

Spotted Lanternfly Literature Bibliography through 2024

(with additional *A. altissima* publications)

- Acevedo, F. E. 2024. The Spotted Lanternfly Contains High Concentrations of Plant Hormones in its Salivary Glands: Implications in Host Plant Interactions. *Journal of Chemical Ecology*.
- Adam, J., and B. Overton. 2023. Forgotten fungi that could be used to control the spread of the spotted lanternfly (Hemiptera: Fulgoridae). *Fungi* 15(5): p. 41-50.
- Adams, J. 2022. State-Level Challenges to Invasive Insect Management: A Case Study of Spotted Lanternfly in the Northeast, Oregon State University. p. 52 pp.
- Aldrich, P. R., J. S. Briguglio, S. N. Kapadia, M. U. Morker, A. Rawal, P. Kalra, C. D. Huebner, and G. K. Greer. 2010. Genetic Structure of the Invasive Tree *Ailanthus altissima* in Eastern United States Cities. *Journal of Botany* 2010:795735.
- Allen, M. C., A. L. Nielsen, D. L. Peterson, and J. L. Lockwood. 2021. Terrestrial eDNA survey outperforms conventional approach for detecting an invasive pest insect within an agricultural ecosystem. *Environmental DNA* 00:1-11.
- An, W., C. Li, S. Zhang, M. Yu, M. Cao, and C. Yang. 2022. A putative new emaravirus isolated from *Ailanthus altissima* (Mill.) Swingle with severe crinkle symptoms in China. *Archives of Virology*.
- APHIS, U. 2016. Finding of No Significant Impact for the Spotted Lanternfly Eradication Program in Bucks, Chester, Berks, Montgomery, and Lehigh Counties, Pennsylvania. USDA APHIS, Carlisle, PA, USA.
- Arduini, I., S. Pampana, and V. Alessandrini. 2024. Resprouting Control of *Ailanthus altissima* by Means of Cut and Stump Covering: Experimental Evidence for a Promising Technique. *Diversity* 16(8).
- Authority, E. F. S. 2021. Scientific Literature Monitoring (EFSA-Q-2021-00437). 1-19 pp.
- Avanesyan, A., C. McPherson, and W. O. Lamp. 2022. Analysis of Plant Trait Data of Host Plants of *Lycorma delicatula* in the US Suggests Evidence for Ecological Fitting. *Forests* 13(12):2017.
- Aviles-Rosa, E. O., S. A. Kane, M. Nita, E. Feuerbacher, and N. J. Hall. 2023. Olfactory threshold of dogs (*Canis lupus familiaris*) to cold-killed Spotted Lantern Fly eggs. *Applied Animal Behaviour Science*:105880.
- Aviles-Rosa, E. O., M. Nita, E. Feuerbacher, and N. J. Hall. 2022. An evaluation of Spotted Lanternfly (*Lycorma delicatula*) detection dog training and performance. *Applied Animal Behaviour Science*:105816.
- Baker, C. M., P. Blonda, F. Casella, F. Diele, C. Marangi, A. Martiradonna, F. Montomoli, N. Pepper, C. Tamborrino, and C. Tarantino. 2023. Using remote sensing data within an optimal spatiotemporal model for invasive plant management: the case of *Ailanthus altissima* in the Alta Murgia National Park. *Scientific Reports* 13(1):14587.
- Baker, T. C., A. J. Myrick, M. S. Wolfen, and Y. Wang. 2021. Visual Responses of Flight-Dispersing Spotted Lanternflies, *Lycorma delicatula* toward a Tall Vertical Silhouette in a Vineyard. *Journal of Insect Behavior* 34:49-60.
- Baker, T. C., E. C. Smyers, J. M. Urban, Z. Meng, K. J. Pagadala Damadaram, A. J. Myrick, M. F. Cooperband, and M. J. Domingue. 2019. Progression of seasonal activities of adults of the spotted lanternfly, *Lycorma delicatula*, during the 2017 season of mass flight dispersal behavior in eastern Pennsylvania. *Journal of Asia-Pacific Entomology* 22(3):705-713.
- Bao, K.-X., Y.-Q. Dang, X.-Y. Wang, and J.-Z. Cui. 2022. Influencing factors for natural populations of *Lycorma delicatula* in different habitats. *Chinese Journal of Applied Ecology* 33(1):248-254.
- Barker, B., and L. Coop. 2024. Spotted Lanternfly *in* Phenology/Degree-Day and Climate Suitability Model Analysis. USDA NIFA AFRI Tactical Suitability Model Analysis, USPEst.org.
- Barringer, L., L. R. Donovall, S. Spichiger, D. Lynch, and D. Henry. 2015. The First New World Record of *Lycorma delicatula* (Insecta: Hemiptera: Fulgoridae). *Entomological News* 125(1):20-23.

- Bell, K. L., M. Campos, B. D. Hoffmann, F. Encinas-Viso, G. C. Hunter, and B. L. Webber. 2024. Environmental DNA methods for biosecurity and invasion biology in terrestrial ecosystems: Progress, pitfalls, and prospects. *Science of The Total Environment* 926:171810.
- Belouard, N., and J. E. Behm. 2023. Multiple paternity in the invasive spotted lanternfly (Hemiptera: Fulgoridae). *Environmental Entomology*:nvad083.
- Bertelsmeier, C., A. Bonnamour, E. G. Brockerhoff, P. Pyšek, J. Skuhrovec, D. M. Richardson, and A. M. Liebhold. 2024. Global proliferation of nonnative plants is a major driver of insect invasions. *BioScience*:biae088.
- Biddinger, D. J., H. Leach, B. Walsh, and J. Urban. 2020. Plant Protection Final Report: Spotted Lanternfly Nymphs and Adults on Sunflower, Peach and Grape. D. o. Entomology, Pennsylvania State University.
- Bien, T., B. Alexander, C. Li, N. Goeler-Slough, S. T. Hsieh, and S. A. Kane. 2023. How spotted lanternflies get back on their feet: 3D mechanical modeling explains terrestrial self-righting strategies. *BioRxiv*:2023.2002.2006.527347.
- Bien, T., B. H. Alexander, E. White, S. T. Hsieh, and S. A. Kane. 2022. Sizing up spotted lanternfly nymphs for instar determination and growth allometry. *BioRxiv*:2022.2003.2007.483361.
- Bory, G., and D. Clair-Maczulajtys. 1990. Importance of foliar nectaries in the physiology of tree of heaven (*Ailanthus glandulosa* Desf., Simaroubaceae). *Bulletin de la Société Botanique de France. Lettres Botaniques* 137(2-3):139-155.
- Bosman, A. 2022. Honeydew secretions could be used to manage crop pests. *earth.com*.
- Bräunig, P., K. Krumpholz, and W. Baumgartner. 2012. Sensory pits e Enigmatic sense organs of the nymphs of the planthopper *Issus coleoptratus* (Auchenorrhyncha, Fulgoromorpha). *Arthropod Structure & Development* 41:443-458.
- Brooks, R. K., A. Toland, A. C. Dechaine, T. McAvoy, and S. Salom. 2020. The Inability of Spotted Lanternfly (*Lycorma delicatula*) to Vector a Plant Pathogen between its Preferred Host, *Ailanthus altissima*, in a Laboratory Setting. *Insects* 11(8).
- Brooks, R. K., J. N. Barney, and S. M. Salom. 2021. The invasive tree, *Ailanthus altissima*, impacts understory nativity, not seedbank nativity. *Forest Ecology and Management* 489:1-11.
- Burch, P. L., and S. M. Zedaker. 2003. Removing the Invasive Tree *Ailanthus altissima* and Restoring Natural Cover. *Journal of Arboriculture* 29:18-24.
- Burne, A. R. 2020. Pest Risk Assessment: (*Lycorma delicatula* (spotted lanternfly) (November 2019). M. f. P. Industries, New Zealand.
- Burrows, G. E., and R. J. Tyrl. 2012. Families with Species of Questionable Toxicity or Significance: *Ailanthus*. Pages 1390 *Toxic Plants of North America*. Wiley-Blackwell, Ames, Iowa, USA.
- Burrows, M., and G. Sutton. 2013. Interacting Gears Synchronize Propulsive Leg Movements in a Jumping Insect. *Science* 341:1254-1256.
- Broadley, H. J., J. R. Gould, L. T. Sullivan, X.-y. Wang, K. A. Hoelmer, M. L. Hickin, and J. S. Elkinton. 2021. Life History and Rearing of *Anastatus orientalis* (Hymenoptera: Eupelmidae), an Egg Parasitoid of the Spotted Lanternfly (Hemiptera: Fulgoridae). *Environmental Entomology* 50(1):28-35.
- Byeon, D.-h., J.-M. Jung, S. Jung, and W.-H. Lee. 2020. Effect of types of meteorological data on species distribution predicted by the CLIMEX model using an example of *Lycorma delicatula* (Hemiptera: Fulgoridae). *Journal of Asia-Pacific Biodiversity* 13(1):1-6.
- Calvin, D. D., J. A. Keller, J. Rost, B. Walsh, D. Biddinger, K. Hoover, B. Treichler, A. Johnson, and R. T. Roush. 2021. Spotted Lanternfly (Hemiptera: Fulgoridae) Nymphal Dispersion Patterns and Their Influence on Field Experiments. *Environmental Entomology* XX(XX):1-15.
- Calvin, D. D., J. Rost, J. Keller, S. Crawford, B. Walsh, M. Bosold, and J. Urban. 2023. Seasonal activity of spotted lanternfly (Hemiptera: Fulgoridae), in Southeast Pennsylvania. *Environmental Entomology*:nvad093.

