Asian Longhorned Tick (*Haemaphysalis longicornis*) and Spotted Lanternfly (*Lycorma delicatula*)

November 26, 2019

Current Distribution
Asian longhorned tick (ALT)

Current distribution of Asian longhorned tick (ALT) in the United States. Please access the following link for the most current information and known distribution: Southeastern Cooperative Wildlife Disease Study: https://scwds.shinyapps.io/haemaphysalis/
Spotted Lanternfly (SLF)

Confirmed Spotted Lanternfly Locations

Current known distribution of spotted lanternfly (SLF) in the United States. Please access the following link for the most current information: New York State Integrated Pest Management.

https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/

Projected Distribution of SLF and ALT

Left: Currently confined to a few states in the northeast, map shows projected North American Spotted Lanternfly distribution based on habitat suitability models. Results project potential spread throughout most of New England and the mid-Atlantic states as well as parts of the central United States and West Coast and Pacific Northwest. From: Wakie et al 2019, JEE, https://academic.oup.com/jee/advance-article/doi/10.1093/jee/toz259/5572115

Right: Projected Asian Longhorned Tick distribution based on habitat suitability models. As with SLF, results project potential distribution expansions throughout most of New England and the mid-Atlantic states as well as parts of the central United States and Pacific Northwest. From: I. Rochlin 2018.


Spotted Lanternfly (Lycomia delicatula)
Resources

**Federal**

**United States Department of Agriculture (USDA)**


National Invasive Species Information Center: [https://www.invasivespeciesinfo.gov/profile/spotted-lanternfly](https://www.invasivespeciesinfo.gov/profile/spotted-lanternfly)

Northeastern Integrated Pest Management Center: [https://www.northeastipm.org/working-groups/spotted-lanternfly/](https://www.northeastipm.org/working-groups/spotted-lanternfly/)

**State**

**Connecticut**

**Delaware**
Delaware Department of Agriculture: [https://agriculture.delaware.gov/plant-industries/spotted-lanternfly/](https://agriculture.delaware.gov/plant-industries/spotted-lanternfly/)

**Illinois**
Illinois Department of Agriculture: [https://www2.illinois.gov/sites/agr/Insects/Pests/Pages/Spotted-Lanternfly.aspx](https://www2.illinois.gov/sites/agr/Insects/Pests/Pages/Spotted-Lanternfly.aspx)

**Indiana**
Indiana Department of Natural Resources: [https://www.in.gov/dnr/entomolo/](https://www.in.gov/dnr/entomolo/)

**Kentucky**
Office of the State Entomologist: [http://www.uky.edu/Ag/NurseryInspection/pests/spotted_lanternfly_info.html](http://www.uky.edu/Ag/NurseryInspection/pests/spotted_lanternfly_info.html)

**Maryland**

**Massachusetts**
Massachusetts Department of Natural Resources: 
https://massnrc.org/pests/pestFAQsheets/spottedlanternfly.html

**Michigan**
Michigan Department of Natural Resources: https://www.michigan.gov/dnr/0,4570,7-350-79136_79237_81077-476236--,00.html

**Minnesota**
Minnesota Department of Agriculture: https://www.mda.state.mn.us/plants-insects/spotted-lanternfly

**New Jersey**
New Jersey Department of Agriculture: 
https://www.nj.gov/agriculture/divisions/pi/prog/spottedlanternfly.html

**New York**
New York Department of Environmental Conservation: 
http://www.dec.ny.gov/animals/113303.html

**Pennsylvania**
Pennsylvania Department of Agriculture: 
https://www.agriculture.pa.gov/Plants_Land_Water/PlantIndustry/Entomology/spotted_lanternfly/Pages/default.aspx

**Virginia**
Virginia Department of Agriculture and Consumer Services: 
https://www.vdacs.virginia.gov/plant-industry-services.shtml

**West Virginia**
West Virginia Department of Agriculture: 

**Academia**

Cornell University: https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/spotted-lanternfly/

Pennsylvania State University Extension: https://extension.psu.edu/spotted-lanternfly

University of Florida Extension: 
http://entnemdept.ufl.edu/creatures/ORN/TREES/spotted_lanternfly.html

University of Maryland Extension: https://extension.umd.edu/hgic/topics/spotted-lanternfly

University of Missouri: https://ipm.missouri.edu/MEG/2018/6/spottedLanternFly/
Ohio State University Extension: https://cfaes.osu.edu/news/articles/spotted-lanternfly-settling-in-little-too-close

Virginia Cooperative Extension: https://ext.vt.edu/agriculture/commercial-horticulture/spotted-lanternfly.html

West Virginia University Extension: https://extension.wvu.edu/lawn-gardening-pests/pests/spotted-lanternfly

Other

Entomology Society of America: https://entomologytoday.org/2019/10/03/invasive-spotted-lanternfly-large-potential-range-united-states-beyond/

Media


DrexelNow: https://drexel.edu/now/archive/2019/October/Spotted-Lanternflies-at-Drexel/

Asian Longhorned Tick (*Haemaphysalis longicornis*)

Resources
Federal

Centers for Disease Control and Prevention (CDC): https://www.cdc.gov/ticks/longhorned-tick/index.html

Northeast Regional Center for Excellence in Vector-borne Diseases: http://neregionalvectorcenter.com/longhorned-tick

United States Department of Agriculture (USDA)


National Invasive Species Information Center (NISIC): https://www.invasivespeciesinfo.gov/profile/ asian-longhorned-tick/resources

Department of Defense (DoD)

State

Delaware
Department of Natural Resources and Environmental Control: https://news.delaware.gov/2019/07/31/dnrec-confirms- finding-asian-longhorned-tick-for-first-time/

New York

Rhode Island
TickEncounter Resource Center: https://tickencounter.org/

Tennessee

Academia

Cornell University
North Carolina State University
https://content.ces.ncsu.edu/Asian-longhorned-tick

Pennsylvania State University
https://extension.psu.edu/asian-longhorned-tick-haemaphysalis-longicornis

Rutgers University Center for Vector Biology
http://vectorbio.rutgers.edu/outreach/ticknews.php

University of Arizona Cooperative Extension

University of Florida
http://entnemdept.ufl.edu/creatures/LIVESTOCK/TICKS/Asian_longhorned_tick.html

University of Georgia
https://extension.uga.edu/story.html?storyid=7697

Southeastern Cooperative Wildlife Disease Study (Distribution Map):
https://scwds.shinyapps.io/haemaphysalis/

University of Kentucky
https://entomology.ca.uky.edu/entfact/asian-longhorned-tick-kentucky

University of Tennessee
Extension Institute of Agriculture:
http://utbfc.utk.edu/Content%20Folders/Beef%20Cattle/Health/Publications/asian-longhorned-tick.pdf

Virginia Extension

Other

ZooKeys
https://zookeys.pensoft.net/article/30448/

Media


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