

Curriculum Vita

Joseph F. Boggs

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Education

- Glenville State College, Glenville, WV
Degree: B.S. Biology/Chemistry, 1977
- The Ohio State University
M.S. Entomology, 1980
- Penn State University, State College, PA
Graduate studies on Pales weevil, Entomology

Specializations

- Green Industry educational outreach (e.g., ISA Certified Arborist Test Prep Training / ISA Credential Retention CEUs Training; ODA Pesticide Applicator Recertification Training; Landscape Architect CES training, etc.)
- Diagnostics and management of pests, diseases, and physiological problems on trees and shrubs in landscapes, urban forests, and nursery production.
- Detection and response to non-native invasive insects.

Relevant Work History:

- **2009 – Present:** *AgNR and Commercial Horticulture Educator*; The Ohio State University Extension, Hamilton County, Cincinnati, OH, 45246 / Curtesy Appt., The OSU Department of Entomology, Columbus, OH, 43210
- **2008 – 2009:** *50% Extension Educator, Horticulture / 50% State Extension Specialist, Horticulture*; The Ohio State University Extension, Hamilton County, Cincinnati, OH, 45246 / State Extension, Columbus, OH, 43210
- **2004 – 2008:** *50% Extension Educator / 50% Center Specialist*; Ohio State University Extension Hamilton County / OSU South Centers, 45661
- **1999 – 2004:** *50% Extension Agent / 50% District Specialist, Horticulture*; Ohio State University Extension Hamilton County / S.W. Extension District, Vandalia, OH, 45377
- **1991 – 1999:** *Extension Agent, Commercial Horticulture*; Ohio State University Extension, Hamilton County, Cincinnati, OH, 45246
- **1986 – 1991:** *Landscape Manager / Division Chief*; the State of Pennsylvania, Department of General Services; Governor's Residence / State Capital Complex, Harrisburg, PA, 17120
- **1984 – 1985:** *Manager*; Manbeck Tree Farms (500 acres), Mifflintown, PA, 17059

Selective Funding History

- **Competitive Grants**
 1. Asian Longhorned Beetle Detection Education - Training Green Industry Professionals as First Detectors. USDA APHIS (Farm Bill). \$29,698. 2014 - 2015. N. J. Taylor (PI); **J. F. Boggs**; and A. K. Stone.

2. Developing and Teaching Standardized Asian Longhorned Beetle (ALB) Early Detection Certification Training Programs. USDA APHIS (Farm Bill). \$85,000. 2013 - 2014. **J.F Boggs** (PI); A. K. Stone; and P. J. Bennett.
 3. Asian Longhorned Beetle Educational Outreach Grant. ODA / USDA APHIS. \$10,000. 2011 - 2012. D. A. Herms (PI), A. K. Stone, and **J. F. Boggs**.
 4. Don't Let the Bed Bugs Bite: Conveying IPM Strategies for Bed Bugs in Urban Housing. Ohio IPM Innovative Grant Program. \$4,500; 2006 – 2007. S. R. Jones (PI) and **J. K. Boggs**.
- **Other Funding**
 1. Hamilton County Extension Budget Contract Funding. Metropolitan Sewer District of Greater Cincinnati. \$350,000 per year; 2008 – 2011. D. E. Dyke, **J. F. Boggs**, T. Horvath-Bowman, J. Crook
 2. Funding to support the publication of 10,000 copies of "Rain Garden Guidelines for Southwest Ohio - A Practical Handbook for Home Gardeners." Hamilton County Storm Water District. \$10,000; 11/2008 – 12/2008. D. E. Dyke and **J. F. Boggs**.

Teaching Emphasis

My teaching efforts focus on providing educational outreach and technical support to horticulture (Green Industry) professionals and gardening enthusiasts including Master Gardener Volunteers. My Extension program inputs and outputs are driven by 4 interconnected activities:

1. **Site visits** to detect and monitor plant pests, diseases, and physiological problems.
2. **Photo-documenting** issues adding to my 70,000+ comprehensive image library of photographs with a known provenance.
3. **Publishing** the information gained and images taken in BYGL Alert weblogs, fact sheets, magazine articles, etc.
4. **Curriculum development** (e.g., PowerPoints (PPTs)) using the knowledge gained and images that were taken to deliver in-person or virtual programming. PPTs are also provided to Extension colleagues. Hands-on practical training in the form of Diagnostic Walk-Abouts has been offered monthly to Green Industry professionals, from April through October, for 23 years except for the "COVID Years." These experiential training events focus on diagnosing plant pests, diseases, physiological problems; plant selection; plant health management; and sustainable landscape designs. The Walk-Abouts are used as "sounding boards" to inform outreach publications (e.g., BYGL Alerts) and further curriculum development.