- Cantu, A., E. O. Aviles-Rosa, N. J. Hall, and P. A. Prada-Tiedemann. 2024. Evaluation of Volatile Organic Compounds from Spotted Lanternfly (*Lycorma delicatula*) Eggs Using Headspace Odor Sampling Methods. *Insects* 15(10).
- Caton, B. P., H. Fang, G. R. Pallipparambil, and N. C. Manoukis. 2023. Transect-based trapping for area-wide delimitation of insects. *Journal of Economic Entomology*:toad059.
- Caton, B. P., J. S. Rogers, and C. N. Marasas. 2021. Taxonomic, Geographic, and Diversity Trends for Exotic Plant Pests in Recent Biosurveillance Articles. *Journal of Pest Science*:1-15.
- Chandler, J. L. 2021. *in*.
- Chaperon, P. N., A. Rodríguez-San Pedro, C. A. Beltrán, J. L. Allendes, R. M. Barahona-Segovia, F. Urrea, and A. A. Grez. 2022. Effects of adjacent habitat on nocturnal flying insects in vineyards and implications for bat foraging. *Agriculture, Ecosystems & Environment* 326:107780.
- Charles, R. B., and W. W. Stephen. 2023. A Review of the Planthoppers (Hemiptera: Fulgoroidea) of the United States: Supplement 1. *Transactions of the American Entomological Society* 149(1):39-69.
- Chartois, M., G. Fried, and J.-P. Rossi. 2024. Climate and host plant availability are favourable to the establishment of *Lycorma delicatula* in Europe. *Agricultural and Forest Entomology* n/a(n/a).
- Chase, K. D., and S. E. Wright. 2023. Preemergent Control of Spotted Lanternfly, 2020. *Arthropod Management Tests* 48(1):tsad001.
- Chengpei, L., J. X. Aaron, B. Eric, S. T. Hsieh, and K. Suzanne Amador. 2023. Putting a new spin on insect jumping performance using 3D modeling and computer simulations of spotted lanternfly nymphs. *BioRxiv*:2023.2006.2020.545794.
- Cho, S., J. Lee, J. Jeong, J. Yang, C. Yoon, and G. Kim. 2011. Comparison of Cuticular Hydrocarbons of Different Developmental Stages of the Spot Clothing Wax Cicada, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Korean Journal of Applied Entomology* 50(3):185-194.
- Choi, D., D. Kim, S. Ko, B. Kang, J. Park, S. Kim, and K. Choi. 2012. Environmentally-friendly Control Methods and Forecasting the Hatching Time *Lycorma delicatula* (Hemiptera: Fulgoridae) in Jeonnam Province. *Korean Journal of Applied Entomology* 51(4):371-376.
- Choi, D., K. Kim, and Y. Jang. 2011. Agonistic interactions between nymphs of *Lycorma delicatula* (Hemiptera: Fulgoridae). *Journal of Asia-Pacific Entomology* 14:21-25.
- Choi, M., Z. Yang, X. Wang, Y. Tang, Z. Hou, J. Kim, and Y. W. Byeon. 2014. Parasitism Rate of Egg Parasitoid *Anastatus orientalis* (Hymenoptera: Eupelmidae) on *Lycorma delicatula* (Hemiptera: Fulgoridae) in China. *Korean Journal of Applied Entomology* 53(2):135-139.
- Chu, H. J. 1931. Notes on the Life-history of *Lycorma delicatula* White in Nanking. *Peking Natural History Bulletin* 5(2):33.
- Clark, J., Y. Wang, and P. V. August. 2014. Assessing current and projected suitable habitats for tree-of-heaven along the Appalachian Trail. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences* 369(1643):20130192-20130192.
- Clark, S. 2024. Assessing State Invasive Species Schemes Through the Lens of the Spotted Lanternfly. *William & Mary Environmental Law and Policy Review* 48(2):339-362.
- Clifton, E. H., L. A. Castrillo, A. Gryganskyi, and A. E. Hajek. 2019. A pair of native fungal pathogens drives decline of a new invasive herbivore. *PNAS* 116(19):9178-9180.
- Clifton, E. H., L. A. Castrillo, and A. E. Hajek. 2021. Discovery of two hypocrealean fungi infecting spotted lanternflies, *Lycorma delicatula*: *Metarhizium pemphigi* and a novel species, *Ophiocordyceps delicatula*. *Journal of Invertebrate Pathology* 186.
- Clifton, E. H., L. A. Castrillo, S. T. Jaronski, and A. E. Hajek. (Original Research). 2023. Cryptic diversity and virulence of *Beauveria bassiana* recovered from *Lycorma delicatula* (spotted lanternfly) in eastern Pennsylvania. *Frontiers in Insect Science* 3.

- Clifton, E. H., and A. E. Hajek. 2022. Efficacy of *Beauveria bassiana* and *Cordyceps javanica* mycoinsecticides against spotted lanternflies, *Lycorma delicatula*, in laboratory bioassays. *Biocontrol Science and Technology*:1-13.
- Clifton, E. H., A. E. Hajek, N. E. Jenkins, R. T. Roush, J. P. Rost, and D. J. Biddinger. 2020. Applications of *Beauveria bassiana* (Hypocreales: Cordycipitaceae) to Control Populations of Spotted Lanternfly (Hemiptera: Fulgoridae), in Semi-Natural Landscapes and on Grapevines. *Environmental Entomology* 49(4):854-864.
- Contreras-Orendain, L. 2021. Limitations of Genomic Analysis on Novel Species, Haverford College, Haverford, PA. 41 pp.
- Cook, R. T., S. F. Ward, A. M. Liebhold, and S. Fei. 2021. Spatial dynamics of spotted lanternfly, *Lycorma delicatula*, invasion of the Northeastern United States. *NeoBiota* 70:23-42.
- Cooper, W. R., A. T. Marshall, J. Foutz, M. R. Wildung, T. D. Northfield, D. W. Crowder, H. Leach, T. C. Leskey, S. E. Halbert, and J. B. Snyder. 2021. Directed Sequencing of Plant Specific DNA Identifies the Dietary History of Four Species of *Auchenorrhyncha* (Hemiptera). *Annals of the Entomological Society of America*.
- Cooperband, M. F., R. Mack, and S.-E. Spichiger. 2018. Chipping to Destroy Egg Masses of the Spotted Lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Journal of Insect Science* 18(3).
- Cooperband, M. F., and K. M. Murman. 2022. Responses of adult spotted lanternflies to artificial aggregations composed of all males or females. *Frontiers in Insect Science* 2.
- Cooperband, M. F., and K. M. Murman. 2024. Spotted Lanternflies Respond to Natural Pheromone Lures for Mate-Finding and Oviposition. *Insects* 15(6).
- Cooperband, M. F., J. Wickham, K. Cleary, S. Spichiger, L. Zhang, J. Baker, I. Canlas, N. T. Derstine, and D. Carrillo. 2019. Discovery of Three Kairomones in Relation to Trap and Lure Development for Spotted Lanternfly (Hemiptera: Fulgoridae). *Journal of Economic Entomology* 112(2):671-682.
- Cooperband, M. F., J. D. Wickham, and M. L. Warden. 2023. Factors Guiding the Orientation of Nymphal Spotted Lanternfly, *Lycorma delicatula*. *Insects* 14(3).
- Dara, S. K., L. Barringer, and S. P. Arthurs. 2015. *Lycorma delicatula* (Hemiptera: Fulgoridae): A New Invasive Pest in the United States. *Journal of Integrated Pest Management* 6(1):1-6.
- Dauth, B., O. Maschek, S. Steinkellner, T. Kirisits, and E. Halmschlager. 2022. Non-target effects of *Verticillium nonalfalfae* isolate Vert56 used for biological control of *Ailanthus altissima* on agricultural crops known to be generally susceptible to *Verticillium* spp. *Biological Control* 174:105030.
- Day, E. 2024. Spotted Lanternfly: Where are We Now? *Virginia Forest Landowner Update* 38(Winter 2024):4-5.
- De Bona, S., L. Barringer, P. Kurtz, J. Losiewicz, G. R. Parra, and M. R. Helmus. 2023. Iydemapr: an R package to track the spread of the invasive Spotted Lanternfly (*Lycorma delicatula*, White 1845) (Hemiptera, Fulgoridae) in the United States. *BioRxiv*:2023.2001.2027.525992.
- de Lillo, E., F. Marini, M. Cristofaro, D. Valenzano, R. Petanović, B. Vidović, T. Cvrković, and M.-C. Bon. 2022. Integrative Taxonomy and Synonymization of *Aculus mosoniensis* (Acari: Eriophyidae), a Potential Biological Control Agent for Tree of Heaven (*Ailanthus altissima*). *Insects* 13(5).
- Dechaine, A. C., D. G. Pfeiffer, T. P. Kuhar, S. M. Salom, T. C. Leskey, K. C. McIntyre, B. Walsh, and J. H. Speer. (Original Research). 2023. Dendrochronology reveals different effects among host tree species from feeding by *Lycorma delicatula* (White). *Frontiers in Insect Science* 3.
- Dechaine, A. C., M. Sutphin, T. C. Leskey, S. M. Salom, T. P. Kuhar, and D. G. Pfeiffer. 2021. Phenology of *Lycorma delicatula* (Hemiptera: Fulgoridae) in Virginia, USA. *Environmental Entomology* 50(6):1267-1275.
- Decker, H. 2021. Citizen Science: Training Pet Dogs to Detect the Spotted Lanternfly, Virginia Polytechnic Institute and State University. 94 pp.

- Deecher, E. 2023. Monitoring and cold tolerance of the invasive spotted lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae), The Pennsylvania State University, College Station, Pennsylvania. 92 pp.
- Derstine, N. T., L. Meier, I. Canlas, K. M. Murman, S. L. Cannon, D. Carrillo, M. S. Wallace, and M. F. Cooperband. 2020. Plant Volatiles Help Mediate Host Plant Selection and Attraction of the Spotted Lanternfly (Hemiptera: Fulgoridae): a Generalist with a Preferred Host. *Environmental Entomology* 49(5):1049-1062.
- Desko, M., C. Schiebel, S. Silverman, J. Bickel, K. Felton, and J. L. Chandler. 2020. The Probability of Spotted Lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae), Escape Differs Among Life Stages and Between Two Trapping Techniques Commonly Used by Landowners, Sticky Bands and Duct Tape. *The Great Lakes Entomologist* 53(2):170-177.
- Dinets, V. 2021. First Case of Endothermy in Semisessile Animals. *Journal of Experimental Zoology*:1-4.
- Ding, J., R. Reardon, Y. Wu, H. Zheng, and W. Fu. 2006. Biological control of invasive plants through collaboration between China and the United States of America: A perspective. *Biological Invasions* 8.
- Ding, J., Y. Wu, H. Zheng, W. Fu, R. Reardon, and M. Liu. 2006. Assessing potential biological control of the invasive plant, tree-of-heaven, *Ailanthus altissima*. *Biocontrol Science and Technology* 16(6):547-566.
- Ding, Z., J. Yang, P. Li, Y. Xing, S. Tang, and L. Wang. 2020. An Interlayer of Multiple Microscale Hollow Channels Enhances the Durability of Surface Topographies. *ChemNanoMat* 6(3):373-378.
- Do-Hun Gook, M. J. J.-W. K. D.-H. L. 2021. Dispersal patterns of *Lycorma delicatula* (Hemiptera: Fulgoridae) during oviposition period and subsequent oviposition patterns in *Ailanthus altissima* (Simaroubaceae). *한국응용곤충학회 학술대회논문집*:70-70.
- Domingue, M. J., M. F. Cooperband, and T. C. Baker. 2020. Skewed adult sex ratios observed early in the North American invasion of *Lycorma delicatula* (Hemiptera: Fulgoridae). *Journal of Asia-Pacific Entomology* 23(2):425-429.
- Dong, J. F. 1983. Studies in the biology of *Dryinus* sp., a hymenopterous paracitoid of *Lycorma delicatula* White (Homoptera: Fulgoridae). *Natural Enemies of Insects* 5:228-230.
- Dong-soon, K. 2021. A Review on the Insecticidal Activity of Neem Extracts (Azadirachtin) and its Current Status of Practical use in Korea. *Korean Journal of Applied Entomology* 60(4):463-471.
- Du, E., S. Wang, Y.-X. Luan, C. Zhou, Z. Li, N. Li, S. Zhou, T. Zhang, W. Ma, Y. Cui, D. Yuan, C. Ren, J. Zhang, S. Roth, and S. Li. 2022. Convergent Adaptation of Ootheca Formation as a Reproductive Strategy in Polyneoptera. *Molecular Biology and Evolution* 39(3):msac042.
- Du, Z., Y. Wu, C. Zhuo, L. Cao, T. Ishikawa, S. Kamitani, T. Sota, F. Song, L. Tian, W. Cai, and H. Li. 2021. Global phylogeography and invasion history of the spotted lanternfly revealed by mitochondrial phylogenomics. *Evolutionary Applications* 14:915-930.
- Dweck, H. K. M. 2024. Protocol for single sensillum recording from labial olfactory sensory fields in spotted lanternfly. *STAR Protocols* 5(4):103469.
- Dweck, H. K. M., and C. E. Rutledge. 2024. The subapical labial sensory organ of spotted lanternfly *Lycorma delicatula*. *Open Biology* 14(3):230438.
- Ellis-Soto, D., M. Chapman, and A. M. Koltz. 2024. Addressing data disparities is critical for biodiversity assessments. *Trends in Ecology & Evolution*.
- Elmquist, J., D. Biddinger, N. T. Phan, T. W. Moural, F. Zhu, and K. Hoover. 2023. Potential risk to pollinators from neonicotinoid applications to host trees for management of spotted lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Journal of Economic Entomology*:toad032.
- Elmquist, J., K. Hoover, and D. Biddinger. 2023. Insect Floral Visitors of Red Maple and Tree-of-Heaven at Potential Risk of Neonicotinoid Residue Exposure from Spotted Lanternfly Control *The Great Lakes Entomologist* 55(3 & 4 - Fall/Winter 2022):53-65.

