

## Matthew S. Lobdell

### *Vitae*

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### **PROFESSIONAL EXPERIENCE**

#### **THE MORTON ARBORETUM**, Lisle, Illinois (6 years)

**Curator of Living Collections**, Nov 2018 - present; Head of Collections and Curator, Oct 2014 - Oct 2018

Oversee curation, plant records, and plant health care departments. Lead public horticulture internship program. Curate and develop living tree and shrub collections with focus on *ex-situ* conservation. Perform regular audits, evaluations, taxonomic determinations, and plant exploration. Significant projects include: revision of the Collections Master Plan (2015, 2018) and transition to BRAHMS database system (2015).

#### **MOORE FARMS BOTANICAL GARDEN**, Lake City, South Carolina (1 year 3 months)

**Plant Recorder**, Feb 2014 - Oct 2014; Research Horticulturist, Aug 2013 - Jun 2014

Overhauled curatorial operations to align with best management practices. Participated in development of Collections Policy. Revised plant records database. Selected, budgeted, and purchased necessary equipment. Developed detailed manual of curatorial procedures and provided training. Performed maintenance of green roof and completed improvements to infrastructure and research protocols.

#### **UNIVERSITY OF DELAWARE BOTANIC GARDENS**, Newark, Delaware (2 years)

**Curatorial Graduate Assistant**, Aug 2011 - Jul 2013

Completed accessioning, inventory, mapping, and label production. Wrote detailed manual on procedures to assist in training of future students in the program.

#### **ROSE FITZGERALD KENNEDY GREENWAY CONSERVANCY**, Boston, Massachusetts (2 years 2 months)

**Horticulturist**, Jun 2009 - Jul 2011

Assisted in development of standards and procedures for arboriculture, rodent control, landscape management, and inventory. Maintained parks, selected plantings, supervised volunteer and intern labor.

#### **POLLY HILL ARBORETUM**, West Tisbury, Massachusetts (1 year 1 month)

Collections Management Intern, Oct 2008 - Jun 2009; Horticulture Intern, May 2006 - Aug 2006

#### **ARNOLD ARBORETUM OF HARVARD UNIVERSITY**, Jamaica Plain, Massachusetts (1 year 3 months)

Horticulture Apprentice, Sep 2007 - Aug 2008; Isabella Welles Hunnewell Intern, May 2007 - Sep 2007.

### **EDUCATION**

**Benedictine University, Goodwin College of Business**, Lisle, Illinois

Master of Business Administration/M.S. - Management and Organizational Behavior (In Progress, Expected Spring 2021)

**University of Delaware, College of Agriculture and Natural Resources**, Newark, Delaware

M.S. - Plant and Soil Science, 2013. Advisor: John J. Frett; Thesis: *Styrax in Cultivation: Evaluation of an Underrepresented Ornamental Genus*.

**Kenyon College**, Gambier, Ohio.

B.A. - Anthropology, 2007; minor in environmental biology, concentration in environmental studies.

### **CERTIFICATIONS**

**International Society of Arboriculture**, Certified Arborist. #NE-6566A. 2008-present.

### **PROFESSIONAL APPOINTMENTS, SERVICE, MEMBERSHIPS**

**American Public Gardens Association**, Group Coordinator - Plant Collections Network Multisite Quercus Collection, 2017 - present; Group Coordinator - Plant Collections Network Multisite Magnolia Collection, 2015 - 2017.

**International Society for Horticultural Science**, International Cultivar Registration Authority for the Magnoliaceae, 2013 - present; International Cultivar Registration Authority for the Ulmaceae. 2016 - present

**Magnolia Society International**, Vice President, 2019-2020; Board of Directors, 2014 - 2018; member, 2011 - present.

**International Oak Society**, member, 2015 - present

**Polly Hill Arboretum**, Research Associate, 2014 - present

## **GRANTS AND AWARDS**

**Chanticleer Scholarship in Professional Development:** \$5,000

**American Public Gardens Association and USDA Forest Service, Tree Gene Conservation Partnership**, 2019 Scouting/Collecting Trip for *Magnolia pyramidata*: \$4,910. 4/07/19 – 08/22/19; 2017 Scouting/Collecting Trip for *Quercus oglethorpensis*: \$4,468. 3/16/17 – 12/31/17; 2016 Scouting/Collecting Trip for *Magnolia pyramidata*: \$4,906. 5/01/16 – 12/31/17; 2015 Scouting/Collecting Trip for *Quercus oglethorpensis*: \$4,111. 4/15/15 – 12/31/15.