Selected Invited Presentations

Boggs, J.F. (2023). KEYNOTE: *Weird Things in the Woods*. Taking Root, 2023 Great Tree Summit 10th Anniversary, Fort Thomas, KY. <https://takingroot.info/2023-great-tree-summit-10th-anniversary/>

Boggs, J.F. (2023). *Connect the Dots: Plant Diversity, Pollinators, and Pest Management*. American Public Gardens Association, 2023 Horticulture, Greenhouse, & Facilities Symposium, Columbus, OH. https://portal.publicgardens.org/APGA/APGA/Events/Event_Display.aspx?EventKey=HGFSYMP23

Boggs, J.F.; Chatfield, J.; Draper, E. (2023). *What's Wrong With This Tree: Diagnosing Tree Problems*. ISA Ohio Chapter, 2023 Ohio Tree Care Conference, Newark, OH. https://ohiochapterisa.org/aws/OCISA/asset_manager/get_file/631220?ver=10

Boggs, J.F. (2023). *Be Alert to the BYGL: A Look Back to Look Forward*. ISA Kentucky, Kentucky Arborist Association 2023 Annual Conference, Elizabethtown, KY. <https://www.isa-arbor.com/events/eventsCalendar/index?id=12354>

- Boggs, J.F. (2022). KEYNOTE: *Connecting the Dots: Plant Diversity, Pollinators & Pest Management*. 3rd Annual Protecting Pollinators in Urban Landscapes Conference. Lecture conducted from Athens, GA, United States. <http://protectingpollinators.org/index.php/protecting-pollinators-conference/program/2022-program/>
- Boggs, J.F.; Foltz, S. (2022). *How to be More Pesticide Free*. Association of Zoos and Aquariums (AZA), Safe Monarchs Webinar. <https://www.youtube.com/watch?app=desktop&v=lr4li9f6j3k>.
- Boggs, J.F. (2022). *Connecting the Dots: Plant Diversity, Pollinators & Pest Management*, Zoom Webinar. Landscape Ontario, IPM Symposium. Webinar. <https://landscapeontario.com/ipm-symposium-2022>.
- Boggs, J.F. (2022). *A Series of Unfortunate Diagnostic Events*, ISA Ontario's 2023 Conference & Trade Show, Virtual Conference. <https://www.isaontario.com/event/isaos-2023-conference-trade-show/>
- Boggs, J.F. (2021). *Connect the Dots: Plant Diversity, Pollinators, and Pest Management*. Cultivate'21, AmericanHort Conference, Columbus, OH, United States. <https://www.americanhort.org/events/cultivate21-columbus/>
- Boggs, J.F. (2021). *Perception Versus Reality: Which Tree Pests Matter?* ISA Ontario Chapter Annual Virtual Conference. Webinar. <https://isaontario.com/isao-annual-conference-tradeshow/>
- Boggs, J.F. (2021). *ALB [Asian Longhorned Beetle] Update*. Ohio/Kentucky Virtual Tree Care Conference. Webinar. <https://www.isa-arbor.com/events/eventscalendar/index?id=10213>
- Boggs, J.F. (2021). *ALB: The Threat in Black and White*. Southwest Virginia Tree Syrup School. Webinar. <https://www.youtube.com/watch?v=phPLsbxqNqw>
- Boggs, J.F. (2021). *Tree Galls: A Tree Health Conundrum*. ISA Southern Chapter Annual Conference. Webinar. <https://www.isasouthern.org/>
- Boggs, J.F. (2021). *A Series of Unfortunate Diagnostic Events*. The Virginia Association of Forest Health Professionals Conference. Webinar. <https://www.vafhp.org/>
- Boggs, J.F. (2020). *Perception versus Reality: Which Tree Pests Matter?* 2020 Garden State Tree Conference. Atlantic City, NJ, United States. <https://static1.squarespace.com/static/58755fb229687ffb91f8c591/t/5e303c75d30cb9303f41b08a/1580219510125/2020+NJ+Arborists+ISA+Agenda.pdf>.
- Boggs, J.F. (2020). *Asian Longhorned Beetle (ALB): the Threat in Black and White*. National Arbor Day Foundation's Partners in Community Forestry Conference. Webinar. <https://www.arborday.org/programs/pcf/agenda.cfm>.
- Boggs, J.F. (2020). *Asian Longhorned Beetle (ALB) and Emerald Ash Borer (EAB)*. National First Detector Training, Webinar. https://www.youtube.com/watch?v=3CM_jji4ewQ&feature=youtu.be.
- Boggs, J.F. (2019). *Connect the Dots: Plant Diversity, Pollinators, and Pest Management*. 2019 International Society of Arboriculture (ISA), 95th Annual Conference and Trade Show, Knoxville, TN, United States. <https://eventmobi.com/isa2019/>

