

Eric Daniel Youngerman

Research Support Specialist, Sustainable Cropping Systems Lab

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Employment

Cornell University, Sustainable Cropping Systems Lab

Research support specialist 2021-present

Snowplace Farm

Farm assistant 2018-2021

University of Utah, Longino Lab

Graduate research assistant 2014-2015

University of Toronto, Frederickson Lab

Graduate research assistant 2012-2014

Harvard University, Museum of Comparative Zoology, Ant Collection

Collections assistant 2012

New Guinea Binatang Research Center, Madang, Papua New Guinea

Research assistant 2011-2012

Harvard University, Lauder Laboratory

Research assistant 2010-2011

Harvard University, Arnold Arboretum

Curatorial assistant 2007-2009

Education

Cornell University, PhD Expected 2030

Harvard University Extension School, ALB

Publications

JOURNAL ARTICLES

Huddell, A. M., Thapa, R., Marcillo, G. S., Abendroth, L. J., Ackroyd, V. J., Armstrong, S. D., ... & Mirsky, S. B. (2024). "US cereal rye winter cover crop growth database." *Scientific Data*, 11(1), 200.

Malé, P. J. G., **Youngerman, E.**, Pierce, N. E., & Frederickson, M. E. 2020. "Mating system, population genetics, and phylogeography of the devil's garden ant, *Myrmelachista schumanni*, in the Peruvian Amazon." *Insectes Sociaux* 67(1), 113-125.

Janda, M., Matos-Maraví, P., Borovanska, M., Zima, J., **Youngerman, E.**, & Pierce, N. E. 2016. "Phylogeny and population genetic structure of the ant genus *Acropyga* (Hymenoptera: Formicidae) in Papua New Guinea." *Invertebrate Systematics* 30(1), 28-40.

Cembrowski, A. R., Reurink, G., Arcila Hernandez, L. M., Sanders, J. G., **Youngerman, E.**, & Frederickson, M. E. 2015. "Sporadic pollen consumption among tropical ants." *Insectes sociaux* 62, 379-382.

Youngerman, E. D., Flammang, B. E., & Lauder, G. V. 2014. "Locomotion of free-swimming ghost knifefish: anal fin kinematics during four behaviors." *Zoology* 117(5), 337-348

Oral Presentations

Youngerman, E.D., Pelzer, C., Loria, K., Mallory, E.B., Darby, H., Silva, E.M. & Ryan, M. 2024. Interrow Mowing in Organic No-Till Planted Dry Bean. European Weed Research Society Physical and Cultural Weed Control Workshop, Wageningen, Netherlands.

Youngerman, E., Pelzer, C., Ryan, M., & Loria, K. 2024. Interrow mowing as a supplemental weed management tool in organic soybean. Musgrave Research Farm Field Day, Cornell University.

Youngerman, E., Pelzer, C., Ryan, M., & Sosnoskie, L. 2023. Impact of timing of cereal rye cover crop termination on pests and diseases in no-till corn. Musgrave Research Farm Field Day, Cornell University.

Youngerman, E. 2014. Caste or intercaste? An abundant, morphologically distinct worker of *Myrmelachista schumanni* in devil's gardens in the Peruvian Amazon. TGIF Student Seminar Series, University of Utah.

Malé, Pierre-Jean and **Youngerman, E.** 2014. Evolution and ecology of ant-plant relationships:exploring devil's gardens. Social Insects in the North East Regions (SINNERS 3), Philadelphia, PA.

Youngerman, E. 2012. Ants of the mangroves and mid-lagoon islands of Madang Lagoon. Pacific Ants Summit, Harvard University, Cambridge, MA.

Teaching Experience

Graduate Teaching Assistant, University of Utah

Entomology 2015

Graduate Teaching Assistant, University of Toronto

Adaptation and Evolution 2012