

Colleen Smith

Rutgers University
Graduate Program in Ecology & Evolution
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EDUCATION

Rutgers University, New Brunswick

Ph.D. Candidate, Graduate Program in Ecology & Evolution (2014 – present, expected graduation May 2020)

Advisor: Rachael Winfree

University of Michigan, Ann Arbor

BS, Ecology and Evolutionary Biology *high honors* and Spanish, 2013

PUBLICATIONS

- 1 **Smith, C.**, T. Harrison, J. Gardner and R. Winfree. In prep. Forest specialist bees persist amidst forest loss and regrowth in eastern North America.
- 2 **Smith, C.**, L. Weinman, J. Gibbs, and R. Winfree. 2019, *Journal of Animal Ecology*. Specialist foragers in forest bee communities are small, social or emerge early. <https://doi.org/10.1111/1365-2656.13003>
- 3 **Smith, C.**, E.H. Boughton and S. Pierre. 2015. Apple snail (*Pomacea maculata*) invasion in seasonal wetlands on Florida ranchland: association with plant community structure and aquatic predator abundance. *Southeastern Naturalist*, 14, 3: 561-576.

GRANTS (\$40,700) & FELLOWSHIPS (\$101,500)

Presidential Fellowship, Rutgers University Graduate School-New Brunswick - \$75,000 - 2014-2019

Garden Club of America, Mary T. Carothers Summer Environmental Studies Scholarship-\$3000-2017

Hutcheson Memorial Forest Summer Grant -\$1200- 2016

Federal Conservation Innovation Grant, United States Department of Agriculture, PI: M. Vaughn, Co-PI: R. Winfree and multiple others. C. Smith wrote one-year proposal, funded as an addition to existing grant-\$33,000-2016

NSF-GRFP Honorable Mention – 2015, 2016

Garden Club of America Caroline Thorn Kissel Summer Environmental Studies Scholarship - \$2000 - 2015

Ted Stiles Memorial Graduate Student grant, Rutgers University Ecology and Evolution Graduate Program- \$1500- 2015

Albert Fellows Fellowship, Rutgers School of Environmental & Biological Sciences - \$26,500 - 2014-2015

PRESENTATIONS

Smith, C., T. Harrison and R. Winfree. Patterns of forest bee biodiversity in human-modified landscapes. Entomological Society of America Annual Meeting: Vancouver, BC, Canada. Nov. 13, 2018.

Smith, C. Forest bees and where to find them. Graduate Student Seminar Series, Rutgers University: New Brunswick, NJ. Feb 2, 2018.

Smith, C., L. Weinman, J. Gibbs and R. Winfree. Bees in trees: how do forest bees use floral resources? Ecological Society of America Annual Meeting: Portland, OR. Aug. 10, 2017

Smith, C. Bees in trees: how do forest bees use floral resources? Hutcheson Memorial Forest Research Symposium, New Brunswick, NJ: March 3, 2017

Smith, C. Bees in trees: how do forest bees use floral resources? Graduate Student Seminar Series. Rutgers University: New Brunswick, NJ. Feb. 10, 2017

Smith, C. Apple Snail Invasion in Seasonal Wetlands on Florida Ranchland: Association with Plant Community Structure and Aquatic Predator Abundance. Graduate Student Seminar Series. Rutgers University: New Brunswick, NJ. Feb. 10, 2017

TEACHING & MENTORING

Teaching Assistant, Rutgers SEBS: General Biology, Concepts in Biology, Principles of Biology (2015-present)

Undergraduate Research Mentor, Casey Hamilton (Sep. 2016-May 2019)

Undergraduate Research Mentor, Andrew Cumming (Sep. 2017-Dec. 2018)

SERVICE & OUTREACH

Native Plant Society Hunterdon County, guest speaker (May 2019)

Middlesex County Environmental Stewards Program, guest lecturer (June 2016, 2017, 2018)

Rutgers Environmental Stewards Program at Duke Farms, guest lecturer (June 2018)

Rutgers Gardens Seminar, guest speaker (Feb. 2017)

Mercer County, NJ Master Gardener Pollinator Program, guest speaker (June 2016)

Garden Club of America Zone IV meeting, guest speaker (May 2016)

Samsung Summer Science Series, Rutgers University, panelist (July 2015)