- Elsensohn, J. E., L. J. Nixon, A. Kloos, and T. C. Leskey. 2023. Development and survivorship of *Lycorma delicatula* (Hemiptera: Fulgoridae) on cultivated and native *Vitis* spp. (Vitales: Vitaceae) of the Eastern United States. *Journal of Economic Entomology*:toad198.
- Elsensohn, J. E., L. J. Nixon, J. Urban, S. K. Jones, and T. C. Leskey. (Original Research). 2023. Survival and development of *Lycorma delicatula* (Hemiptera: Fulgoridae) on common secondary host plants differ by life stage under controlled conditions. *Frontiers in Insect Science* 3.
- Elsensohn, J. E., S. Wolford, A. Tabb, and T. Leskey. 2024. Experimental evidence supports the ability of spotted lanternfly to hitchhike on vehicle exteriors as a mechanism for anthropogenic dispersal. *Royal Society Open Science* 11(7):240493.
- Entomology, K. S. o. A. 2012. Whole Proceedings. Boryeong-gun, Chungcheongnam-do. 1-210 pp.
- EPPO. 2020. PM 7/144 (1) *Lycorma delicatula*. EPPO Bulletin 50(3):477-483.
- Essler, J. L., S. A. Kane, A. Collins, K. Ryder, A. DeAngelo, P. Kaynaroglu, and C. M. Otto. 2021. Egg Masses as Training Aids for Spotted Lanternfly *Lycorma delicatula* detection dogs. *PLoS ONE* 16(5):1-15.
- Faal, H., I. J. Canlas, A. Cossé, T. H. Jones, D. Carrillo, and M. F. Cooperband. 2023. Investigating Photo-Degradation as a Potential Pheromone Production Pathway in Spotted Lanternfly, *Lycorma delicatula*. *Insects* 14(6).
- Faal, H., and M. F. Cooperband. 2024. Antennal Sensitivity of Spotted Lanternflies, *Lycorma delicatula*: Differential Electrophysiological Responses of Males and Females to Compounds Derived from Host Plants and Conspecifics. *Insects* 15(3).
- Faal, H., M. F. Cooperband, I. Canlas, and D. Carrillo. 2022. Evidence of Pheromone Use in a Fulgorid, Spotted Lanternfly. *Forests* 13(10).
- Faal, H., L. R. Meier, I. J. Canlas, K. Murman, M. Wallace, D. Carrillo, and M. F. Cooperband. 2022. Volatiles from male honeydew excretions attract conspecific male spotted lanternflies, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Frontiers in Insect Science* 2.
- Feng, Y., M. Jiang, L. Zhongren, and G. Tianpeng. 1988. A preliminary investigation on the cantharidin resources of Shaanxi province. *Acta Univ. Septentrionali Occident. Agric.* 16(8):28.
- Feret, P. P., and R. L. Bryant. 1974. Genetic differences between American and Chinese *Ailanthus* seedlings. *Silvae Genetica* 23:144-148.
- Finley, D. 2021. Using Data to Prioritize Invasive Species Management, State University of New York, Syracuse, NY. 1-130 pp.
- Fischer, B., and M. Barrett. 2023. Between Wonder and Warfare: The Case of the Spotted Lanternfly. *American Entomologist* 69(4):46-49.
- Fitri, I. R., F. Hanum, A. Kusnanto, and T. Bakhtiar. 2021. Optimal Pest Control Strategies with Cost-effectiveness Analysis. *The Scientific World Journal* 2021:1-17.
- Francesse, J. A., M. F. Cooperband, K. M. Murman, S. L. Cannon, E. G. Booth, S. M. Devine, and M. S. Wallace. 2020. Developing Traps for the Spotted Lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Environmental Entomology* 49(2):269-276.
- Frantsevich, L., A. Ji, Z. Dai, J. Wang, L. Frantsevich, and S. N. Gorb. 2008. Adhesive properties of the arolium of a lantern-fly, *Lycorma delicatula* (Auchenorrhyncha, Fulgoridae). *Journal of Insect Physiology* 54:818-827.
- Fry, J. C. 2010. Analysis of floristic diversity of *Ailanthus altissima* (Mill.) Swingle (tree of heaven) and co-occurring native tree species in Northeastern Maryland, University of Delaware.
- Fuller, A. K., B. C. Augustine, E. H. Clifton, A. E. Hajek, A. Blumenthal, J. Beese, A. Hurt, and C. J. Brown-Lima. 2024. Effectiveness of canine-assisted surveillance and human searches for early detection of invasive spotted lanternfly. *Ecosphere* 15(12):e70113.
- Gantz, V. M., and O. S. Akbari. 2018. Gene editing technologies and applications for insects. *Current Opinion in Insect Science* 28:66-72.

- Gómez Marco, F., and M. S. Hoddle. 2024. Proactive biological control of spotted lanternfly: Parasitism and host feeding behavior of *Anastatus orientalis* (Hymenoptera: Eupelmidae) on *Lycorma delicatula* (Hemiptera: Fulgoridae) egg masses. *Biological Control* 195:105551.
- Gómez-Marco, F., and M. S. Hoddle. (Original Research). 2022. Effects of Freezing *Lycorma delicatula* Egg Masses on Nymph Emergence and Parasitization by *Anastatus orientalis*. *Frontiers in Insect Science* 2.
- Gook, D.-H., M. Jung, J.-W. Kho, and D.-H. Lee. 2021. Dispersal patterns of *Lycorma delicatula* (Hemiptera: Fulgoridae) during oviposition period and subsequent oviposition patterns in *Ailanthus altissima* (Simaroubaceae). *한국응용곤충학회 학술대회논문집*:70-70.
- Gougherty, A. V., and T. J. Davies. 2021. Host phylogenetic diversity predicts the global extent and composition of tree pests. *Ecology Letters* 00:1-12.
- Gould, J. R., C. Losch, L. Sullivan, Y. Wu, X.-y. Wang, L.-M. Cao, and H. J. Broadley. 2024. Lifecycle of *Anastatus orientalis* (Hymenoptera: Eupelmidae) and synchrony with its host, the spotted lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Environmental Entomology*:nvae091.
- Graves, W. R. 1990. Stratification not required for Tree-of-Heaven seed germination. *Tree Planter's Notes* 41(2):3.
- NPAG 2014. *Lycorma delicatula* (White): Spotted lanternfly (*Lycorma delicatula* New Pest Alert Group Report 20141009). Center for Plant Health Science & Technology, Raleigh, NC, USA.
- Grout, T. A., P. A. Koenig, J. K. Kapuvári, and S. H. McArt. 2020. Neonicotinoid Insecticides in New York State. Cornell University.
- Hagerty, T. 2024. Developing biological control methods for spotted lanternfly (*Lycorma delicatula*): an investigation into non-targets and potential control agents, University of Delaware, Newark, Delaware. 220 pp.
- Hajek, A. E., E. H. Clifton, S. E. Stefanik, and D. C. Harris. 2022. *Batkoa major* infecting the invasive planthopper *Lycorma delicatula*. *Journal of Invertebrate Pathology* 194:107821.
- Hajek, A. E., T. A. Everest, and E. H. Clifton. 2023. Accumulation of Fungal Pathogens Infecting the Invasive Spotted Lanternfly, *Lycorma delicatula*. *Insects* 14(12).
- Hajek, A. E., and D. C. Harris. 2023. Diurnal patterns and conidial dynamics of *Batkoa major*, a generalist entomophthorean pathogen. *Fungal Ecology* 65:101278.
- Han, J. M., H. Kim, E. J. Lim, S. Lee, Y. Kwon, and S. Cho. 2008. *Lycorma delicatula* (Hemiptera: Auchenorrhyncha: Fulgoridae: Aphaeninae) finally, but suddenly arrived in Korea. *Entomological Research* 38:281-288.
- Harner, A. D., H. L. Leach, L. Briggs, and M. Centinari. 2022. Prolonged phloem feeding by the spotted lanternfly, an invasive planthopper, alters resource allocation and inhibits gas exchange in grapevines. *Plant Direct* 6(10):e452. (<https://doi.org/10.1002/pld3.452>).
- Hassan, S., Sabreena, P. Poczai, B. A. Ganai, W. H. Almalki, A. Gafur, and R. Z. Sayyed. 2022. Environmental DNA Metabarcoding: A Novel Contrivance for Documenting Terrestrial Biodiversity. *Biology* 11(9):1297.
- He, H. P., L. Z. Gong, X. Gu, and F. R. Wang. 2007. Occurrence and control measures of *Lycorma delicatula* on grapes in Wuhan area. *Fruit Grower's Friends* 3:36.
- Heller, S., N. K. Joshi, J. Chen, E. G. Rajotte, C. Mullin, and D. J. Biddinger. 2020. Pollinator exposure to systemic insecticides and fungicides applied in the previous fall and pre-bloom period in apple orchards. *Environmental Pollution* 265:114589.
- Hickey, K., and R. Bonoan. 2023. Suitability and Nutritional Analysis of Spotted Lanternfly Habitats. *in Rhode Island Summer Undergraduate Research Symposium*.
- Hoddle, M. S. 2023. A new paradigm: proactive biological control of invasive insect pests. *BioControl*.

