

Sara E. Emery  
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## EDUCATION & PROFESSIONAL EXPERIENCE

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Postdoctoral Fellow	Wildlife, Fish and Conservation Biology, UC Davis Davis, California, USA Supervisor: Daniel Karp & Jay Rosenheim	2021-present
Postdoctoral Fellow	Ecology, Swedish University of Agricultural Sciences Uppsala, Sweden Supervisor: Ola Lundin & Riccardo Bommarco	2019-2021
Lecturer	Integrative Biology, UC Berkeley Berkeley, California, USA	2019
PhD	Environmental Science, Policy & Management, UC Berkeley Berkeley, California, USA Supervisor: Nicholas Mills	2019
BA	Environmental Studies, UC Santa Cruz Santa Cruz, California, USA Advisor: Stephen Gliessman	2006

## PUBLICATIONS

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**Emery, S., M. Jonsson, A. Ribiero, H. Silva and N. Mills, 2021.** High agricultural intensity at the landscape scale benefits pests, but low intensity practices at the local scale can mitigate these effects. **Agriculture, Ecosystems and Environment. 306: 107199.**

**Emery, S. and N. Mills, 2020.** Effects of predation pressure and prey density on short-term indirect interactions between two prey species that share a common predator. **Ecological Entomology. 45: 821-830.**

**Emery, S. and N. Mills, 2019.** Sources of variation in the adult flight of walnut husk fly (Diptera: Tephritidae): a phenology model for California walnut orchards. **Environmental Entomology. 48: 234-244.**

**Emery, S. and N. Mills, 2019.** Effects of temperature and other environmental factors on the post-diapause development of walnut husk fly *Rhagoletis completa* (Diptera: Tephritidae). **Physiological Entomology. 44: 33-42.**

**Emery, S., P. Anderson, G. Carlsson, H. Friberg, M. C. Larsson, A. Wallenhammar and O. Lundin.** The potential of intercropping for multifunctional crop protection in oilseed rape (*Brassica napus* L.). **In review: Frontiers in Agronomy.**

**Emery, S., M. Klapwijk and O. Lundin.** *Psylliodes chrysocephala* exhibits strong periodicity reinforced at the regional scale; local factors explain deviance from expected periodic abundance. **Submitted: Journal of Animal Ecology.**

**Emery, S., M. Jonsson, A. Ribiero, H. Silva, N. Mills.** Generalist predator communities affected by land-use intensity at both the local and landscape scales. *In prep for Special Issue: Basic and Applied Ecology.*

#### ORAL PRESENTATIONS

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2019	Ecological Society of America annual meeting
2018, 2017, 2014	Entomological Society of America annual meeting
2016	International Congress of Entomology

#### RESEARCH GRANTS

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2020	Stiftelsen Adolf Dahls Fund, Royal Swedish Agricultural Academy (\$15,000)
2019	Research grant, Swedish University of Agricultural Science- Center for Biological Control (\$20,000)
2017	Graduate Research Opportunities Worldwide, National Science Foundation and The Swedish Research Council (\$12,500)
2015, 2016	van den Bosch Scholarship, UC Center for Biological Control (\$25,000)
2015	Fulbright Student Program Research Grant, Institute of International Education (\$20,000)
2012, 2015	Walker Fund in Systematic Entomology, UC Berkeley (\$6,000)
2012	Graduate Research Fellowship Program, National Science Foundation (\$134,000)

#### TEACHING EXPERIENCE

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2019	Lecturer, Biology 1B. UC Berkeley, CA
2017-2018	Graduate Student Researcher, Curriculum development Biology 1B. UC Berkeley, CA
2014, 2018	Graduate Student Instructor, Biology 1B (Field Section). UC Berkeley, CA Awarded: Outstanding Graduate Student Instructor 2014
2014	Co-Instructor, Introductory Statistics. Mount Tamalpais College (Prison University Project), CA
2013	Lead Instructor, Critical Research. Mount Tamalpais College (Prison University Project), CA
2012	Graduate Student Instructor, Insect Behavior. UC Berkeley, CA

#### MENTORING AND VOLUNTEER ACTIVITIES

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2019-2021	Mentored 3 PhD students, Swedish University of Agricultural Sciences
2014-2018	Mentored 5 undergraduate students underrepresented in science, UC Berkeley
2014-2015	Graduate Student Admissions Committee, UC Berkeley
2013-2015	Volunteer, Expanding Your Horizons, UC Berkeley
2013-2014	Volunteer Instructor, Mount Tamalpais College (Prison University Project)
2012-2013	Coordinator, Essig Brunch Entomology Seminar, UC Berkeley