

ERICA HENRY

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EDUCATION

PhD Biology – Ecology and Evolution. North Carolina State University. February 2018.
MSc Environmental Science. Washington State University 2010
BA Biology & Spanish. Willamette University 2001

EXPERIENCE

Postdoctoral Associate. March 2018 – present. North Carolina State University. Raleigh, NC.
Research Assistant. January 2014-March 2018. North Carolina State University. Raleigh, NC.
Research Technician. January 2012 – 2014. North Carolina State University. Big Pine Key, FL.
Avian Biologist. June 2011 – December 2011. SWCA Environmental Consultants. Saratoga, WY.
Graduate Research/Teaching Assistant. 2008 – 2010. Washington State University. Vancouver, WA.
Field Site Coordinator. Summer 2005 & 2007. SWCA Environmental Consultants. Lake Havasu City, AZ.
Field technician. Summer 2004. The Research Foundation of SUNY. Plattsburgh, NY
Mist-net Assistant. Spring 2004. University of Southern Mississippi. Johnson's Bayou, LA.
Field Research Assistant. Winter 2004. Smithsonian Tropical Research Institute. Gamboa, Panama.
Science Camp Lead Instructor. 2001-2003. Oregon Museum of Science and Industry's (OMSI) Cascade Science School. Bend, OR.

PUBLICATIONS

Schultz, C. B., N.M. Haddad, **E. Henry**, and E. Crone. *In review*. Movement and demography of at-risk butterflies: building blocks for conservation. Annual Review of Entomology.

Cayton, H., N.M. Haddad, B. Ball, **E. Henry**, and E. Aschehoug. (2015). Habitat restoration as a recovery tool for a disturbance-dependent butterfly, the endangered St. Francis' Satyr. Pages 147-159 in Daniels, J. C. (editor) *Butterfly Conservation in North America*

Henry, E. and C. Anderson. 2016. Population estimates to inform the management of an endangered butterfly: double-observer versus distance sampling. Journal of Insect Conservation. 20:505-514

Henry, E., N.H. Haddad, J. Wilson, P. Hughes, B. Gardner. 2015. Point-count methods for butterflies when traditional methods fail: a case study with Miami blue butterfly. Journal of Insect Conservation. 19:519-529

Henry, E. and L. Beyer. 2013. A note on the life history of the mardon skipper (*Polites mardon*). Journal of the Lepidopterists Society. 67:304-307

Henry, E. and C. B. Schultz. 2013. A first step towards successful conservation: Understanding local oviposition site selection of an imperiled butterfly, mardon skipper. Journal of Insect Conservation. 17:183-194

Deemer, B., K. Goodwin, T. Lee, K. Birchfield, K. Dallavis, J. Emerson, D. Freeman, **E. Henry**, L. Wynn, and J. Harrison. 2012. Elevated nitrogen and phosphorous concentrations in urbanizing southwest Washington streams. Northwest Science. 86:237-247

Schultz, C.B., **E. Henry**, A. Carleton, T. Hicks, R. Thomas, A. Potter, M. Collins, M. Linders, C. Fimbel, S. Black, H. Anderson, G. Diehl, S. Hamman, R. Gilbert, J. Foster, D. Hays, N. Page, J. Heron, N. Kroeker, C. Webb, and B. Reader. 2011. Conservation of Prairie-Oak butterflies in Oregon, Washington and British Columbia. Northwest Science. 85:361-388

AWARDS and HONORS

Global Change Fellowship. Southeast Climate Science Center and NC State University
National Science Foundation GK-12 Fellowship, "Partners in Discovery of the Columbia River Watershed." WSUV.

DeWind Award for Lepidoptera Conservation. Xerces Society.

Prairie Biotic Research Small Grants for Prairie Research.

Robert Lane Fellowship. Washington State University, Vancouver.

GRANTS

2017 Interacting effects of multiple disturbances on population demography. NSF \$140,000

2015-2018 Using disturbance to restore Bartram's hairstreak habitat. USFWS \$43,000

2013 Monitoring and recovery of Miami blue butterflies. USFWS \$53,000

2011 Understanding mardon skipper oviposition habitat across the Puget Prairies: Scaling up in time and space. ACUB program Joint Base Lewis-McChord \$65,600

INVITED SEMINARS

Zoo Miami March 2017 "Using disturbance to restore habitat for pine rockland butterflies"

Willamette University October 2010 "A first step towards successful restoration and reintroduction: Understanding oviposition habitat requirements of an imperiled butterfly, mardon skipper"

PRESENTATIONS AT PROFESSIONAL MEETINGS

Henry, E. and N. Haddad 2017. Bartram's scrub-hairstreak and its host demographic response to disturbance. Entomological Society of America. Denver, CO, USA

Henry, E. and N. Haddad 2017. When surrogate species fail conservation. Ecological Society of America. Portland, OR, USA

Henry, E. and N. Haddad 2015. Conservation of two endangered butterflies in the Florida Keys. Entomological Society of America. Minneapolis, MN, USA.

Henry, E. and N. Haddad. 2013. Using point counts to estimate butterfly density. Ecological Society of America. Minneapolis, MN, USA.

Henry, E. and C.B. Schultz. 2010. Egg drop soup: Oviposition selection of the mardon skipper in Puget Sound prairies. International Conference on the Biology of Butterflies. Edmonton, AB, Canada.

Henry, E. and C.B. Schultz. 2010. Uncovering the secret life of an imperiled butterfly: Mardon skipper oviposition selection. International Congress for Conservation Biology. Edmonton, AB, Canada.

Henry, E and J. Ecklund. 2010. Food webs in a local context. AAAS Annual Meeting. San Diego, CA, USA.