- Hoelmer, K. A., R. F. H. Sforza, and M. Cristofaro. 2023. Accessing biological control genetic resources: the United States perspective. *BioControl*.
- Hong, E., S. Kim, S. Lee, Y. Lee, J. Lee, and G. Kim. 2013. Control effect using insecticides and environmental-friendly agricultural materials against spot clothing wax cicada, *Lycorma delicatula* (Hemiptera: Fulgoridae) at the vineyard. Pages 1 in 2nd Global Conference on Entomology, Kuching, Sarawak, Malaysia. November 8-12, 2013.
- Hoover, K., L. Iavorivska, E. K. Lavelly, O. Uyi, B. Walsh, E. Swackhamer, A. Johnson, and D. M. Eissenstat. 2023. Effects of long-term feeding by spotted lanternfly (Hemiptera: Fulgoridae) on ecophysiology of common hardwood host trees. *Environmental Entomology*:nvad084.
- Hossain, R. 2024. A Deep Neural Network for Detecting Spotted Lanternflies using Energy Efficient Wide Area Networks, Binghamton University, Binghamton, New York, USA. 28 pp.
- Huron, N. A. 2022. Building Frameworks for Understanding Invasions and Extinctions for Biodiversity Science, Temple University, Philadelphia, PA. 166 pp.
- Huron, N. A., J. E. Behm, and M. R. Helmus. 2021. Paninvasion severity assessment of a US grape pest to disrupt the global wine market (Preprint). *BioRxiv*:1-26.
- Huron, N. A., and M. R. Helmus. 2022. Predicting host associations of the invasive spotted lanternfly on trees across the USA. *BioRxiv*:2022.2009.2012.507604.
- Islam, M. T., C. Kudla-Williams, S. Kar, J. P. Londo, M. Centinari, and C. Rosa. 2022. Deciphering genome-wide transcriptomic changes in grapevines heavily infested by spotted lanternflies. *Frontiers in Insect Science* 2.
- Jang, Y., H. An, H. Kim, and K. Kim. 2013. Spectral preferences of *Lycorma delicatula* (Hemiptera: Fulgoridae). *Entomological Research* 43:115-122.
- Jason, B., P. Douglas, O. Ron, B. Alexander, and U. Andrew. 2024. New State Records of *Aculops ailanthi* (Lin, Jin, and Kuang) (Acariformes; Trombidiformes: Prostigmata: Eriophyidae), in USA; a Pest or Biological Control Agent of *Ailanthus altissima* (Mill.) Swingle? *Proceedings of the Entomological Society of Washington* 126(1):1-7.
- Jeong, N. R., M. J. Kim, W. Lee, G.-S. Lee, and I. Kim. 2020. Complete mitochondrial genome of the spotted lanternfly, *Lycorma delicatula* White, 1845 (Hemiptera: Fulgoridae). *Mitochondrial DNA Part B* 5(1):370-372.
- Johnson, A. E. 2024. Effects of toxin sequestration in spotted lanternfly (*Lycorma delicatula*) on predator-prey interactions in North America, The Pennsylvania State University, University Park, Pennsylvania. 112 pp.
- Johnson, A. E., A. Cornell, S. Hermann, F. Zhu, and K. Hoover. 2023. Using community science to identify predators of spotted lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae), in North America. *Bulletin of Entomological Research*:1-8.
- Joll, E. G., M. D. Ginzel, K. Hoover, and J. J. Couture. 2024. Influence of Spotted Lanternfly (*Lycorma delicatula*) on Multiple Maple (*Acer* spp.) Species Canopy Foliar Spectral and Chemical Profiles. *Remote Sensing* 16(15).
- Joll, E. G., K. Hoover, M. Ginzel, and J. Couture. 2023. Changes in Tree Canopy Chemical and Spectral Properties in Response to Spotted Lanternfly (*Lycorma delicatula*) Infestations, Purdue University, West Lafayette, IN. p. 66 pp.
- Jones, C., M. M. Skrip, B. J. Seliger, S. Jones, T. Wakie, Y. Takeuchi, V. Petras, A. Petrasova, and R. K. Meentemeyer. 2022. Spotted lanternfly predicted to establish in California by 2033 without preventative management. *Communications Biology* 5(1):558.
- Jones, C. M., S. Jones, A. Petrasova, V. Petras, D. Gaydos, M. M. Skrip, Y. Takeuchi, K. Bigsby, and R. K. Meentemeyer. 2021. Iteratively forecasting biological invasions with PoPS and a little help from our friends. *Frontiers in Ecology and the Environment*:1-8.

- Jung, M., J.-W. Kho, D.-H. Gook, Y. S. Lee, and D.-H. Lee. 2022. Dispersal and oviposition patterns of *Lycorma delicatula* (Hemiptera: Fulgoridae) during the oviposition period in *Ailanthus altissima* (Simaroubaceae). *Scientific Reports* 12(1):9972.
- Kamiyama, M. T., and T. Konishi. 2022. A new record of the invasive species *Lycorma delicatula* (Hemiptera, Fulgoridae) from Nara Prefecture, Japan. *Insect (New Series)* 25(4):191-192.
- Kamiyama, M. T., M. Takahashi, H. J. Broadley, F. Gómez-Marco, M. S. Hoddle, and K. Matsuura. 2024. Evaluating the origin and spread of spotted lanternfly (*Lycorma delicatula*) in Japan. *Population Ecology*.
- Kane, S. A., E. O. Aviles-Rosa, and N. J. Hall. 2023. Development and assessment of Spotted Lanternfly (*Lycorma delicatula*) training aids for detection canines. *Applied Animal Behaviour Science*:106011.
- Kane, S. A., T. Bien, L. Contreras-Orendain, M. F. Ochs, and S. T. Hsieh. 2021. Many ways to land upright: novel righting strategies allow spotted lanternfly nymphs to land on diverse substrates. *Journal of The Royal Society Interface* 18(181).
- Kang, C., S. Lee, and P. G. Jablonski. 2011. Effect of sex and bright coloration on survival and predator-induced wing damage in an aposematic lantern fly with startle display. *Ecological Entomology* 36:709-716.
- Kaproth, M. A. 2008. Spatial Modeling of Propagule Pressure in *Ailanthus altissima*, West Virginia University, Morgantown, WV.
- Kashefi, J., B. Vidović, F. Guermache, M. Cristofaro, and M. C. Bon. 2021. Occurrence of *Aculus mosoniensis* (Ripka, 2014) (Acari; Prostigmata; Eriophyoidea) on tree of heaven (*Ailanthus altissima* Mill.) is expanding across Europe. First record in France confirmed by Barcoding. *Phytoparasitica*.
- Kasson, M. 2012. *Verticillium nonalfalfae*: a Potential Biological Control of the Invasive *Ailanthus altissima* in Pennsylvania, Pennsylvania State University, State College, PA. 249 pp.
- Käthe, J. J. 2023. Prioritizing Spotted Lanternfly Management in the NYC Water Supply Watersheds. M.S., State University of New York at Albany, United States -- New York. 48 pp.
- Keena, M. A. 2024. Effects of temperature on the survival of spotted lanternfly active life stages when held without food. *Agricultural and Forest Entomology* 26: 366-372 pp.
- Keena, M. A., and A. L. Nielsen. 2021. Comparison of the Hatch of Newly Laid *Lycorma delicatula* (Hemiptera: Fulgoridae) Eggs from the United States After Exposure to Different Temperatures and Durations of Low Temperature. *Environmental Entomology* 50(2):410-417.
- Keller, J. A., and K. Hoover. 2023. Approach to surveying egg masses of the invasive spotted lanternfly (Hemiptera: Fulgoridae). *Environmental Entomology*:nvad051.
- Keller, J. A., A. E. Johnson, O. Uyi, S. Wurzbacher, D. Long, and K. Hoover. 2020. Dispersal of *Lycorma delicatula* (Hemiptera: Fulgoridae) Nymphs Through Contiguous, Deciduous Forest. *Environmental Entomology* 49(5):1012-1018.
- Keller, J. A., B. Walsh, A. Johnson, N. Jenkins, J. Rost, B. Treichler, D. Biddinger, D. D. Calvin, K. Hoover, J. Urban, and R. T. Roush. 2023. Efficacy and nontarget effects of broadcast treatments to manage spotted lanternfly (Hemiptera: Fulgoridae) nymphs. *Journal of Economic Entomology*:toad121.
- Keller, J., J. Rost, K. Hoover, J. Urban, H. Leach, M. Porras, B. Walsh, M. Bosold, and D. Calvin. 2020. Dispersion Patterns and Sample Size Estimates for Egg Masses of Spotted Lanternfly (Hemiptera: Fulgoridae). *Environmental Entomology* 49(6):1462-1472.
- Kenneth, D. F., and W. C. Gregory. 2022. Skyscrapers as Ecological Traps of the Spotted Lanternfly (*Lycorma delicatula*) (Hemiptera: Fulgoridae): Preliminary Observations. *Entomological News* 130(3):232-244.
- Kim, C., S. Lee, H. Jeong, J. Jang, Y. Kim, and C. Lee. 2010. Impacts of Climate Change on Korean Agriculture and Its Counterstrategies (R593). Korea Rural Economic Institute. 1-305 pp.

- Kim, D., H. Lee, N. Kim, and D. E. Kim. (10.3897/BDJ.12.e133668). 2024. Status of invasive alien insects of nationwide survey in South Korea. *Biodiversity Data Journal* 12:e133668.
- Kim, D., M. J. Lee, H. Lee, Y. G. Ban, and D. E. Kim. 2022. The current status of invasive alien insect species in South Korea. *Biodiversity Data Journal* 10.
- Kim, D., W. G. Yoo, H. C. Park, H. S. Yoo, D. W. Kang, S. D. Jin, H. K. Min, W. K. Paek, and J. Lim. 2012. DNA Barcoding of Fish, Insects, and Shellfish in Korea. *Genomics & Informatics* 10(3):206-211.
- Kim, D.-s. 2021. A Review on the Insecticidal Activity of Neem Extracts (Azadirachtin) and its Current Status of Practical use in Korea. *Korean Journal of Applied Entomology* 60(4):463-471.
- Kim, H., M. Kim, D. H. Kwon, S. Park, Y. Lee, J. Huang, S. Kai, H. Lee, K. Hong, Y. Jang, and S. Lee. 2013. Molecular comparison of *Lycorma delicatula* (Hemiptera: Fulgoridae) isolates in Korea, China, and Japan. *Journal of Asia-Pacific Entomology* 16:503-506.
- Kim, H., M. Kim, D. H. Kwon, S. Park, Y. Lee, H. Jang, S. Lee, S. H. Lee, J. Huang, K. Hong, and Y. Jang. 2011. Development and characterization of 15 microsatellite loci from *Lycorma delicatula* (Hemiptera: Fulgoridae). *Animal Cells and Systems* 15(4):295-300.
- Kim, H., M. Kim, S. Park, Y. Lee, S. Lee, K. Shi, J. Huang, H. Lee, and K.-J. Hong. 2012. Population Genetics Study of the lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae): invasion route from China to Korea. Daegu, North Gyeongsang Province, South Korea.
- Kim, H., S. Kim, Y. Lee, H. Lee, S. Lee, and J. Lee. 2021. Tracing the Origin of Korean Invasive Populations of the Spotted Lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Insects* 12(539):1-18.
- Kim, I., S. Koh, J. Lee, W. Choi, and S. Shin. 2011. Discovery of an egg parasitoid of *Lycorma delicatula* (Hemiptera: Fulgoridae) an invasive species in South Korea. *Journal of Asia-Pacific Entomology* 14:213-215.
- Kim, J., D. Lee, C. Lee, H. C. Shin, Y. H. Kim, and J. H. Kim. 2010. Persistent spread of *Lycorma delicatula* in Korea. Budapest, Hungary. 217-218 pp.
- Kim, J. G., E. Lee, Y. Seo, and N. Kim. 2011. Cyclic Behavior of *Lycorma delicatula* (Insecta: Hemiptera: Fulgoridae) on Host Plants. *Journal of Insect Behavior* 24:423-435.
- Kim, S., J. Jin, C. Lim, J. H. Hur, and S. Cho. 2009. Evaluation of Insecticidal Efficacy of Plant Extracts Against Major Pests. *The Korean Journal of Pesticide Science* 13(3):165-170.
- Kim, S., A. Kuhn, M. J. Raupp, and H. Martinson. 2023. Host Preferences of Spotted Lanternfly and Risk Assessment of Potential Tree Hosts in Managed and Semi-Natural Landscapes. *Florida Entomologist* 106(2):74-82.
- Kim, S., G. Lee, Y. Shin, and G. Kim. 2010. Chemical Control Effect Against Spot Clothing Wax Cicada, *Lycorma delicatula* (Hemiptera: Fulgoridae) Nymphs and Adults. *The Korean Journal of Pesticide Science* 14(4):440-445.
- Kim, S., S. Lee, E. Hong, K. Lee, and G. Kim. 2012. Damage and preference of *Lycorma delicatula* in a grape variety, Campbell Early. *in Korean Society of Applied Entomology Vivaldi Park, Korea.*
- Kim, S., and J. Yoo. 2021. Drone to Drive Away Bugs Based on Learning Data. *Proceedings of the Korean Society of Computer Science* 29(1):1-2.
- Kim, T., H. I. Yong, J. H. Lee, J. Cha, M. Kang, S. Jung, and Y. Choi. 2021. Development of New Technology for Functional Materials for Edible Insects as Alternative Food. *축산식품과학과 산업* 10(1):31-43.
- Kingan, S. B., J. Urban, C. C. Lambert, P. Baybayan, A. K. Childers, B. Coates, B. Scheffler, K. Hackett, J. Korchach, and S. M. Geib. 2019. A high-quality genome assembly from a single, field-collected spotted lanternfly (*Lycorma delicatula*) using the PacBio Sequel II system. *GigaScience* 8(10).
- Koch, F. H. 2021. Considerations regarding species distribution models for forest insects. *Agricultural and Forest Entomology*:7.

