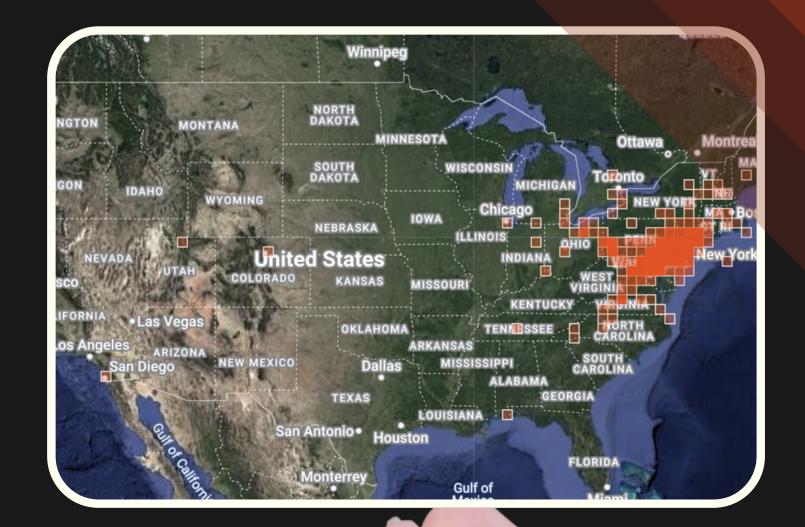
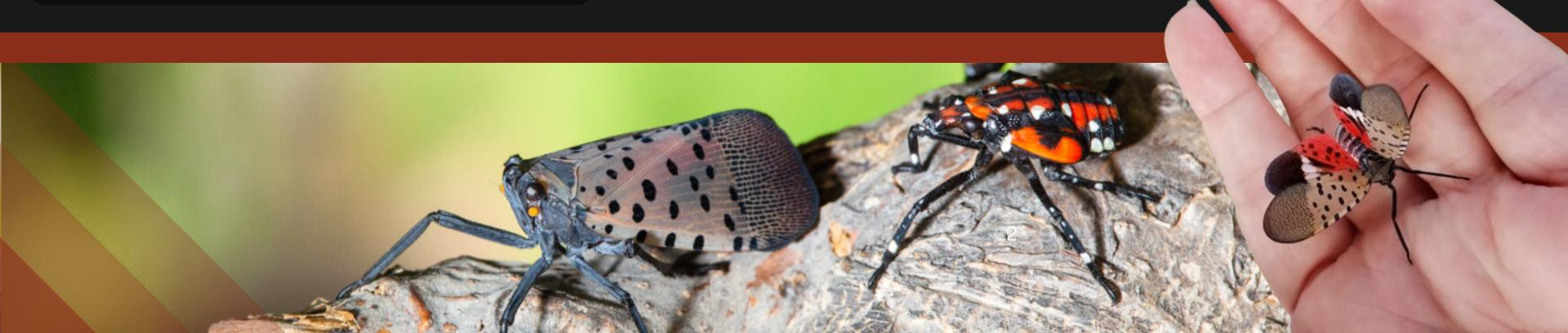
Dogs Can Smell Invasive Species

- Spotted Lanternflies are an invasive species that target woody crop and ornamental plants. They can potentially cause millions of dollars in damage
- Scientists have successfully trained dogs to detect the smell of SLF's eggs





Sources

Sarah A. Kane, Edgar O. Aviles-Rosa, Nathaniel J. Hall, Development and assessment of Spotted Lanternfly (Lycorma delicatula) training aids for detection canines. https://doi.org/10.1016/j.applanim.2023.106011

Spotted lanternfly predicted to establish in California by 2033 without preventative management. https://doi.org/10.1038/s42003-022-03447-0

Laura J Nixon, Caitlin Barnes, Tracy C Leskey, Assessing acceptability of wild and cultivated hosts of Lycorma delicatula (Hemiptera: Fulgoridae) under semifield conditions, Environmental Entomology, 2023;, nvad078, https://doi.org/10.1093/ee/nvad078

Uyi, O., Keller, J.A., Swackhamer, E. et al. Performance and host association of spotted lanternfly (Lycorma delicatula) among common woody ornamentals. Sci Rep 11, 15774 (2021). https://doi.org/10.1038/s41598-021-95376-x

Kelli Hoover, Lidiia Iavorivska, Emily K Lavely, Osariyekemwen Uyi, Brian Walsh, Emelie Swackhamer, Anne Johnson, David M Eissenstat, Effects of long-term feeding by spotted lanternfly (Hemiptera: Fulgoridae) on ecophysiology of common hardwood host trees, Environmental Entomology, 2023;, nvad084, https://doi.org/10.1093/ee/nvad084