**American Public Gardens Association**, Student Travel Award: \$500. 5/20/13-5/24/13.

**Gaylord and Dorothy Donnelley Foundation**, Digitization of The Morton Arboretum's Legacy Accession Card Catalog: \$7,500, 7/31/19-7/31/20.

**USDA Agricultural Research Service National Plant Germplasm System**, Plant Exploration in North Carolina and Tennessee to Collect *Acer*, *Aesculus*, *Carya*, *Crataegus*, *Juglans*, *Magnolia*, *Quercus* and *Ulmus* Germplasm for Crop Improvement: \$8,863. 3/20/18-11/30/18.

## **TEACHING EXPERIENCE**

**Associated Colleges of the Chicago Area, Morton Arboretum Cooperative College Botany Program**. Primary Instructor for Field Botany. 4 credit hours, upper division undergraduate. 2016.

Assistant Instructor for Woody Plants of the Western Great Lakes. 4 credit hours, upper division undergraduate. 2019.

**University of Delaware, College of Agriculture and Natural Resources, Dept. of Plant and Soil Sciences**. Laboratory Instructor for PLSC 101 (Botany I), PLSC 201 (Botany II/Plant Morphology), and PLSC 214 (Indigenous Woody Plants of the Eastern United States). Courseload 1-3 sections per semester. 2011-2013.

## **SELECTED PUBLICATIONS**

Lobdell, M. 2020. Checklist of the Cultivated Magnolias, 3rd Ed. 152 pp. (In prep, Advance copy available)

Lobdell, M. 2020. Collaboration and Conservation: The Nationally Accredited Multisite Quercus Collection. *Public Garden* 35(2): 20-23.

Lobdell, Matthew. 2019. Plant Collections Network Multisite Quercus collection. Proceedings 9th International Oak Society Conference. *International Oaks* 30: 301-308.

Lobdell, Matthew S.; Thompson, Patrick G. 2017. Ex-situ conservation of *Quercus oglethorpensis* in living collections of arboreta and botanical gardens. In: Sniezko, Richard A.; Man, Gary; Hipkins, Valerie; Woeste, Keith; Gwaze, David; Kliejunas, John T.; McTeague, Brianna A., tech. cords. 2017. *Gene conservation of tree species—banking on the future*. Proceedings of a workshop. Gen. Tech. Rep. PNW-GTR-963. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station: 144-153.

Lobdell, Matthew. 2017. *Quercus oglethorpensis* W.H. Duncan: Ex-Situ Conservation Through Collaborative Cultivation. *International Oaks*. 28: 41-48.

Lobdell, Matthew. 2017. Collecting for conservation: A ten-day seed-collecting trip targeting *Magnolia fraseri* var. *pyramidata*. *Magnolia: The Journal of the Magnolia Society International*. 101: 23-20.

Lobdell, Matthew. 2017. Multi-Institutional Collaborations: Nationally Accredited Multisite Magnolia Collection. *Public Garden Magazine*. 32 [Special Issue 2017]: 10-11.

Smit, Martin; Matt Lobdell, Abby Hird, John Frett, and Robert Lyons. 2016. What is the value of the current collection of *Magnolia macrophylla* var. *ashei* for potential integrated conservation efforts? *Magnolia: The Journal of the Magnolia Society International*. 100: 1-5.

Lobdell, Matt. 2014. *Styrax* in cultivation. *The Plantsman*. 13: 78-84.

Lobdell, Matthew S. 2013. *Styrax* in Cultivation: Evaluation of an Underrepresented Ornamental Genus. MS Thesis, University of Delaware. Ann Arbor: ProQuest/UMI, 2008. (Publication No. AAT 1451129.)

