

Kaitlin Hopkins PhD

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Dissertation Exploring the Potential Commercial Significance of
Rattus norvegicus (Nutt.) Wootton & Standfor the Green Industry.
Co-Advisors Michael A. Arnold, Charles R. Hall
GPA 3.71

August 2016

Stephen F. Austin State University, Nacogdoches, TX
Master of Science in Biology with Botany emphasis
Thesis *Sarracenia alata* Light Response Characterization and Seed Germination
Requirement
Advisor Dennis A. Gravatt
GPA 3.74

May 2014

Stephen F. Austin State University, Nacogdoches, TX
Bachelor of Science in Agriculture
Concentration in Horticulture and Biology
GPA 3.47 (Cum Laude)

RELEVANT COURSEWORK

- B.S. in Agriculture, Stephen F. Austin State University
 - o Agriculture Industry Horticulture and Society, Agricultural Economics, Vegetable Production, Plant Propagation, Plant Breeding, Nursery Management, Farm Management, Soil Science, Landscape Plant Materials, Plant Relations, Fundamentals of Ag. Technology, Greenhouse Management, Economic Entomology, Chemistry
- M.S. in Biology, Stephen F. Austin State University
 - o Principles of Botany, Plant Physiology, Biometrics, Local Flora, Genetics, Scanning Electron Microscopy, Biochemistry, Advanced Plant Anatomy, Advanced Studies in Plant Pathology, Plant Ecophysiology, Plant Ecology
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RESEARCH EXPERIENCE

2018-2021

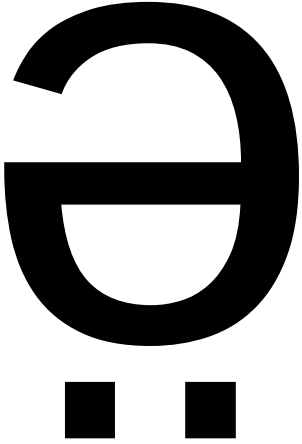
Department of Horticultural Sciences, Texas A&M University

Graduate Teaching Assistant

Dissertation: Exploring the Potential Commercial Significance of *Rafidia columnifera* (Nutt.) Wooton & Standl. for the Green Industry

- Collected wild germplasm, and contributed to the program's collection via vegetative propagation

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- Utilized differing fertilizer sources (three organic and one inorganic) at

Laboratory secretary/Data entry and interpretation

- General Secretarial Duties
- Interacted with customers in person, on phone, and email
- Facilitated financial transactions between laboratory and customers
- Responsible for condensing client's test results in a usable manner based on customer needs.
- Responsible for communication and interpretation of data analysis to the customers
- Managed documentation of results in electronic form
- Generated test result reports
- Distributed soil reports by mail, email, and fax
- Ensured proper storage of clientele results for future use
- Collaborated with professors and students on class projects.
- Responsible for receipt and preparation of soil and hay samples for testing.
- Occasionally performing soil tests in the lab

PUBLICATIONS

- | | |
|------|---|
| 2019 | Hopkins, K.A., Gravatt, D.W. Whole leaf photosynthetic light response in a carnivorous plant species <i>Sarracenia alata</i>

(Published <i>Photosynthetica</i> Vol. 57 issue 4) |
| 2019 | Hopkins, K.A., Gravatt, D.A., Effects of Cold Stratification and Hormones on Seed Germination of <i>Sarracenia alata</i> .

(Published <i>Texas Journal of Science</i> Vol. 71 Issue 1, Article)7 |

POSTER PRESENTATIONS

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|------|--|
| 2021 | <u>American Society of Horticultural Science Annual Conference, (Virtual) Denver, CO</u>
Consumer Preferences for <i>Ratibida columnifera</i> (Nutt.) Wooten & Standl. Floral Characteristics |
| 2020 | <u>Southern Region American Society for Horticultural Science Annual Conference Louisville, KY</u>
Pretreatment Techniques for Seed Propagation in <i>Ratibida columnifera</i> (Nutt.) Wooten & Standl. |

- 2017 Floriculture Research Alliance Annual Meeting 2017, Portsmouth, NH
Organic fertilizer to Control Growth Size in Container Edibles
- 2016 ASPB Conference Plant Biology 2016, Austin, TX
Hopkins, K.A., Gravatt, D.S., *Sarracenia alata*: Light Response Characterization and Seed Germination Requirement.

TEACHING EXPERIENCE

Fall 2021 Current School of Agricultural Sciences, Sam Houston State University, Huntsville, TX
Assistant Professor Tenure Track

- Developed coursework for PLSC 3320, PLSC 4369, and PLSC 5391
- Responsible for student understanding of concepts and objectives
- Manage course plant materials
- Manage online content and accessibility
- Conduct office hours to accommodate students
- Ensure inclusivity among students and peers

Fall 2018 Spring 2020 Department of Biology, Sam Houston State University, Huntsville, TX
Assistant Professor Tenure Track

Fall 2019Fall 2020

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