

# 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.

## Professional Experience

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

2014, Statistical Consultant, College of Agriculture and Life Sciences Statistical Consulting Group, Department of Statistics, University of Wisconsin, Madison, WI.

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. 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,  $\text{\LaTeX}$ , 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](mailto:dmwaller@wisc.edu)

Dr. Anthony R. Ives (Committee member)  
Professor of Department of Zoology  
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608-262-9226, [arives@wisc.edu](mailto:arives@wisc.edu)

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