Selected Publications

Boggs, J.F. 2016 – 2023. Buckeye Yard and Garden onLine (BYGL): BYGL Alerts, Weblog. 823 BYGL Alerts were posted since the weblogs were initiated in 2016. <https://bygl.osu.edu/index.php/node/51>

Boggs, J.F.; S. Lilly, S. (2021). *The Case of the Quirky Quercus; Detective Dendro, The Diagnostic Sleuth Series*. International Society of Arboriculture (ISA), Arborist News, 30 (3), 2-4. Retrieved from: <https://www.isa-arbor.com/Publications/Arborist-News>

Boggs, J.F. 2020. *Surveying, Monitoring, and Reporting Plant Pests, Diseases, and Invasive Plants in Great Parks of Hamilton County (GPHC); A Project to use Buckeye Yard and Garden Line (BYGL) Alerts to Distribute Helpful Information Gained Through GPHC Site Visits* (Report No. 2020). [Technical Report] OSU Extension, Hamilton County, Cincinnati, OH, United States.

Hawley, J., J. Crook, **J. Boggs.**, et al. 2020. *Interstate Partnerships: Impacts of the 2020 Tri-State Green Industry Conference*. Proceedings, 105th National Association of County Agriculture Agents Annual Meeting and Professional Improvement Conference [Virtual] pp. 95-95. Maroa, IL, United States, <https://extension.usu.edu/employee/files/2020-NACAA-Proceedings.pdf>

Boggs, J.F. 2018. *Soils - Chapter 3: Ohio Master Gardener Volunteer Manual*. OSU Extension Master Gardener Volunteer Program, OSU Extension, Columbus, Ohio, United States.

Boggs, J., E. Draper, J. Chatfield, S.D. Williams, and M.J. Boehm. 2017. *20 Questions on Plant Diagnosis*, PLPATH-GEN-3. [Fact Sheet] The Ohio State University Extension / OSU Plant Pathology, Columbus, Ohio, United States. <https://ohioline.osu.edu/factsheet/plpath-gen-3>

Boggs., J., C. Meyer, G. Gao, and J. Chatfield. 2017. *Soil Testing for Ohio Lawns, Landscapes, Fruit Crops, and Vegetable Gardens*, HYG-1132. [Fact Sheet] The Ohio State University Extension / OSU Plant Pathology, Columbus, Ohio, United States. <https://ohioline.osu.edu/factsheet/hyg-1132>

Kayla I. Perry, K.I., **J. Boggs,** A. Stone, and D.A. Herms. 2016. *Asian Longhorned Beetle, Anoplophora glabripennis*, Ent-75 [Fact Sheet] The Ohio State University Extension / OSU Entomology, Columbus, Ohio, United States. <https://ohioline.osu.edu/factsheet/ent-75>

Boggs, J. 2016. *Plant Galls Unveiled – Part I: Gall Types*. Tree Care Industry Magazine, Volume XXVII, Number 4, April 2016, pp 26-34. <https://hamilton.osu.edu/sites/hamilton/files/imce/BOGGS%20Galls%20TCI%20Magazine%20Part%201%20April%202016.pdf>

Boggs, J. 2016. *Plant Galls Unveiled – Part II: Insect and Mite Gall Identification and Management*. Tree Care Industry Magazine, Volume XXVII, Number 5, May 2016, pp 44-48. <https://hamilton.osu.edu/sites/hamilton/files/imce/BOGGS%20Galls%20TCI%20Magazine%20Part%202%20May%202016.pdf>

