

Daijiang Li

Curriculum Vitae

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Education

2011 – Now, Ph.D. student, Department of Botany, University of Wisconsin-Madison

Committee: Donald M. Waller (chair), Ellen I. Damschen, Thomas J. Givnish, Anthony R. Ives, Bret R. Larget

Dissertation: Long-term dynamics of pine barrens in central Wisconsin

2013 – Now, M.S. Biometry, Department of Statistics, University of Wisconsin-Madison

2008 – 2011, M.S., School of Life Science, Sun Yat-sen University, China

2004 – 2008, B.S., School of Life Science, Yunnan University, China

Research Interests

Plant community assembly (taxonomic, functional and phylogenetic), Diversity and ecosystem functioning, Network analysis, Species co-occurrence, Multi-level model, Global change.

Academic Appointments

2014 – 2015, Graduate Student Research Assistant, Department of Botany, University of Wisconsin-Madison.

2012 – 2013, Graduate Student Teaching Assistant, Department of Botany, University of Wisconsin-Madison.

2011 – 2012, Graduate Student Research Assistant, Department of Botany, University of Wisconsin-Madison.

2008 – 2011, Graduate Student Research Assistant, School of Life Science, State Key Laboratory of Bio-control, Sun Yat-sen University, China.

Publications

Journal articles

4. **Daijiang Li** and Donald Waller. *In press*. Drivers of observed biotic homogenization in pine barrens of central Wisconsin. *Ecology*.
3. **Daijiang Li**, Shaolin Peng, Baoming Chen. (2013). The effects of leaf litter evenness on decomposition depend on which plant functional group is dominant. *Plant and Soil*. 365:1-2, 255-266.
2. Baoming Chen, Shaolin Peng, Carla M. D'Antonio, **Daijiang Li**, Wentao Ren. (2013). Non-Additive Effects on Decomposition from Mixing Litter of the Invasive *Mikania micrantha* H.B.K. with Native Plants. *PLoS ONE*. 8(6): e66289.
1. Bosun Wang, Shaolin Peng, **Daijiang Li**, Ting Zhou. (2009). Research progress on *Merremia boissiana*. *Chinese Journal of Ecology*. 28 (11), 2360-2365.

Manuscripts in review or preparation

1. **Daijiang Li** and Donald Waller. *In press*. Long-term shifts in the forces driving community assembly inferred from plant co-occurrence patterns. *Submitted*.

Awards and Grants

2013 – 2014, The Flora Aeterna Research Grant, \$1,500. Department of Botany, University of Wisconsin-Madison

2012 – 2013, The Flora Aeterna Research Grant, \$5,000. Department of Botany, University of Wisconsin-Madison

2012 – 2013, Davis Research Grant, \$1,500. Department of Botany, University of Wisconsin-Madison

2013, Phi Kappa Phi Honor Society (declined), University of Wisconsin-Madison

2009, 2010, Education Scholarship for Graduate Student (Fellowship), Sun Yat-sen University, China

2009, Excellent prize of presentation in English, Sun Yat-sen University, China

2008, Second Award of National Scholarship, Yunnan University, China

2006, 2007, Second Award of Donglu Scholarship, Yunnan University, China

Presentations and Posters

Daijiang Li, Donald Waller, 2014 August, Increases in native, not exotic, species plus succession promote biotic homogenization in the sand plain plant communities of central Wisconsin. *99th Ecological Society of America Annual Meeting*, Sacramento, California, USA. (Oral presentation).

Daijiang Li, Donald Waller, 2014 March, Long-term dynamics in pine barrens of central Wisconsin. *Wisconsin Ecology Annual Spring Symposium*, Madison, Wisconsin. (Oral presentation).

Teaching

2014 August 25-26, Instructor, Software Carpentry Bootcamp, UW-Madison.

2013 Fall, Teaching Assistant, Vegetation of Wisconsin (Bot 455).

2013 Spring, Teaching Assistant, Introductory Biology (Bio 152).

2012 Fall, Teaching Assistant, Vegetation of Wisconsin (Bot 455).

2010 Fall, Teaching Assistant, Restoration Ecology, Sun Yat-sen University, China.

Undergraduate Mentoring / Research Training

2014, Kelly Wallin, Prepare leaf samples for leaf nutrient analysis.

2014, David Barfknecht, Collect and measure plant functional traits.

2014, Madeline Grupper, Prepare leaf samples for leaf nutrient analysis.

2013, Alex Arena, Collect and measure plant functional traits.

2013, Anna Francke, Changes in overstory structure of pine barrens in Wisconsin from 1958 to 2012.

Professional Service and Outreach

Manuscript reviewer for: *Journal of Ecology*.

2014, Darwin day presenter, UW-Madison.

2013 – 2014. Student representative to the Biology Colloquium Committee, Botany department, UW-Madison.

2013 – 2014. Graduate student Committee, Botany department, UW-Madison.

2013 Oct. 6-11, volunteer of the fifth world conference on ecological restoration.

2012 – 2013. Department Technical Committee, Botany department, UW-Madison.

Skills

Plant identification, R, \LaTeX , Linux, Git.

References

Dr. Donald. M. Waller (PhD Advisor)
John T. Curtis Professor of Department of Botany
University of Wisconsin-Madison, Madison, WI 53706
608-262-2191, dmwaller@wisc.edu

Dr. Anthony R. Ives (Committee member)
Professor of Department of Zoology
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Dr. Ellen I. Damschen (Committee member)
Professor of Department of Zoology
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