



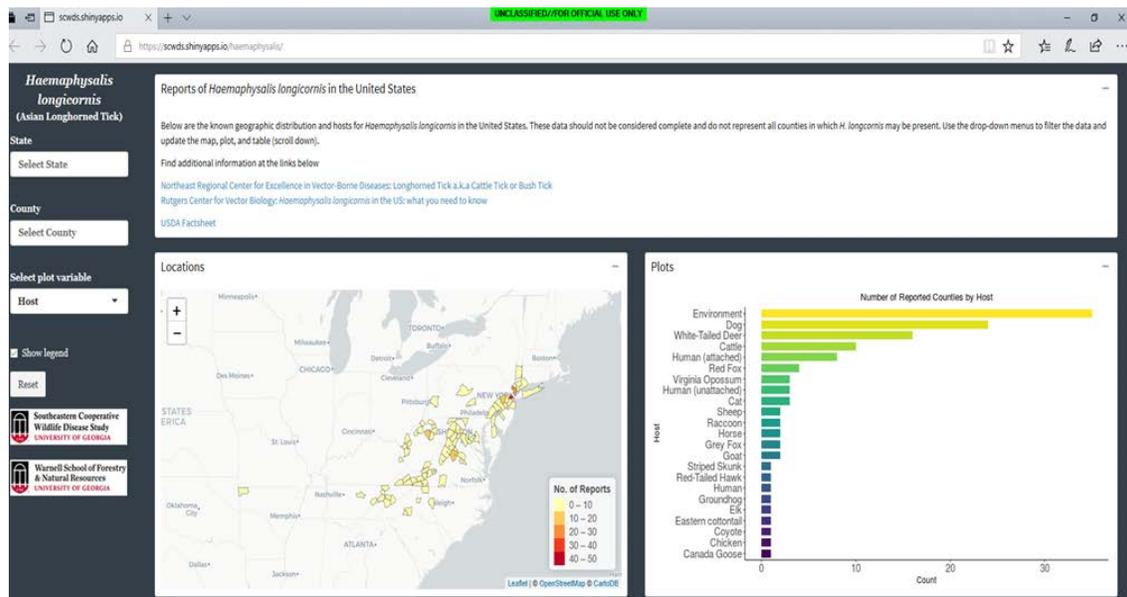
ARMED FORCES PEST MANAGEMENT BOARD
OFFICE OF THE ASSISTANT SECRETARY OF DEFENSE
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Asian Longhorned Tick (*Haemaphysalis longicornis*) and Spotted Lanternfly (*Lycorma delicatula*)

