

Sebastian Mortimer

Department of Biological Sciences
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Education

- 2018 MS, Biology, University of Idaho, Moscow ID. (expected)
2016 BA, Biology, m. Environmental Science, Willamette University, Salem OR. (honors)

Research Experience

- 2016 - Present Departmental Fellowship – Department of Biology, University of Idaho
2017 Field Assistant – Payette NF and Frank Church Wilderness – Stillinger Herbarium, University of Idaho
2015 - 2016 Research Experience for Undergraduates (NSF - REU) - Biology Department, Willamette University
2014 - 2016 Research Assistant, Biology Department, Willamette University
2014 Research Assistant, Plant, Soil and Entomological Sciences, University of Idaho
2013 Research Experiences for Undergraduates (NSF - REU) – PSES, University of Idaho
2012 - 2015 Research Assistant, Department of Soil and Land Resources, University of Idaho

Teaching Experience

- 2016 -2018 **Teaching Assistant**, Department of Biological Sciences, University of Idaho
Advanced Laboratory: Genetics
Intermediate Laboratory: Biological Structure and Function
Field Course: Advanced Field Botany (June 2018) – Payette NF
2015 - 2016 **Teaching Assistant**, Biology Department, Willamette University
Introductory: Ecology, Evolution, & Diversity
Research Methods: Plant Systematics and Evolution

Achievements and Awards

- 2017 Society of Systematic Biologists (SSB) Graduate Student Research Award
2017 NSF GRFP Honorable Mention
2016 Young Botanist Award - Botanical Society of America
2016 Department of Biology Honors and Honors Thesis in Biology, Willamette University
2016 Undergraduate Achievement Award - Botanical Society of America
2016 Northwest Conference Scholar Athlete
2016 Memorial Scholarship - Native Plant Society of Oregon

Publications:

- Latvis, M., Jacobs, S. J., **Mortimer, S. M.**, Richards, M., Blischak, P. D., Mathews, S., & Tank, D. C. (2017). Primers for *Castilleja* and their utility across Orobanchaceae: II. Single-copy nuclear loci. *Applications in Plant Sciences*, 5(9), 1700038.
Latvis, M., **Mortimer, S. M.**, Morales-Briones, D. F., Torpey, S., Uribe-Convers, S., Jacobs, S. J., ... & Tank, D. C. (2017). Primers for *Castilleja* and their utility across Orobanchaceae: I. Chloroplast primers. *Applications in Plant Sciences*, 5(9), 1700020.

Presentations and Posters:

- Mortimer S.**, D. Tank. 2018. Phylogeny and evolution of *Lamourouxia* (Orobanchaceae): patterns of diversification in a neotropical radiation. Botany 2018, presentation.
Kephart S., **S. Mortimer**, T. Culley, and R. Orbison 2016. Genetic Structure and Trait Differentiation of *Camassia* Species in the Snake River Watershed of Northeastern Oregon and adjacent Western Idaho. Botany 2016, presentation.

Mortimer S., S. Kephart, T. Culley, and R. Orbison. 2016. Genetic Structure of Camassia Species in the Snake River Watershed of Northeastern Oregon and adjacent Western Idaho. EVO-WIBO, poster.

Kephart S., **S. Mortimer**. 2015. *Linking floral anthesis, pollination, and species boundaries in Camassia: a synthetic approach*. Botany 2016, presentation.

Professional Organizations

Botanical Society of America
American Society of Naturalists
Society of Herbarium Curators

Outreach

Moscow High School – College Night Panelist – 2016
MHS – Extended Learning Internship Mentor – 2016

Additional Skills

Python, R
Ecological Niche Modeling: MaxEnt, QGIS, ArcGIS, and R
Botanical and Hymenoptera Identification

Languages

German (fluent)

Athletics

2012 – 2015: Men’s Varsity Soccer – Willamette University

References

Dr. David Tank
University of Idaho
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Dr. Susan Kephart
Willamette University
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University of Idaho
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