- Koscinski, K. 2021. Pennsylvania Has A New Weapon To Sniff Out Spotted Lanternflies: A Dog Named Lucky. 90.5 WESA: Pittsburgh's NPR News Station. (22 June 2021.)
- Kreitman, D. 2023. The development rate of nymphal *Lycorma delicatula*, and assessment of their development response to temperature and host plant, Rutgers, The State University of New Jersey, New Brunswick, New Jersey. 92 pp.
- Kreitman, D., M. A. Keena, A. L. Nielsen, and G. Hamilton. 2021. Effects of Temperature on Development and Survival of Nymphal *Lycorma delicatula* (Hemiptera: Fulgoridae). *Environmental Entomology* 50(1):183-191.
- Kundurthy, S. 2022. LANTERN-RD: Enabling Deep Learning for Mitigation of the Invasive Spotted Lanternfly. arXiv cs.CV(2205.06397).
- Kyle, K. E., M. C. Allen, J. Dragon, J. F. Bunnell, H. K. Reinert, R. Zappalorti, B. D. Jaffe, J. C. Angle, and J. L. Lockwood. 2022. Combining surface and soil environmental DNA with artificial cover objects to improve terrestrial reptile survey detection. *Conservation Biology* 36(6):e13939. (<https://doi.org/10.1111/cobi.13939>).
- Labonte, D., C. J. Clemente, A. Dittrich, C. Kuo, A. J. Crosby, D. J. Irschick, and W. Federle. 2015. Extreme positive allometry of animal adhesive pads and the size limits of adhesion-based climbing (Preprint). *BioRxiv*:1-12.
- Ladin, Z. S., D. A. Eggen, T. L. E. Trammell, and V. D'Amico. 2023. Human-mediated dispersal drives the spread of the spotted lanternfly (*Lycorma delicatula*). *Scientific Reports* 13(1):1098.
- Lavelly, E., L. Iavorivska, O. Uyi, D. M. Eissenstat, B. Walsh, E. J. Primka, J. Harper, and K. Hoover. 2022. Impacts of short-term feeding by spotted lanternfly (*Lycorma delicatula*) on ecophysiology of young hardwood trees in a common garden. *Frontiers in Insect Science* 2.
- Lázaro-Lobo, A., C. Ramirez-Reyes, R. D. Lucardi, and G. N. Ervin. 2021. Multivariate Analysis of Invasive Plant Species Distributions in Southern US Forests. *Landscape Ecology*.
- Leach, H. 2021. Evaluation of Residual Activity of Insecticides for Control of Spotted Lanternfly in Grape, 2020. *Arthropod Management Tests* 46(1):1-2.
- Leach, H., D. J. Biddinger, G. Krawczyk, E. Smyers, and J. M. Urban. 2019. Evaluation of insecticides for control of the spotted lanternfly, *Lycorma delicatula*, (Hemiptera: Fulgoridae), a new pest of fruit in the Northeastern U.S. *Crop Protection* 124:104833.
- Leach, A., and H. Leach. 2020. Characterizing the spatial distributions of spotted lanternfly (Hemiptera: Fulgoridae) in Pennsylvania vineyards. *Scientific Reports* 10(1):20588.
- Leach, H., and A. Leach. 2020. Seasonal phenology and activity of spotted lanternfly (*Lycorma delicatula*) in eastern US vineyards. *Journal of Pest Science* 93(4):1215-1224.
- Leach, H., T. Mariani, M. Centinari, and J. Urban. 2023. Evaluating integrated pest management tactics for spotted lanternfly management in vineyards. *Pest Management Science*. (<https://doi.org/10.1002/ps.7528>).
- Leach, H., B. Walsh, and J. Urban. 2021. Evaluation of Insecticides for Control of Spotted Lanternfly in Ornamental Nursery Crop, 2019. *Arthropod Management Tests* 46(1):1-2.
- Lee, D.-H., Y.-L. Park, and T. C. Leskey. 2019. A review of biology and management of *Lycorma delicatula* (Hemiptera: Fulgoridae), an emerging global invasive species. *Journal of Asia-Pacific Entomology* 22(2):589-596.
- Lee, J., I. Kim, S. Koh, S. J. Cho, S. Jang, S. Pyo, and W. I. Choi. 2011. Impact of minimum winter temperature on *Lycorma delicatula* (Hemiptera: Fulgoridae) egg mortality. *Journal of Asia-Pacific Entomology* 14:123-125.
- Lee, J., S. Moon, H. Ahn, S. Cho, J. Yang, C. Yoon, and G. Kim. 2009. Feeding Behavior of *Lycorma delicatula* (Hemiptera: Fulgoridae) and Response on Feeding Stimulants of Some Plants. *Korean Journal of Applied Entomology* 48(4):467-477.

- Lee, J. H., T. Kim, C. H. Jeong, H. I. Yong, J. Y. Cha, B. Kim, and Y. Choi. 2021. Biological activity and processing technologies of edible insects: a review. *Food Science and Biotechnology*:1-21.
- Lee, K., S. Kim, I. Kim, and K. Kim. 2011. Seasonal Occurrence of Spot Clothing Wax Cicada, *Lycorma delicatula* (Hemiptera: Fulgoridae) and Its Control Efficacy Using EFAM at the Vineyards. *The Korean Journal of Pesticide Science* 15(3):303-309.
- Lee, S., and S. Park. 2013. Attraction effect against *Lycorma delicatula*, antioxidant activity and local irritation test of *Ailanthus altissima* extract. *Korean Journal of Veterinary Research* 53(4):231-237.
- Lee, Y., H. Lee, S. Hong, and H. Bang. 2013. The Newly Sporadic and Major Insect Pests of Orchard Crops in Gyeonggi Province in South Korea. *in* 2013 ASHS Annual Conference, Palm Desert, CA, USA.
- Lee, Y. S., M. J. Jang, J. Y. Kim, and J. R. Kim. 2014. The Effect of Winter Temperature on the Survival of Lantern Fly, *Lycorma delicatula* (Hemiptera: Fulgoridae) Eggs. *Korean Journal of Applied Entomology* 53(3):311-315.
- Lewis, P., A. Davila-Flores, and E. Wallis. (Original Research). 2023. An effective trap for spotted lanternfly egg masses. *Frontiers in Insect Science* 3.
- Lewkiewicz, S. M., S. De Bona, M. R. Helmus, and B. Seibold. 2021. Temperature sensitivity of pest reproductive numbers in age-structured PDE models, with a focus on the invasive spotted lanternfly. *arXiv PREPRINT*.
- Lewkiewicz, S. M., B. Seibold, and M. R. Helmus. 2023. Quantifying population resistance to climatic variability: The invasive spotted lanternfly grape pest is buffered against temperature extremes in California. *BioRxiv:2023.2012.2021.572841*.
- Li, J. H., X. G. Song, and J. P. Xue. 2009. The biological characteristics and occurrence regularity of *Lycorma delicatula* on grape in Huaibei. *Modern Agricultural Science and Technology* 22:137-138.
- Library, H. 2015. Grape Production in South Korea. Last accessed
- Lim, S. J., D. Y. Jeong, G. H. Choi, B. J. Park, and J. H. Kim. 2014. Quantitative Analysis of Matrine and Oxymatrine in *Sophora flavescens* Extract and Its Biopesticides by UPLC. *Journal of Agricultural Chemistry and Environment* 3:64-73.
- Lin, Y.-S., J.-R. Liao, S. Shih-Feng, and C.-C. Ko. 2023. Lanternflies (Hemiptera: Fulgoridae) of Taiwan. *Zoological Studies* 62(7).
- Liu, G. 1939. Some Extracts from the History of Entomology in China. *Psyche* 46:59-72.
- Liu, H. 2019. Occurrence, Seasonal Abundance, and Superparasitism of *Ooencyrtus kuvanae* (Hymenoptera: Encyrtidae) as an Egg Parasitoid of the Spotted Lanternfly (*Lycorma delicatula*) in North America. *Forests* 10(2):79.
- Liu, H. 2019. Oviposition Substrate Selection, Egg Mass Characteristics, Host Preference, and Life History of the Spotted Lanternfly (Hemiptera: Fulgoridae) in North America. *Environmental Entomology* 48(6):1452-1468.
- Liu, H. 2020. Seasonal Development, Cumulative Growing Degree-Days, and Population Density of Spotted Lanternfly (Hemiptera: Fulgoridae) on Selected Hosts and Substrates. *Environmental Entomology* 49(5):1171-1184.
- Liu, H., and R. J. Hartlieb. 2020. Spatial Distribution of *Lycorma delicatula* (Hemiptera: Fulgoridae) Egg Masses on Tree-of-Heaven, Black Walnut, and Siberian Elm in North America. *Journal of Economic Entomology* 113(2):1028-1032.
- Liu, H., and M. Hunter. 2021. Nondestructive Sampling for Spotted Lanternfly (Hemiptera: Fulgoridae) Egg Masses in Woodlands Based on Fixed-Radius Plots. *Entomological Society of America* 114(3):1353-1361.