## **SELECTED PRESENTATIONS**

### **Invited Presentations**

Lobdell, Matthew. Endangered Oaks and Rare Magnolias: Conserving At-risk U.S. Plant Species Through Cultivation at Arboreta and Botanical Gardens. 62nd Iowa Shade Tree Short Course. Ames, IA. 2/22/2018.

Lobdell, Matthew. Magnolias: Future Frontiers for a Timeless Classic. 62nd Iowa Shade Tree Short Course. Ames, IA. 2/21/2018.

Lobdell, Matthew. The Southeastern US and South Caucasus: Plant Exploration for Introduction and Conservation. Indiana Green Expo. Indianapolis, IN. 1/17/2018.

Lobdell, Matthew. Collections Management and Development at The Morton Arboretum. Indiana Green Expo. Indianapolis, IN. 1/17/2018.

Lobdell, Matthew. Green Roofs in the Southeast: Ongoing Research at the Moore Farms Botanical Garden. SCHI 2014 Trade Show & Seminars, South Carolina Nursery and Landscape Association. Myrtle Beach, SC. 2/4/2014 – 2/6/2014.

#### **Oral Presentations**

Lobdell, Matthew & Kim Shearer. Developed Landscapes, Developed Plants. Midwest Tree and Shrub Conference. Lisle, IL. 9/6/2018.

Lobdell, M.; J.J. Rothleutner, P. Allenstein, & M.P. Griffith. Collecting for Collections: the Public Garden Role in Tree Gene Conservation. Changing Perspectives: Planting for the Future (Annual Conference), American Public Gardens Association. Miami, FL. 6/6/2016.

Lobdell, Matthew. Ex-situ conservation of *Quercus oglethorpensis* in Living Collections of Arboreta and Botanical Gardens. Gene Conservation of Tree Species – Banking on the Future. Chicago, IL. 5/19/2016.

Lobdell, Matthew & John Frett. *Styrax* in Cultivation: an Underrepresented Ornamental Genus. Annual Meeting, Northeast Region of the American Society of Horticultural Science. New Brunswick, NJ. 1/3/2013 - 1/4/2013.

#### **Workshops and Sessions**

Caldwell, S; M. McCadden, C. Salvador, E. Dawson, B. George, A. Dorgan, C. Dougherty, & M. Lobdell. Innovative Technology Test Kitchen. Celebrating Connections (Annual Conference), American Public Gardens Association. Hamilton, Ontario, Canada. 6/22/2017.

Lobdell, M.; D. Filer, M. Calonje, & E. Dawson. Beyond Lists & Labels: Integrating Data for Curation & Research. Changing Perspectives: Planting for the Future (Annual Conference), American Public Gardens Association. Miami, FL. 6/10/2016.

Westwood, Murphy; Andrew Bunting, and Matt Lobdell. Building the Oak Conservation Toolkit (Moderator). 8<sup>th</sup> International Oak Society Conference. Lisle, IL. 10/18/2015.

Lobdell, Matt. Utilization of BRAHMS Software for Analysis of Collection and Distribution Data. 8<sup>th</sup> International Oak Society Conference. Lisle, IL. 10/18/2015.

#### **Poster Presentations**

Alenstein P; A. Highland, M. Lobdell, & A. Meyer. Don't Ask Don't Tell is not the Best Policy. Cultivate Your Creative Nature (Annual Conference), American Public Gardens Association. Anaheim, CA. 6/6/2018.

Lobdell, M. Development of a Next Generation Integrated Database for Collections Management. Celebrating Connections (Annual Conference), American Public Gardens Association. Hamilton, Ontario, Canada. 6/21/2017.

Lobdell, Matthew. An Audit of the Morton Arboretum *Quercus* Collection. 8<sup>th</sup> International Oak Society Conference. Lisle, IL. 10/18/2015.

Lobdell, Matthew & John Frett. A collections-based review of *Styrax*. The Garden Evolution Conference (Annual Conference), American Public Gardens Association. Phoenix, AZ. 5/20/13-5/24/13.