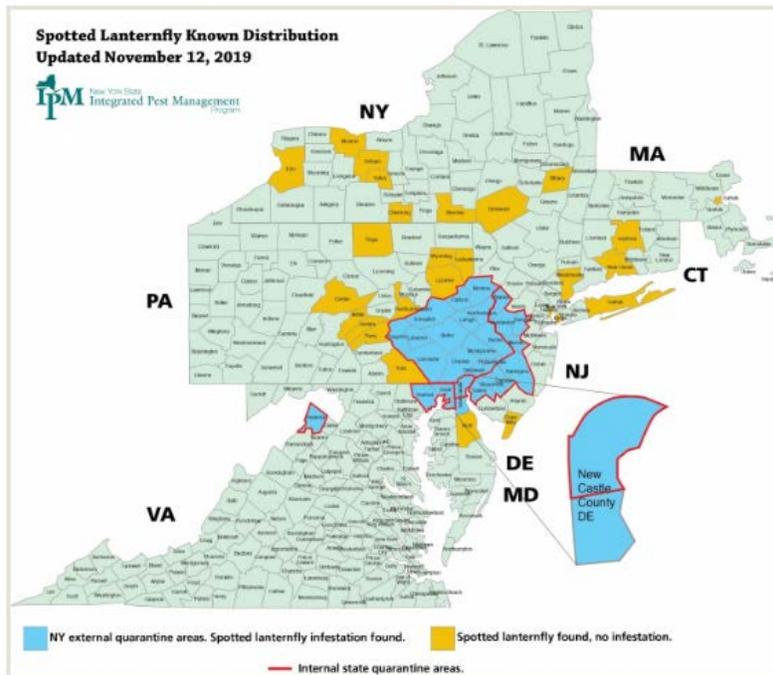
November 26, 2019

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/>

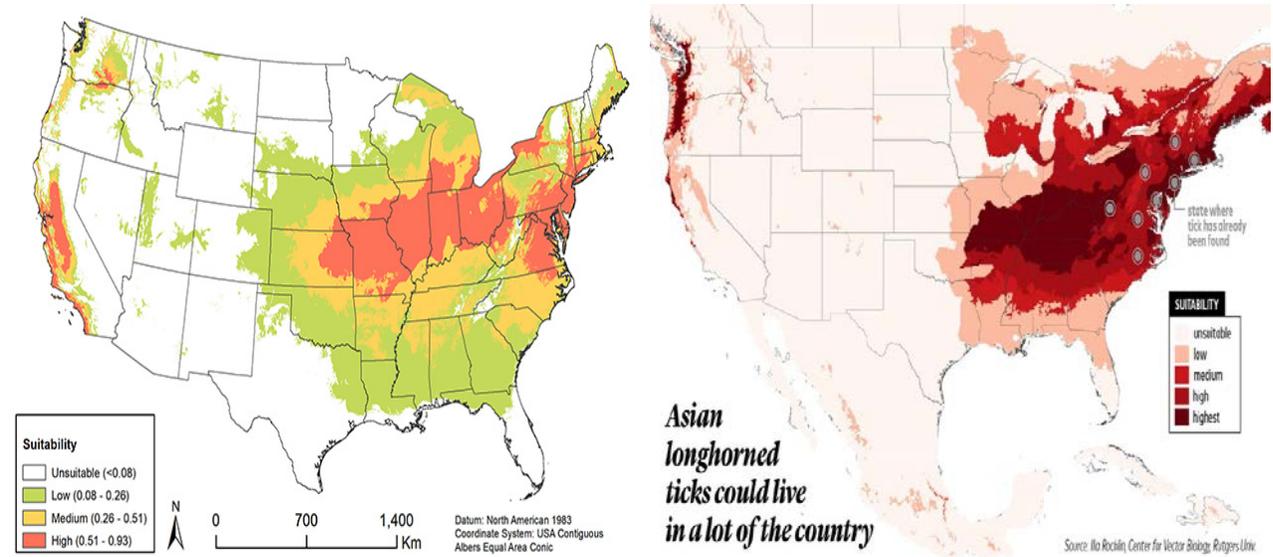
Spotted Lanternfly (SLF) Confirmed Spotted Lanternfly Locations



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.

<https://academic.oup.com/jme/article-abstract/56/2/384/5213063?redirectedFrom=fulltext>

Spotted Lanternfly (*Lycorma delicatula*)

Resources

Federal

United States Department of Agriculture (USDA)

Animal and Plant Health Inspection Service: <https://www.aphis.usda.gov/aphis/resources/pests-diseases/hungry-pests/the-threat/spotted-lanternfly/spotted-lanternfly>

https://www.aphis.usda.gov/aphis/ourfocus/planthealth/plant-pest-and-disease-programs/pests-and-diseases/sa_insects/slf

USDA-APHIS Environmental Assessments:

https://www.aphis.usda.gov/aphis/ourfocus/planthealth/plant-pest-and-disease-programs/sa_environmental_assessments/ct_slf

National Invasive Species Information Center:

<https://www.invasivespeciesinfo.gov/profile/spotted-lanternfly>

Northeastern Integrated Pest Management Center: <https://www.northeastipm.org/working-groups/spotted-lanternfly/>

State

Connecticut

Connecticut Department of Energy and Environmental Protection:

https://www.ct.gov/deep/cwp/view.asp?a=2697&q=608416&deepNav_GID=1631

Delaware

Delaware Department of Agriculture: <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>

Indiana

Indiana Department of Natural Resources: <https://www.in.gov/dnr/entomolo/>

Kentucky

Office of the State Entomologist:

http://www.uky.edu/Ag/NurseryInspection/pests/spotted_lanternfly_info.html

Maryland

Maryland Department of Agriculture: <https://mda.maryland.gov/plants-pests/pages/spotted-lantern-fly.aspx>

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:
https://agriculture.wv.gov/divisions/plantindustries/Documents/New%20Docs/spotted_lanternfly%201.pdf

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

Pittsburg Post-Gazette: <https://www.post-gazette.com/life/outdoors/2019/10/06/spotted-lanternfly-Pennsylvania-Penn-State-Extension/stories/201910060043>

Baltimore Sun: <https://www.baltimoresun.com/news/environment/bs-md-spotted-lanternfly-20191028-20191028-sfyiwny42zfepbn6ays77qypc4-story.html>

PennLive: <https://www.pennlive.com/life/2019/10/where-will-the-spotted-lanternfly-strike-next.html>

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

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)
Animal and Plant Health Inspection Service (APHIS):
<https://www.aphis.usda.gov/aphis/maps/animal-health/asian-longhorned-tick>

Monitoring Haemaphysalis longicornis, the Asian longhorned tick, populations in the United States: https://www.aphis.usda.gov/animal_health/animal_diseases/tick/downloads/h-longicornis-response-plan_usda.pdf

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

Department of Defense (DoD)
Armed Forces Pest Management Board (AFPMB) Technical Guide 26, Tick-borne Diseases:
Vector Surveillance and Control: <https://www.acq.osd.mil/eie/afpmb/docs/techguides/tg26.pdf>

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

New York Department of Health: https://www.health.ny.gov/press/releases/2018/2018-07-17_precaution_against_ticks.htm

Rhode Island

TickEncounter Resource Center: <https://tickencounter.org/>

Tennessee

Department of Agriculture: <https://www.tn.gov/agriculture/news/2019/10/17/invasive-tick-detected-in-six-additional-tennessee-counties.html>

Academia

Cornell University

<https://nysipm.cornell.edu/environment/invasive-species-exotic-pests/asian-longhorned-tick/>

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

<https://extension.arizona.edu/sites/extension.arizona.edu/files/pubs/az1792-2019.pdf>

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

https://www.pubs.ext.vt.edu/content/dam/pubs_ext_vt_edu/ENTO/ento-282/ENTO-282.pdf

Other

ZooKeys

<https://zookeys.pensoft.net/article/30448/>

Media

National Geographic: <https://www.nationalgeographic.com/animals/2018/12/new-invasive-tick-spreading-through-united-states/>

Center for Infectious Disease Research and Policy: <http://www.cidrap.umn.edu/news-perspective/2019/06/first-us-human-bite-worrying-longhorned-tick-noted>

LiveScience: <https://www.livescience.com/64293-longhorned-tick-potential-spread-united-states.html>

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