- Liu, H., and M. Hunter. 2022. Spatial Distribution, Seasonal Dynamics, and Sex Ratio of *Lycorma delicatula* (Hemiptera: Fulgoridae) Adults on Tree of Heaven. *Psyche: A Journal of Entomology* 2022:4775718.
- Liu, H., and J. T. Julian. 2024. N-mixture models for population estimation: Application in spotted lanternfly egg mass survey. *Current Research in Insect Science* 5:100078.
- Liu, H., R. Lusk, and R. Gallardy. 2021. Infrared thermography for insect detection: lighting up the spotted lanternfly in the field. *Journal of Pest Science* 94:231-240.
- Liu, H., and J. Mottern. 2017. An Old Remedy for a New Problem? Identification of *Ooencyrtus kuvanae* (Hymenoptera: Encyrtidae), an Egg Parasitoid of *Lycorma delicatula* (Hemiptera: Fulgoridae) in North America. *Journal of Insect Science* 17(1).
- Liu, J., and D. Qin. 2020. Ultrastructure of the female reproductive system of *Lycorma delicatula* (Hemiptera: Fulgoridae). *Acta Entomologica Sinica* 63(9):1125-1135.
- Liu, Y., Y. Chen, F. Lü, and H. He. 2006. Study on the Primary Identification of Intestinal Bacteria in *Lycorma delicatula* (White). *Journal of Shandong Agricultural University* 37(4):495-498.
- Lyndhurst, B. 2015. Local Action Groups for Managing Invasive Non-Native Species | A Report for Defra. Brook Lyndhurst. 1-82 pp.
- Madalinska, K., R. McDougall, and A. L. Nielsen. 2022. Characterizing location of spotted lanternfly egg masses in wooded habitat during early invasion stages. *Frontiers in Insect Science* 2.
- Maino, J. L., R. Schouten, J. C. Lye, P. A. Umina, and O. L. Reynolds. 2022. Mapping the Life-History, Development, and Survival of Spotted Lantern Fly in Occupied and Uninvaded Ranges. *Biological Invasions*:1-13.
- Manzoor, A., Y. Zhang, B. Xin, K. Wei, and X. Wang. 2021. Genetic diversity, population structure and rapid early detection of the parasitoid *Anastatus orientalis* (Hymenoptera: Eupelmidae) inside eggs of spotted lanternfly (Hemiptera: Fulgoridae). *Annals of Applied Biology*:1-9.
- Marci, A. 2021. *Invasives in Our National Parks: How Tourists Can Help Stop the Spread of Invasive Species*, Liberty University. 64 pp.
- Marini, F., E. Profeta, B. Vidović, R. Petanović, E. de Lillo, P. Weyl, H. L. Hinz, C. E. Moffat, M. Bon, T. Cvrković, J. Kashefi, R. F. H. Sforza, and M. Cristofaro. 2021. Field Assessment of the Host Range of *Aculus mosoniensis* (Acari: Eriophyidae), a Biological Control Agent of the Tree of Heaven (*Ailanthus altissima*). *Insects* 12(637):1-16.
- Mason, R. T., H. M. Fales, T. H. Jones, L. B. O'Brien, T. W. Taylor, C. L. Hogue, and M. S. Blum. 1989. Characterization of Fulgorid Waxes (Homoptera: Fulgoridae: Insecta). *Insect Biochemistry* 19(8):737-740.
- Mason, C. J., B. Walsh, J. Keller, J. J. Couture, D. Calvin, and J. M. Urban. 2020. Fidelity and Timing of Spotted Lanternfly (Hemiptera: Fulgoridae) Attack Patterns on Ornamental Trees in the Suburban Landscape. *Environmental Entomology* 49(6):1427-1436.
- Mazza-McDonald, D. 2022. *A Guide to Agricultural Insect Pests on the East Coast*, University of Nebraska - Lincoln, Lincoln, NA. p. 15 pp.
- McAvoy, T. J., R. Mays, S. Goldstein, F. A. Dray Jr, Z. Yu, R. Reardon, and S. M. Salom. 2023. Additional host range testing of *Eucryptorrhynchus brandti* (Coleoptera: Curculionidae) for the biological control of tree-of-heaven, *Ailanthus altissima* (Simaroubaceae) in the U.S.A. *Biocontrol Science and Technology*:1-26.
- McPherson, C., A. Avanesyan, and W. O. Lamp. 2022. Diverse Host Plants of the First Instars of the Invasive *Lycorma delicatula*: Insights from eDNA Metabarcoding. *Insects* 13(6).
- Miles, H. H., S. Salom, T. J. Shively, J. T. Bielski, T. J. McAvoy, and C. J. Fearer. 2024. A review of potential biological controls for *Ailanthus altissima*. *Annals of the Entomological Society of America*:saae041.

- Miyake, K. 2023. OSAME: Spotted Lanternfly Trap and Bird Feeder.
<https://www.kinakomiyakedesign.com/osame-lanternfly-trap-bird-feeder>.
- Molfini, M., M. West, F. Gómez-Marco, J. B. Torres, and M. Hoddle. 2024. Is *Lycorma delicatula* (Hemiptera: Fulgoridae) a blooming threat to citrus? *Journal of Economic Entomology*:toae197.
- Montgomery, K., C. Walden-Schreiner, A. Saffer, C. Jones, B. J. Seliger, T. Worm, L. Tateosian, M. Shukunobe, S. Kumar, and R. K. Meentemeyer. 2023. Forecasting global spread of invasive pests and pathogens through international trade. *Ecosphere* 14(12):e4740.
- Moon, H. 2008. Response of *Lycorma delicatula* to predator pecking and relation between wing's color and damage. Seoul National University. 1-8 pp.
- Moon, S., S. Cho, J. Jeong, Y. Shin, J. Yang, K. Ahn, C. Yoon, and G. Kim. 2011. Attraction Response of Spot Clothing Wax Cicada, *Lycorma delicatula* (Hemiptera: Fulgoridae) to Spearmint Oil. *Journal of Korean Society for Applied Biological Chemistry* 54(4):558-567.
- Murman, K. M., G. P. Setliff, C. V. Pugh, M. J. Toolan, I. Canlas, S. L. Cannon, L. Abreu, M. Fetchen, L. Zhang, M. L. Warden, M. S. Wallace, J. Wickham, S. Spichiger, E. Swackhamer, D. Carrillo, A. Cornell, N. T. Derstine, L. Barringer, and M. F. Cooperband. 2020. Distribution, Survival, and Development of Spotted Lanternfly on Host Plants Found in North America. *Environmental Entomology* 49(6):1270-1281.
- Naharki, K., C. D. Huebner, and Y.-L. Park. 2024. The Detection of Tree of Heaven (*Ailanthus altissima*) Using Drones and Optical Sensors: Implications for the Management of Invasive Plants and Insects. *Drones* 8(1).
- Nakashita, A., Y. Wang, S. Lu, K. Shimada, and T. Tsuchida. 2022. Ecology and genetic structure of the invasive spotted lanternfly *Lycorma delicatula* in Japan where its distribution is slowly expanding. *Scientific Reports* 12(1):1543.
- Naska, M. 2023. Spotted lanternflies in eastern Pennsylvania. *in Undergraduate Research Day 2023*, Manchester NH.
- Neff, F., M. M. Lehmann, M. Moretti, L. Pellissier, and M. M. Gossner. 2022. Tracking sucking herbivory with nitrogen isotope labelling: Lessons from an individual trait-based approach. *Basic and Applied Ecology*.
- Neff, F., M. M. Lehmann, M. Moretti, L. Pellissier, and M. M. Gossner. 2022. Tracking sucking herbivory with nitrogen isotope labelling: Lessons from an individual trait-based approach. *Basic and Applied Ecology*.
- Nguyen, T. T. T., and H. B. Lee. 2020. *Mucor cheongyangensis*, a new species isolated from the surface of *Lycorma delicatula* in Korea. *Phytotaxa* 446(1):33-42.
- Nixon, L. J., C. Barnes, E. Deecher, K. Madalinska, A. Nielsen, J. Urban, and T. C. Leskey. 2023. Evaluating deployment strategies for spotted lanternfly (*Lycorma delicatula* Hemiptera: Fulgoridae) traps. *Journal of Economic Entomology*:toad038.
- Nixon, L. J., C. Barnes, and T. C. Leskey. 2023. Assessing acceptability of wild and cultivated hosts of *Lycorma delicatula* (Hemiptera: Fulgoridae) under semifield conditions. *Environmental Entomology*:nvad078.
- Nixon, L. J., C. Barnes, A. Rugh, C. Hott, L. Carper, J. Cullum, S. Jones, D. Ludwick, C. Scorza, and T. C. Leskey. 2023. Evaluating Materials to Serve as Removable Oviposition Substrates for *Lycorma delicatula* (Hemiptera: Fulgoridae) Under Field Conditions. *Florida Entomologist* 106(2):141-143.
- Nixon, L. J., C. Barnes, C. Wilson, A. Rugh, L. Carper, T. C. Leskey, and L. Tang. 2023. Short- and long-term effects of season-long infestation of *Lycorma delicatula* (Hemiptera: Fulgoridae) on young apple (*Malus domestica*) and peach (*Prunus persica*) trees. *Journal of Economic Entomology*:toad187.
- Nixon, L. J., S. K. Jones, L. Tang, J. Urban, K. Felton, and T. C. Leskey. 2021. Survivorship and Development of the Invasive *Lycorma delicatula* (Hemiptera: Fulgoridae) on Wild and Cultivated Temperate Host Plants. *Environmental Entomology*.

- Nixon, L. J., H. Leach, C. Barnes, J. Urban, D. M. Kirkpatrick, D. C. Ludwick, B. Short, D. G. Pfeiffer, and T. C. Leskey. 2020. Development of Behaviorally Based Monitoring and Biosurveillance Tools for the Invasive Spotted Lanternfly (Hemiptera: Fulgoridae). *Environmental Entomology* 49(5):1117-1126.
- Nixon, L. J., and T. C. Leskey. 2024. Evaluation of insecticide residues against spotted lanternfly (Hemiptera: Fulgoridae). *Journal of Economic Entomology*:toae106.
- Nixon, L. J., D. C. Ludwick, and T. C. Leskey. 2021. Horizontal and vertical dispersal capacity and effects of fluorescent marking on *Lycorma delicatula* nymphs and adults. *Entomologia Experimentalis et Applicata* 169:219-226.
- Nunes, L. J. R. 2022. Creation of Value Chains for the Sustainability of Control and Eradication Actions on *Ailanthus altissima* (Mill.) Swingle. *Environments* 9(5).
- Owen, H. L., F. Meng, and K. M. Winchell. 2024. Urbanization and environmental variation drive phenological changes in the spotted lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae). *Biological Journal of the Linnean Society* 143(4):blae099.
- Park, J., M. Kim, S. Lee, S. Shin, J. Kim, and I. Park. 2009. Biological Characteristics of *Lycorma delicatula* and the Control Effects of Some Insecticides. *Korean Journal of Applied Entomology* 48(1):53-57.
- Park, M. 2015. Overwintering ecology and population genetics of *Lycorma delicatula* (Hemiptera: Fulgoridae) in Korea, Seoul National University, Seoul, South Korea. 212 pp.
- Park, M., K. Kim, and J. Lee. 2012. Isolation and characterization of eight microsatellite loci from *Lycorma delicatula* (White) (Hemiptera: Fulgoridae) for population genetic analysis in Korea. *Molecular Biology Reports* 39:5637-5641.
- Park, M., K. Kim, and J. Lee. 2013. Genetic structure of *Lycorma delicatula* (Hemiptera: Fulgoridae) populations in Korea: implication for invasion processes in heterogeneous landscapes. *Bulletin of Entomological Research* 103:414-424.
- Park, M., S. Kim, Y. Kwon, J. Yoo, and J. Lee. 2010. Temperature-dependent Development of Overwintered Eggs of *Lycorma delicatula* (Hemiptera: Fulgoridae). *in Proceedings of the Korean Society of Applied Entomology*, Seoul, Republic of Korea.
- Park, M., Y. Kwon, J. Yoo, and J. Lee. 2011. Cold Hardiness of Overwintering Eggs of Five *Lycorma delicatula* (White) Populations of South Korea. *in International Symposium on the Celebration of the 50th Anniversary of the Korean Society of Applied Entomology*, Daemyung Vivaldi Park, Hongcheon, Gangwon-do, Republic of Korea.
- Parkinson, A. A. 2023. Invasive species threat to New Zealand: The Spotted Lanternfly (*Lycorma delicatula*). *The Wētā* 57:35-39.
- Paż-Dyderska, S., A. Ladach-Zajdler, A. M. Jagodziński, and M. K. Dyderski. 2020. Landscape and parental tree availability drive spread of *Ailanthus altissima* in the urban ecosystem of Poznań, Poland. *Urban Forestry & Urban Greening* 56:126868.
- PDCNR. 2020. Invasive Plants in Pennsylvania: Porvelain Berry (*Ampelopsis brevipedunculata*). D. o. C. a. N. Resources, Pennsylvania.
- Peterson, D. L., M. C. Allen, A. Vastano, and J. L. Lockwood. 2022. Evaluation of sample collection and storage protocols for surface eDNA surveys of an invasive terrestrial insect. *Environmental DNA* 4(6):1201-1211. (<https://doi.org/10.1002/edn3.314>).
- Pfeiffer, D. G. 2020. Spotted Lanternfly Advancing. *Grape Press* 34(4):11-12.
- Pierce, K. H. 2024. Investigation of the ecological interactions and host specificity of *Verticillium nonalfalfae*, a proposed biological control agent against the invasive tree-of-heaven (*Ailanthus altissima*), West Virginia University, Morgantown, West Virginia. 101 pp.
- Pile Knapp, L. S., J. Rebbeck, T. Hutchinson, J. Fraser, and C. C. Pinchot. 2022. Controlling an Invasive Tree with a Native Fungus: Inoculating *Ailanthus altissima* (Tree-of-Heaven) with *Verticillium nonalfalfae* in Highly Disturbed Appalachian Forests of Ohio. *Journal of Forestry*:fvac013.

