

Ben Iuliano

biuliano@wisc.edu

Department of Integrative Biology

University of Wisconsin - Madison

EDUCATION

2018-present **University of Wisconsin-Madison**

PhD, Integrative Biology

Advisor: Dr. Claudio Gratton

2014 - 2018 **University of Michigan-Ann Arbor**

BSc, Ecology, Evolution & Biodiversity (minor Sustainable Food Systems)

Honors thesis: *Insects & the city: socio-ecological trends in urban agroecosystems*

Advisors: Dr. John Vandermeer & Dr. Ivette Perfecto

RESEARCH INTERESTS

agroecology, landscape ecology, biological control, entomology, food systems, ecosystem services, biodiversity

PEER-REVIEWED PUBLICATIONS

Fitch, G., Glaum, P., Simao, M.C., Vaidya, C., Matthijs, J., **Iuliano, B.**, & Perfecto, I. (2019) Changes in adult sex ratio in wild bee communities are linked to urbanization. *Scientific Reports*.

Iuliano, B., Markiewicz, A., & Glaum, P. (2017). Socio-economic drivers of community garden location and quality in urban settings and potential effects on native pollinators. *Michigan Journal of Sustainability*, 5(1).

Glaum, P., Simao, M. C., Vaidya, C., Fitch, G., & **Iuliano, B.** (2017). Big city Bombus: using natural history and land-use history to find significant environmental drivers in bumble-bee declines in urban development. *Royal Society Open Science*, 4(5), 170156.

FORTHCOMING

Spiesman, B. J., Gratton, C., & **Iuliano, B.** (In prep) Temporal complementarity of resources increases predator metapopulation abundance: insights for conservation biological control.

Yin, H., Brandao, A. O., Buchner J., Helmers, D. **Iuliano, B.**, Kimambo, N., Lewińska, K. E., Razenkova, E., Rizayeva A., Rogova, N., Spawn, S. A., Xie, Y. H., and Radeloff, V. C. (In prep) Monitoring cropland abandonment with Landsat time series.

Iuliano, B. & Glaum, P. (In prep). Flying insects differentially respond to changing conditions of urban community gardens across taxonomic groups and spatial scales.

GRANTS, FELLOWSHIPS, AND AWARDS

- 2018 NSF Graduate Research Fellowship (Honorable Mention)
2016-2018 Graham Sustainability Scholar, University of Michigan (\$3,500)
2017 Honors Travel Grant, University of Michigan (\$500)
2015 UROP Biomedical & Life Sciences Summer Fellow (\$4,000)

SYMPOSIA

- 2019 Lead organizer, Agroecology with communities: cross-disciplinary collaborations among ecology, agriculture, and social science, *Ecological Society of America*, Louisville, KY

TEACHING & MENTORSHIP

Teaching Assistant

- 2018 Introductory Biology (Biology 152), UW-Madison
Ecology, evolution, and plant physiology

Primary Instructor

- 2017 Ideas in Honors (Honors 135), UM-Ann Arbor
Section: Bees and the city: pollinators, agroecology, and urban landscapes

CONTRIBUTED PRESENTATIONS

- 2019 **Iuliano, B.** & Lowe, E. 10 years of Agroecology: highlighting the UW program's contributions to environmental, social, and economic sustainability in agriculture. *CALS Global Symposium*, Madison WI.
- 2018 **Iuliano, B.** & Glaum, P. Insects and the city: flying arthropods differentially respond to changing conditions of urban gardens across taxonomic groups and spatial scales. *Ecological Society of America Annual Meeting*, New Orleans, LA
- Iuliano, B.** & Glaum, P. Spatial and socio-economic drivers for urban gardens and native bee communities. *MUSE Conference*, Ann Arbor, MI

OUTREACH

- 2019 Invited speaker, Xerces Society workshop on farming with beneficial insects
"Beneficial insects in the landscape: lessons from ecological research" Edgerton, WI
- 2018-present Insect Ambassadors presenter

PROFESSIONAL INVOLVEMENT & SERVICE

- Ecological Society of America
Entomology Graduate Student Association, UW-Madison
Zoology Graduate Student Organization, UW-Madison