

JOHN M. A. WOJAHN

In a few years I will be searching for a postdoctoral position

I am broadly interested in plant evolution, bioinformatics, and reproducible science



EDUCATION

- Present
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2020
- **Boise State University**
PhD in Ecology, Evolution, and Behavior Emphasis in Global Change
📍 Boise, Idaho, USA

Thesis: TBD
 - **Boise State University**
MS in Biology
📍 Boise, Idaho, USA

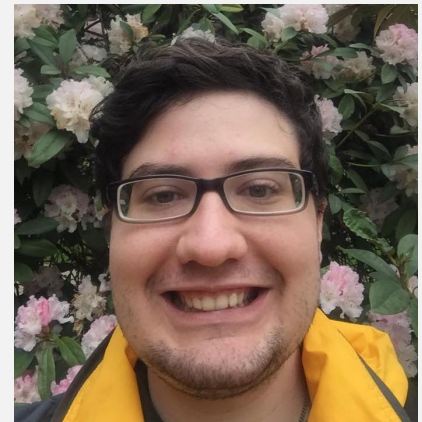
Thesis: A metanalysis of sequences of vascular plants in the world's biodiversity hotspots with a special section on Madagascar
 - **Oregon State University**
Honors BS in Marine Biology
📍 Corvallis, Oregon, USA

Thesis: Metagenomics and metatranscriptomics of the leaf- and root-associated microbiomes of *Zostera marina* and *Zostera japonica*
 - **Oregon State University**
Honors BS in Microbiology
📍 Corvallis, Oregon, USA
- 2020
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2018
- 2016
|
2011
- 2016
|
2011



RESEARCH EXPERIENCE

- Present
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2020
- **EPSCoR Graduate Research Assistant**
Boise State University
📍 Boise, Idaho, USA
 - Provider of bioinformatics programming support for the GEM3 project in Sven Buerki's lab
 - Developed bioinformatics tools for the GEM3 community
 - **Doctoral Student Researcher**
Boise State University
📍 Boise, Idaho, USA
 - Investigated the reproducibility of collections and DNA sequences in biodiversity hotspots
 - Examined phylogenomics of members of the Pandanaceae
 - **Masters Student Researcher**
Boise State University
📍 Boise, Idaho, USA
 - Investigated the reproducibility of collections and DNA sequences in biodiversity hotspots
 - Went on expedition to Madagascar with Sven Buerki to survey forest
- Present
|
2020
- 2020
|
2017



CONTACT INFO

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🐙 github.com/wojahn

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For more information, please contact me via email

SKILLS

💡 **Research:** Reproducible Science, Phylogenomics, Botany, Computational Biology

💻 **Programming:** R, C/C++, RMarkdown, LaTeX, Bash, Git, GitHub

🧪 **Laboratory:** DNA Extraction, PCR, RNA Extraction, Cultivation

🗣️ **Languages:** English, French

🔑 **Notary:** Comm. 67582

Last updated on 2021-01-08.



TEACHING EXPERIENCE

- Spring 2021 • **Vertically Integrated Projects Mentor**
Instructor of R and Data Mining Techniques Boise, Idaho, USA
- Summer 2020 • **EPSCoR Research Technician 2/Bioinformatics Instructor**
Instructor of R and Data Mining Techniques for Summer Academic Research Experience (SARE) Class Boise, Idaho, USA
- 2020 | 2018 • **Teaching Assistant**
Introductory Cell and Molecular Biology Lab Teaching Assistant Boise, Idaho, USA



GRANTS

- 2014 • **University Honors College DeLoach Work Scholarship**
Oregon State University Corvallis, Oregon, USA
• \$1000



POSTERS AND PRESENTATIONS

- 2020 • **G2PMineR: A genome to phenome literature review approach**
Poster for 2020 GEM3 Annual Meeting Boise, Idaho, USA
Wojahn JMA, Galla SJ, Buerki S
- 2018 • **Developing a rapid plant community survey for use in biodiversity hotspots**
Poster for the Forum on Biodiversity of Global Hotspots Boise, Idaho, USA
Wojahn JMA, Buerki S



PEER-REVIEWED PUBLICATIONS

- Accd. 2019 • **Molecular systematics and biogeography of the angiosperm flora of Madagascar**
The New Natural History of Madagascar. Princeton University Press. 2022 Princeton, Massachusetts, USA
Wojahn JMA, Callmander MW, Lowry PP, Buerki S
- Accd. 2019 • **Phylogenetic insights into the systematics of Sapindaceae in Madagascar: How have things advanced since Capuron published his family treatment in 1969?**
The New Natural History of Madagascar. Princeton University Press. 2022 Princeton, Massachusetts, USA
Buerki S, Philipson P, Lowry PP, Wojahn JMA, Andriambololonera S, Callmander MW

Scholar Metrics

Citations: 27

h-index: 1

i10-index: 1

RG Score: 3.69

2018

● **Metatranscriptomics and amplicon sequencing reveal mutualisms in seagrass microbiomes**

Frontiers in Microbiology. 2018 9:388

📍 Lausanne, Switzerland

Crump BC, **Wojahn JMA**, Tomas F, Mueller RS