- Pisuttu, C., E. Lo Piccolo, L. Paoli, L. Cotrozzi, C. Nali, E. Pellegrini, and G. Lorenzini. 2022. Physiochemical responses of *Ailanthus altissima* under the challenge of *Verticillium dahliae*: elucidating the decline of one of the world's worst invasive alien plant species. *Biological Invasions*.
- Pisuttu, C., S. Sarrocco, L. Cotrozzi, R. Baroncelli, and G. Lorenzini. 2022. Genome Resources of *Verticillium dahliae* VdGL16: The Causal Agent of Vascular Wilt on the Invasive Species *Ailanthus altissima*. *Plant Disease*:PDIS-05-22-1028-A.
- Porras, M. F., T. López-Londoño, J. Rost, D. Biddinger, D. Calvin, and E. G. Rajotte. 2020. A Method for a Long-Term Marking of Spotted Lanternfly (Hemiptera: Fulgoridae) Using a Stable Isotope of Nitrogen. *Environ Entomol* 49(4):993-997.
- Potter, K. M., K. H. Riitters, B. V. Iannone, Q. Guo, and S. Fei. 2024. Forest plant invasions in the eastern United States: evidence of invasion debt in the wildland-urban interface. *Landscape Ecology* 39(12):207.
- Powell, J. M., L. J. Nixon, A. P. Lourie, T. C. Leskey, and S. S. Walse. 2023. Egg Morphology and Chorionic Ultrastructure of Spotted Lanternfly, *Lycorma delicatula* (White) (Hemiptera: Pentatomidae). *in Preprints*. Preprints.
- Powell, J. M., L. J. Nixon, A. P. Lourie, T. C. Leskey, and S. S. Walse. 2023. Egg Morphology and Chorionic Ultrastructure of Spotted Lanternfly, *Lycorma delicatula* (White) (Hemiptera: Fulgoridae). *Forests* 14(12).
- Quarantine, P. P. 2014. Pest Alert - Spotted Lanternfly (*Lycorma delicatula*) (APHIS 81-35-024). USDA. 1-2 pp.
- Quirantes-Piné, R., G. Sanna, A. Mara, I. Borrás-Linares, F. Mainente, Y. Picó, G. Zoccatelli, J. Lozano-Sánchez, and M. Ciulu. 2024. Mass Spectrometry Characterization of Honeydew Honey: A Critical Review. *Foods* 13(14).
- Ramirez, V. A., S. De Bona, M. R. Helmus, and Jocelyn E. Behm. (<https://doi.org/10.1111/1365-2664.14365>). 2023. Multiscale assessment of oviposition habitat associations and implications for management in the spotted lanternfly (*Lycorma delicatula*), an emerging invasive pest. *Journal of Applied Ecology* 6(3):411-420.
- Reeb, R. A., and J. M. Heberling. 2024. Lost in translation: The need for updated messaging strategies in invasion biology communication. *PLANTS, PEOPLE, PLANET*. 10 pp.
- Reid, C. H., E. J. Hudgins, J. D. Guay, S. Patterson, A. M. Medd, S. J. Cooke, J. R. Bennett, and D. Lesbarrères. 2021. The state of Canada's biosecurity efforts to protect biodiversity from species invasions. *FACETS* 6:1922-1954.
- Richman, A. 2024. Assessment of spatial distribution patterns and infestation risk over time of spotted lanternfly (*Lycorma delicatula*) in New York, University of Albany, Albany, New York. 43 pp.
- Roccasecca, K. 2014. AILANTHUS HONEYDEW AND ITS POTENTIAL EFFECTS ON HONEY BEES AND OTHER POLLINATORS. PA Department of Agriculture. 1-6 pp.
- Rohde, B. B., M. F. Cooperband, I. Canlas, and R. W. Mankin. 2022. Evidence of Receptivity to Vibroacoustic Stimuli in the Spotted Lanternfly *Lycorma delicatula* (Hemiptera: Fulgoridae). *Journal of Economic Entomology*:toac167.
- RS, E. 2015. *Lycorma delicatula* (Hemiptera: Fulgoridae). European and Mediterranean Plant Protection Organization. 1-3 pp.
- Sacco, N. E., and A. E. Hajek. 2023. Diversity and Breadth of Host Specificity among Arthropod Pathogens in the *Entomophthoromycotina*. *Microorganisms* 11(7).
- Santos da Mota, J. 2021. Risco de introdução de insetos--praga do eucalipto no Brasil em um contexto de mudanças climáticas, Universidade Federal de Santa Catarina. 121 pp.
- Savi, T., J. C. Herrera, O. Maschek, M. Chatzisavva, A. Forneck, and E. Halmschlager. 2024. Investigating physiological effects due to artificial infections of grapevine with *Verticillium nonalfalfae*. *OENO One* 58(1).

- Am. Soc. for Hort. Sci. 2013. Abstracts of Presentations from the Annual Conference of American Society for Horticultural Science. *in* Annual Conference of American Society for Horticultural Science, Palm Desert, CA, USA.
- Nat. Soc. of Hort. and Herb. Sci. 2010. Use of Conical Type Bunch Bag in Grapevines to Prevent Damage from Spot Clothing Wax Cicada (01-13). Rural Development Administration.
- Seker, F. B. 2024. Investigating Spotted Lanternfly's (*Lycorma delicatula*) Orientation Towards Towering Objects.
- Shim, J., and K. Lee. 2015. Molecular characterization of heat shock protein 70 cognate cDNA and its upregulation after diapause termination in *Lycorma delicatula* eggs. *Journal of Asia-Pacific Entomology* 18:709-714.
- Shin, Y., S. Moon, C. Yoon, K. Ahn, and G. Kim. 2010. Insecticidal Activity of 26 Insecticides Against Eggs and Nymphs of *Lycorma delicatula* (Hemiptera: Fulgoridae). *The Korean Journal of Pesticide Science* 14(2):157-163.
- Shively, T. J., J. N. Barney, J. L. Reid, and S. M. Salom. 2024. The bioherbicide *Verticillium nonalfalfae* effectively removes *Ailanthus altissima* but leaves many other nonnative plants. *Invasive Plant Science and Management*:1-15.
- Siderhurst, M. S., K. M. Murman, K. T. Kaye, M. S. Wallace, and M. F. Cooperband. 2024. Radio Telemetry and Harmonic Radar Tracking of the Spotted Lanternfly, *Lycorma delicatula* (White) (Hemiptera: Fulgoridae). *Insects* 15(1).
- Singh, S., and F. E. Acevedo. 2024. Grapevine plant defense responses associated with arthropod herbivory: A review. *Crop Protection* 177:106551.
- Smyers, E. C., J. M. Urban, A. C. Dechaine, D. G. Pfeiffer, S. R. Crawford, and D. D. Calvin. 2021. Spatio-Temporal Model for Predicting Spring Hatch of the Spotted Lanternfly (Hemiptera: Fulgoridae) *Environmental Entomology* 50(1):126-137.
- Soler, J., and J. Izquierdo. 2024. The Invasive *Ailanthus altissima*: A Biology, Ecology, and Control Review. *Plants* 13(7).
- Song, G. 2008. Grape Breeding, Cultivation and Processing in South Korea. *Acta Horticulturae* 785:97-104.
- Song, M. K. 2010. Damage by *Lycorma delicatula* and Chemical Control in Vineyards, Chung-buk National University. 39 pp.
- Song, N., A. Liang, and C. Bu. 2012. A Molecular Phylogeny of Hemiptera Inferred from Mitochondrial Genome Sequences. *PLoS ONE* 7(11):13.
- Souza, D. A., C. Martins de Oliveira, M. A. Tamai, M. Faria, and R. B. Lopes. 2021. First report on the natural occurrence of entomopathogenic fungi in populations of the leafhopper *Dalbulus maidis* (Hemiptera: Cicadellidae): Pathogen identifications and their incidence in maize crops. *Fungal Biology* 125(12):980-988.
- Spichiger, S. 2014. *Lycorma delicatula* in Pennsylvania Entomology Status Report, 23 September through 02 October 2014. PA Department of Agriculture. 1-4 pp.
- Spichiger, S. 2014. Site Visit Report for 15 Rolling Rock Rd., Boyertown PA 19512. PA Department of Agriculture. 1-3 pp.
- Strömbom, D., A. Crocker, A. Gery, G. Tulevech, A. Sands, K. Ward, and S. Pandey. 2024. Modelling the emergence of social-bird biological controls to mitigate invasions of the spotted lanternfly and similar invasive pests. *Royal Society Open Science* 11(2):231671.
- Strömbom, D., and S. Pandey. 2021. Modeling the life cycle of the spotted lanternfly (*Lycorma delicatula*) with management implications. *Mathematical Biosciences Preprint*:1-26.
- Stump, A. J., K. Bershing, T. L. Bal, and C. Külheim. 2024. Current and Future Insect Threats to Oaks of the Midwest, Great Lakes, and Northeastern United States and Canada. *Forests* 15(8).

