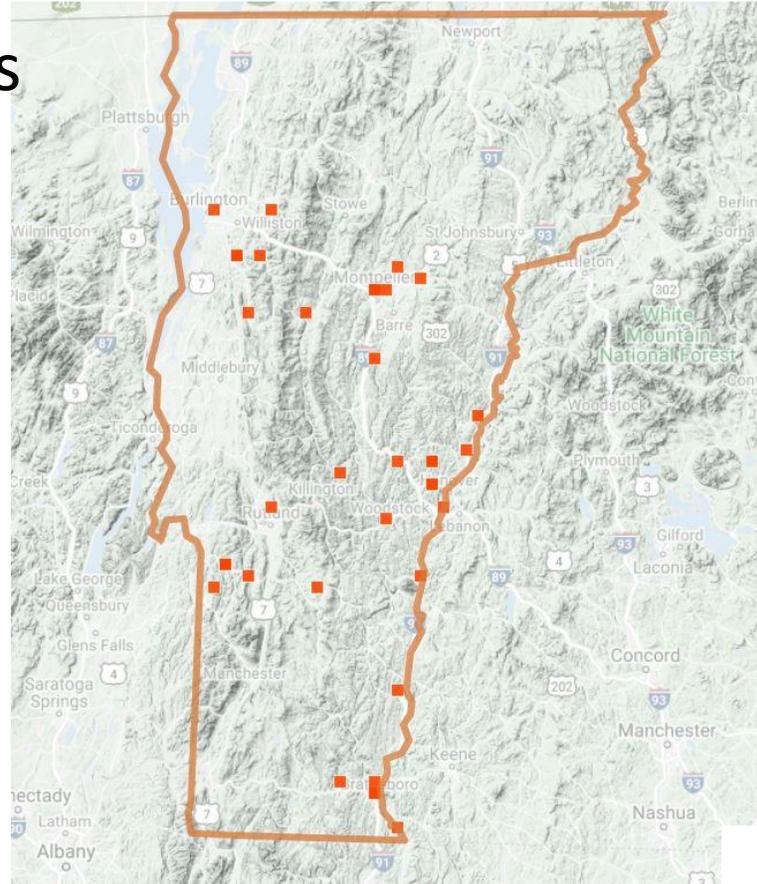
<u>Date</u>	<u>Town</u>	<u>Life stage</u>
2019	Arlington	None
2020	Rutland	Dead adult
2021	Rutland	3 live adults
2021	Berlin	1 dead adult
2021	WRJ	1 dead adult
2021	Springfield	1 dead adult
2021	Essex Junction	1 dead adult

# Jumping worms:

Jumping worms – mostly genus *Amyntas*

Change soil characteristics

No legal treatments yet



VT iNaturalist.org records



<https://www.inaturalist.org/photos/16117746>

Insects of  
Note Found in  
EWBB and  
CAPS Traps  
2021

Vermont notable trap catch:

Bennington County	<i>Anisandrus maiche</i>
Caledonia County	<i>Tomicus piniperda</i>
Orange County	<i>Sirex noctilio</i>

Other New England trap catch:

*Anisandrus maiche* in CT and MA 2020 (see <https://xyleborini.myspecies.info/taxonomy/term/1214/descriptions>)

*Heteroborips seriatus* in 5 MA counties now (SE Asian ambrosia beetle) and in 2 ME counties

*Trichoferus campestris* CT and MA 2020, NH 2021 (velvet longhorn beetle)

*Xylotrechus pyrrhoderus* SW MA 2020 (grape borer)

# Other pests of regional concern

Insects: Brown-tailed moth, Box tree moth

for more info see: [https://www.maine.gov/dacf/mfs/forest\\_health/invasive\\_threats/browntail\\_moth\\_info.htm](https://www.maine.gov/dacf/mfs/forest_health/invasive_threats/browntail_moth_info.htm)