Boggs., J., and S.C. Jones. 2014. *Multicolored Asian Lady Beetle*, Ent-44 [Fact Sheet] The Ohio State University Extension / OSU Entomology, Columbus, Ohio, United States. <https://ohioline.osu.edu/factsheet/ENT-44>

Hogan, M., J. Chatfield, D. Marrison, H. Mathers, **J. Boggs,** K. Smith, M. Titchenell, D. Apsley, D. Shetlar, and C. Young. 2014. *Ohio Christmas Tree Producers Manual*. The Ohio State University (Eds.), Columbus, Ohio: The Ohio State University. Retrieved from: <https://extensionpubs.osu.edu/ohio-christmas-tree-producers-manual/>

Boggs, J., A. Stone, D. Herms. 2013. *The Tale of Two Beetles*. Canadian Groundskeeper Magazine, November 2013, pp 19-29. <https://hamilton.osu.edu/sites/hamilton/files/imce/The%20Tale%20of%20Two%20Beetles%20-%20Canadian%20Groundskeeper.pdf>

Media Outreach 2023: Radio

Two weekly Saturday morning radio segments (55KRC and 610-WTVN) on “In the Garden with Ron Wilson” from April through October. The segments reach a total **listening audience of 163,00 each week** through iHeartMedia. Additionally, there were 5 segments for the WVXU “Gardening Show” with each segment reaching an **audience of 110,000**.

1. 55KRC (iHeartRadio), Cincinnati:
 - a. 31 segments
 - b. Total airtime: 12.5 hrs.
 - c. Syndicated by iHeartMedia to 32 stations across the U.S.
 - d. Nielsen Audio PPM Monthly Ratings, Average Quarter Hour Share for Persons: 82,500.
2. 610-WTVN (iHeartRadio), Columbus:
 - a. 25 segments
 - b. Total airtime: 12.5 hrs.
 - c. Nielsen Audio PPM Monthly Ratings, Average Quarter Hour Share for Persons: 81,000.
3. WVXU (Cincinnati Public Radio):
 - a. 5 segments
 - b. Total airtime: 5 hrs.
 - c. Nielsen Audio PPM Monthly Ratings, Average Quarter Hour Share for Persons: 110,000.

Media Outreach 2023: Print

- **Cincinnati Enquirer**, Chris McKeown, “*It's mulching season, but don't get caught up in 'Mulch Madness' this spring,*” 3/21/2023: <https://www.cincinnati.com/story/entertainment/2023/03/21/its-mulch-madness-what-to-know-before-landscaping-mulching-season/70032932007/>
- **Cincinnati Enquirer**, Emily DeLetter, “*Poison hemlock and wild parsnip: How to identify and remove the invasive plants,*” 4/11/2023: <https://www.cincinnati.com/story/news/2023/04/11/wild-parsnip-poison-hemlock-ohio-how-to-remove-what-does-it-look-like/70103160007/>
- **Cincinnati Enquirer**, Victoria Moorwood, “*Alien-looking green blobs invading your yard? Here's how to fight back,*” 4/12/2023: <https://www.cincinnati.com/story/news/2023/04/12/what-is-nostoc-commune-star-jelly/70103080007/>
- **Cincinnati Enquirer**, Terry DeMio, “*Wasps are everywhere this fall. Here's how to stay safe.*” 9/10/2023: <https://www.cincinnati.com/story/news/2023/09/10/wasp-season-lasts-through-october-how-to-stay-safe/70774673007/>
- **Cincinnati Enquirer**, Haadiza Ogwude, “*Don't grab the rake! Here's why you shouldn't rake your leaves this fall.*” 10/4/2023: <https://www.cincinnati.com/story/news/2023/10/04/why-you-shouldnt-rake-leaves-this-fall/70961549007/>
- **Cincinnati Enquirer**, Haadiza Ogwude and Emily DeLetter, “*Why are stink bugs in my house? How to keep the pest out of your home this time of year.*” 10/11/2023: <https://www.cincinnati.com/story/news/2023/10/11/stink-bugs-why-are-they-in-my-house-how-keep-them-out/71130721007/>

Leadership:

Co-Leader of the OSU Buckeye Environmental Horticulture Team (BEHT): <https://beht.osu.edu/>

Professional Membership

International Society of Arboriculture (ISA); Ohio Chapter ISA (past member of Board of Directors)
Entomological Society of America (ESA).