- Suzuki, R., and K. Shimada. 2023. A new record of the invasive alien species *Lycorma delicatula* (Hemiptera: Fulgoridae) in Toyama Prefecture, Japan. 昆虫 (ニューシリーズ) 26(1): p. 4.
- Swackhamer, E., D. Jackson, and A. Gover. 2018. Spotted Lanternfly (*Lycorma delicatula*) Management Calendar. C. o. A. Sciences, Pennsylvania State University.
- Takeuchi, Y. 2015. Spotted Lanternfly (*Lycorma delicatula*) Lethal Temperature. National Science Foundation center for Integrated Pest Management, Raleigh, NC. 4 pp.
- Taleb, M. 2022. Fungal community ecology of *Lycorma delicatula* in Pennsylvania, and the social-ecology of biological invasion risk, Pennsylvania State University, University Park. 175 pp.
- Tateosian, L. G., A. Saffer, C. Walden-Schreiner, and M. Shukunobe. 2023. Plant pest invasions, as seen through news and social media. Computers, Environment and Urban Systems 100:101922.
- Terzi, M., D. Fontaneto, and F. Casella. 2021. Effects of *Ailanthus altissima* Invasion and Removal on High-Biodiversity Mediterranean Grasslands. Environmental Management:1-14.
- Tomisawa, A., S. Ohmiya, H. Fukotomi, K. Hayashi, and T. Ishikawa. 2013. Biological Notes on *Lycorma delicatula* (White) (Hemiptera, Fulgoridae) in Ishikawa Prefecture, Japan. Japanese Journal of Entomology 16(1):3-14.
- Umemura, S., K. Itoh, M. Inoue, M. Genno, and C. Sakurai. 2013. The first record of *Lycorma delicatula* (White) in Yoshizaki, Awara City, Fukui Prefecture. Bulletin of the Fukui City Museum of Natural History 60:67-68.
- Urban, J. M., D. Calvin, and J. Hills-Stevenson. 2021. Early Response (2018-2020) to the Threat of Spotted Lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae) in Pennsylvania. Annals of the Entomological Society of America 50(1):1-10.
- Urban, J. M., and H. Leach. 2022. Biology and Management of the Spotted Lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae), in the United States. Annual Review of Entomology.
- Uyi, O., J. A. Keller, and K. Hoover. 2021. Performance and host association of spotted lanternfly (*Lycorma delicatula*) among common 2 woody ornamentals. Research Square Preprint:1-25.
- Uyi, O., J. A. Keller, A. Johnson, D. Long, B. Walsh, and K. Hoover. 2021. Corrigendum to: Spotted Lanternfly (Hemiptera: Fulgoridae) Can Complete Development and Reproduce Without Access to the Preferred Host, *Ailanthus altissima*. Environmental Entomology.
- Uyi, O., J. A. Keller, A. E. Johnson, D. Long, B. Walsh, and K. Hoover. 2020. Spotted Lanternfly (Hemiptera: Fulgoridae) Can Complete Development and Reproduce Without Access to the Preferred Host, *Ailanthus altissima*. Environmental Entomology 49(5):1185-1190.
- Valentin, R. E., D. M. Fonseca, S. Gable, K. E. Kyle, G. C. Hamilton, A. L. Nielsen, and J. L. Lockwood. 2020. Moving eDNA surveys onto land: Strategies for active eDNA aggregation to detect invasive forest insects. Molecular Ecology Resources 20(3):746-755.
- Vankosky, M. A., H. Williams, E. Bullas-Appleton, A. D. Roe, and C. E. Moffat. 2024. Potential Targets of Biological Control Programmes in Canada. Pages 50-59 Biological Control Programmes in Canada, 2013-2023.
- Venette, R. C., and A. C. Morey. 2020. Advances in understanding the ecology of invasive crop insect pests and their impact on IPM. Pages 30 p in M. Kogan and E. Heinrichs, (eds.). Integrated management of insect pests: current and future developments. Burleigh Dodds Science Publishing, Cambridge, UK.
- Vetrovec, M., and C. J. Payne. 2023. Evaluating spotted lanternfly (Hemiptera: Fulgoridae) infestation in the Northern Ohio Valley. Journal of Economic Entomology:toad173.
- Walsh, B., A. Korman, H. L. Leach, and E. Swackhamer. 2020. Deciding if and when to treat for spotted lanternfly on ornamentals. P. S. U. Extension, University Park, PA.
- Wang, C., R. Wang, C. Yu, X. Dang, W. Sun, Q. Li, X. Wang, and J. Wan. 2021. Risk assessment of insect pest expansion in alpine ecosystems under climate change. Pest Management Science 77:3165-3178.

- Wang, S., J. Zhang, and J. He. 2021. Identification of the Pathogen Causing Anthracnose on *Ailanthus altissima* in Henan Province, China. *Forest Research* 34(5):188-194.
- Wang, W., H. Zhang, J. Constant, C. R. Bartlett, and D. Qin. 2021. Characterization, Comparative Analysis and Phylogenetic Implications of Mitogenomes of Fulgoridae (Hemiptera: Fulgoromorpha). *Genes* 12(1185):1-18.
- Wang, Y., J. Chen, L. Jiang, and G. Qiao. 2015. Hemipteran Mitochondrial Genomes: Features, Structures and Implications for Phylogeny. *International Journal of Molecular Science* 16:12382-12404.
- Wang, Y.-Z., Z.-X. Ye, J.-P. Chen, C.-X. Zhang, J.-M. Li, and H.-J. Huang. 2022. Complete Genome Analysis of a Novel Iflavirus from a Spotted Lanternfly, *Lycorma Delicatula*. *Archives of Virology*.
- Williams, C. 2024. Native parasitoid wasps in the genus *Anastatus* (Hymenoptera: Eupelmidae) as a potential biological control agent for the invasive spotted lanternfly (*Lycorma delicatula*), University of Delaware, Newark, Delaware. 44 pp.
- Williams, H., F. Marini, P. Weyl, M. Cristofaro, H. L. Hinz, and C. E. Moffat. 2024. *Ailanthus altissima* (Miller) Swingle, Tree of Heaven / Ailante glanduleux (Simaroubaceae). Pages 419-427 *Biological Control Programmes in Canada, 2013-2023*.
- Wilson, S. W., and A. Lucchi. 2007. Feeding Activity of the Flatid Planthopper *Metcalfa pruinosa* (Hemiptera: Fulgoroidea). *Journal of the Kansas Entomological Society* 80(2):175-178.
- Wolfen, M. S., A. J. Myrick, and T. C. Baker. 2020. Flight Duration Capabilities of Dispersing Adult Spotted Lanternflies, *Lycorma delicatula*. *Journal of Insect Behavior* 33(2):125-137.
- Xin, B., Y. L. Zhang, X. Y. Wang, L. M. Cao, K. A. Hoelmer, H. J. Broadley, and J. R. Gould. 2021. Exploratory Survey of Spotted Lanternfly (Hemiptera: Fulgoridae) and Its Natural Enemies in China. *Environ Entomol* 50(1):36-45.
- Xing, Z. Q., D. S. Kong, and S. Z. Ryou. 2000. Occurrence of *Lycorma delicatula* and its control techniques. *Plant Protection Technology and Extension* 20(5):19.
- Xue, G., and S. Yuan. 1996. Separation of Preparation of Indole Alkaloids in *Lycorma delicatula* White by HPLC. *Chinese Medical Journal* 21:554-555.
- Yan, J. H., X. M. Yu, X. B. Qin, F. Y. Wang, and L. L. Bo. 2008. Study on the biology of *Dryinus browni*. *Journal of Shandong Forestry Science and Technology* 5:16-18.
- Yang, C. 1994. Descriptions of *Dryinus lycormae* sp. n. and its biological notes (Hymenoptera Dryinidae). Pages 37-42 in X. Shen and Z. Shi, (eds.). *Fauna and Taxonomy of Insects in Henan*. Chinese Press Agricultural Science and Technology, Beijing, China.
- Yang, Z., W. Choi, L. Cao, X. Wang, and Z. Hou. 2015. A new species of *Anastatus* (Hymenoptera: Eulpelmidae) from China, parasitizing eggs of *Lycorma delicatula* (Homoptera: Fulgoridae). *Zoological Systematics* 40(3):290-302.
- Yuan, F., J. Ma, Z. Lei, and T. Gao. 1988. A preliminary investigation of the cantharidin resources of Shaanxi province. *Journal of Northwest Sci-Tech University of Agriculture and Forestry* 16(3):28.
- Yun, J., S. W. Roh, T. W. Whon, M. Jung, M. Kim, D. Park, C. Yoon, Y. Nam, Y. Kim, J. Choi, J. Kim, N. Shin, S. Kim, W. Lee, and J. Bae. 2014. Insect Gut Bacterial Diversity Determined by Environmental Habitat, Diet, Developmental Stage, and Phylogeny of Host. *Applied and Environmental Microbiology* 80(17):5254-5264.
- Yunho, C., and J. Kim. 2009. 산림병해충주의보가 내려진 '꽃매미 (*Lycorma delicatula*)' 의 생태 및 친환경방제에 관한 연구. Pages 1-33 in 제55회 경기도과학전람회, Seoul, South Korea.
- Zhang, D., T. Xie, T. Li, and W. Bu. 2015. The complete mitochondrial genome of *Nepa hoffmanni* (Hemiptera: Heteroptera: Nepidae). *Mitochondrial DNA*.
- Zhang, K., and S. Zhang. 2024. ArTreeficial in Advancing Novel Datasets and Developing Deep Learning Models for Spotted Lanternfly Identification. 1-5 pp.

- Zhang, Y., K. Bao, B. Xin, L. Cao, K. Wei, Y. Dang, Z. Yang, Z. Lv, and X. Wang. 2023. The biology and management of the invasive pest spotted lanternfly, *Lycorma delicatula* White (Hemiptera: Fulgoroidea). *Journal of Plant Diseases and Protection*.
- Zhang, Y., and C. Lv. 2024. TinySegformer: A lightweight visual segmentation model for real-time agricultural pest detection. *Computers and Electronics in Agriculture* 218:108740.
- Zhao, C., B. Zhang, Z. Liu, H. Zhang, and D. Li. 2021. Effects of Cold Storage on Host *Antheraea pernyi* Egg Quality for the Egg Parasitoid *Anastatus fulloi* Sheng and Wang. *Insects* 12(12):1057.
- Zhao, X., L. Wu, and D. Qin. 2022. Phylogenetic analysis of Fulgoroidea based on the morphological characters of the forewing base structure (Hemiptera: Auchenorrhyncha). *Entomotaxonomia* 44(2):1-11.
- Zhao, X., L. Wu, and D. Qin. 2022. Phylogenetic analysis of Fulgoroidea based on the morphological characters of the forewing base structure (Hemiptera: Auchenorrhyncha). *Entomotaxonomia* 44(2):1-11.
- Zhao, Z., L. Yang, and X. Chen. 2024. Globally suitable areas for *Lycorma delicatula* based on an optimized Maxent model. *Ecology and Evolution* 14(9):e70252.
- Zheng, H., Y. Jiang, and Z. Ying. 2024. Spatial and temporal distribution and prevention modelling of spotted lanternfly. Kaifeng, China.
- Zhou, X., L. Yang, W. Wang, and B. Chen. 2021. UAV Data as an Alternative to Field Sampling to Monitor Vineyards Using Machine Learning Based on UAV/Sentinel-2 Data Fusion. *Remote Sensing* 13(3):457.
- Бобинац, М., М. Шијачић-Николић, С. Андрашев, А. Бауер-Живковић, Н. Шушић, and Р. Лазаревић. 2020. A new technical procedure in silviculture for biological control of tree-of-heaven spread.
- 邱益三, 洪平, 范亦刚, and 杨文勤. 1991. 斑衣蜡蝉产卵习性调查及防治方法研究. *植物保护* 17(2):14-16.