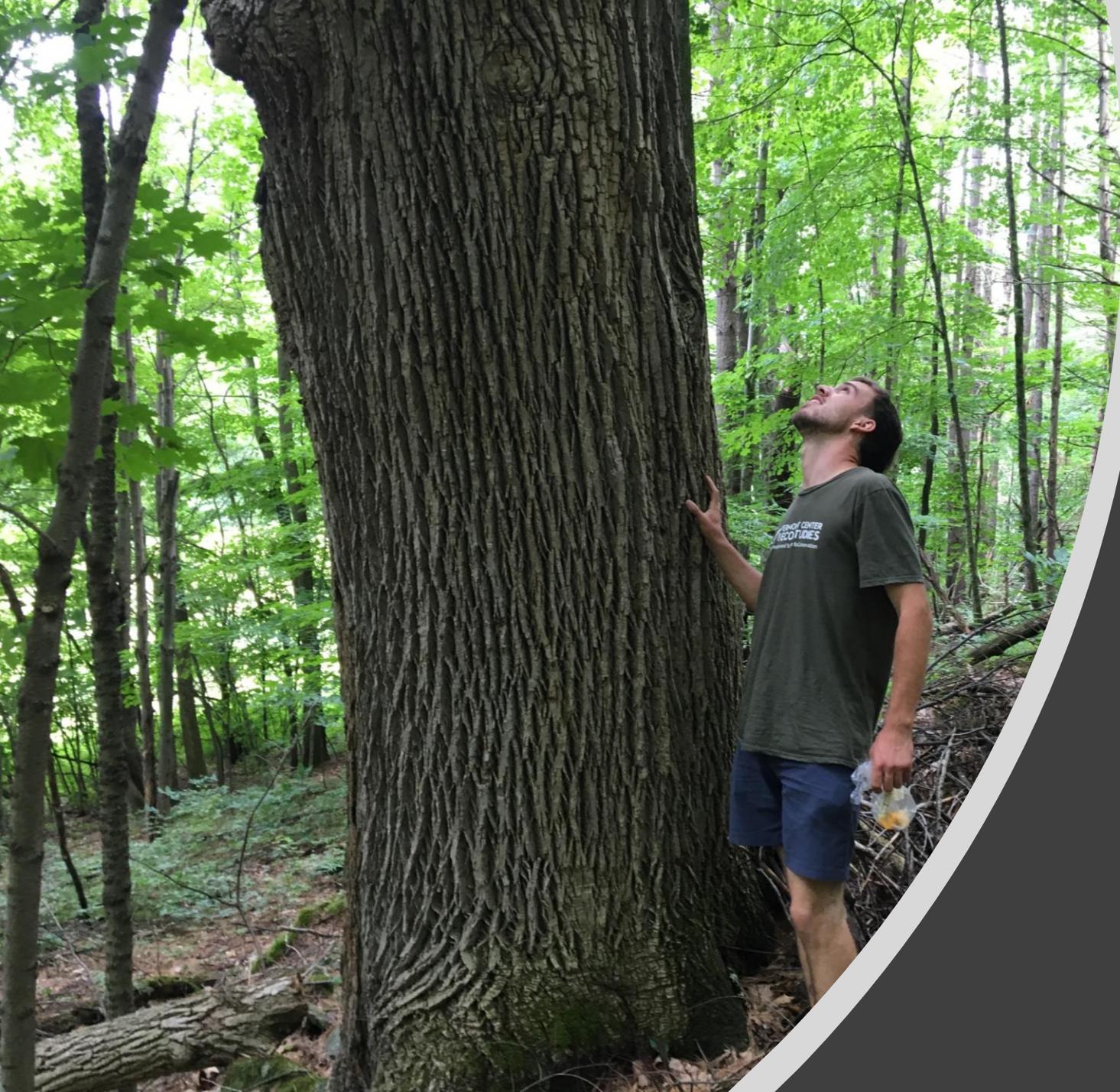


Brown-tailed moth caterpillar and adult; images from ME CDC and DACF

Beech leaf disease; image from Tom Macy, Ohio DNR



Diseases: Beech leaf disease, Oak wilt, Sudden oak death syndrome



Cumulative  
effects of  
these stressors  
unknown

# Any questions?



Asian giant hornet attacking honeybees in Japan, courtesy Washington State Dept. of Agriculture, filmed by Fumihiko Hirai.

<https://www.facebook.com/100002723415901/videos/3022769251157159/>