

## ***Ecology & Evolution Graduate Program Newsletter***

### **November -December 2016**

Previous newsletters may be found at:  
<http://rci.rutgers.edu/~deenr/news.html>

**Please let us know if you have made presentations, published papers, received grants and awards, or traveled to do research. Don't be shy about sending in material for the newsletter! Keep those emails, cards, letters, and social media posts coming! Send your news and accomplishments to [pjmorin@rci.rutgers.edu](mailto:pjmorin@rci.rutgers.edu).**

### **Congratulations!**

**Henry John-Alder** has been elected as a Fellow of the American Association for the Advancement of Science (AAAS).

**Jennifer Blake-Mahmud** was the Botany in a Box first prize winner for a graduate student developed outreach concept titled "Weeds, weeds everywhere", at the Botanical Society of America meeting, 2016

### **Presentations:**

**Baumgarten, J., & J. Dighton.** (2016, November). How do fertilizer additions change the soil biology of biofuel switchgrass (*Panicum virgatum*)? Talk presented at the 2016 ASA, CSSA, & SSSA International Annual Meetings in Phoenix, AZ.

**Blake-Mahmud, Jennifer, & Lena Struwe** (2016). Late season changes in sex expression in striped maple, *Acer pensylvanicum* (Sapindaceae). Talk at Botany 2016 conference, Savannah, GA.

**Blake-Mahmud, Jennifer, & Catrina Adams** (2016). Cool Leaves! Exploring leaf adaptation in outreach. Talk at Botany 2016 conference, Savannah, GA.

**Blake-Mahmud, Jennifer, & Lena Struwe.** (2016) Changes in sex expression correlate with health in striped maple, *Acer pensylvanicum*. Talk at Evolutionary Demography meeting, October 4 2016, Charlottesville, VA

**Blake-Mahmud, Jennifer, & Lena Struwe.** (2016) Down to the wire: Late season changes in sex expression in striped maple, *Acer pensylvanicum* (Sapindaceae). Poster presented at Pennsylvania Botany Symposium, November 18 2016, State College, PA.

## Publications:

**Faillace, C. A. and P. J. Morin.** 2016. Evolution alters the consequences of invasions in experimental communities. *Nature Ecology & Evolution* 1: 0013.

<http://dx.doi.org/10.1038/s41559-016-0013>

The paper by Faillace and Morin can be viewed via open access at the new Nature Ecology & Evolution site, <http://www.nature.com/natecolevol/>. There is also an accompanying blog post written by Cara Faillace at <https://natureecoevocommunity.nature.com/channels/521-behind-the-paper/posts/12548-strangers-in-a-strange-land-evolution-in-biological-invasions>.

McGhee, G. R. 2015. Limits in the evolution of biological form: A theoretical morphologic perspective. *Interface Focus* 5:1-6, 20150034.

<http://dx.doi.org/10.1098/rsfs.2015.0034>

**Handel, S. N., J. Marra, C.M.K. Kaunzinger,** et al. 2016. Ecology of Jamaica Bay: history, status, and resilience. Pages 91-116 in: *Prospects for Resilience: Insights from New York City's Jamaica Bay*. E. W. Sanderson, W.D. Solecki, J.R. Waldman, and A.S. Parris, editors. Island Press, Washington, D.C.

Campagne P, **Smouse PE,** Pasquet R, Capdevielle-Dulac C, Silvain J-F, Le Ru B, Van den Berg J (2016). Impact of violated HDR assumptions on evolution of *Bt*-resistance *EVOL APPL* 9:596-607.

## Media:

There is a picture of Lauren Frazee doing my fieldwork on *Plantago rugelii* on Hort Farm III in the exclusive Rutgers 250 "Here & Now" photo book! More info here: <http://herenow250.rutgers.edu/about/book>. And this is the photo!: <http://herenow250.rutgers.edu/gallery/1853>

## Transitions:

Congratulations to **Colleen Smith** (Winfree Lab) on the successful completion of her Qualifying Exam on December 12, 2016.

Congratulations to **Jeff Brown** (Lockwood Lab) on the successful defense of his Preliminary Proposal on December 7, 2016

Congratulations to **Hua Shang** (Xu Lab) on the successful completion of her Qualifying Exam on November 30, 2016.

Congratulations to **Dan Clark** (Jordan Lab) on the successful defense of his Preliminary Proposal on November 30, 2016.

Congratulations to **Michael Roswell** (Winfree Lab) on the successful completion of his Qualifying Exam on November 21, 2016

## Alumni News:

**Amy Long** writes that In September she was recognized by the UNC Wilmington Center for Teaching Excellence as Lecturer of the Year, 2016.

**Blake Mathys** writes that he has a new publication:

Le Gros, A., P. Clergeau, D. Zuccon, R. Cornette, **B.A. Mathys** & S. Samadi. 2016. Invasion history and demographic processes associated with rapid morphological changes in the Red-whiskered bulbul established on tropical islands. *Molecular Ecology*. 25(21):5359-5376.

**Natalie Howe** writes that she has a new job as a Weed Ecologist at the USDA Animal and Plant Health Inspection Service in Washington DC starting 1/5/2017.