

*Curriculum vitae***Alexander L. Abair**

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Education

- 2018 - Present **M.S.** in Plant Systematics at New Mexico State University, Las Cruces, NM
- 2017 **B.S.** in Botany and Plant Pathology at Oregon State University, Corvallis, OR
- 2013 **B.S.** in Anthropology at University of Oregon, Eugene, OR

Employment

- Aug. 2017 – Present Graduate Assistant, Dr. Donovan Bailey's Lab, New Mexico State University
- Teaching assistant for two courses in plant taxonomy and plant structure. Researching the phylogeny and biogeography of *Leucaena* (Fabaceae).
- Apr. 2017 - May 2017 Contract Worker, Max Planck Institute for Plant Breeding Research
- Designing and conducting a plant collecting trip in Washington, Oregon, and California. Collecting vouchers, seeds, and DNA samples from live and preserved *Cardamine* plants.
- Apr. 2016 – Jul. 2017 Student Worker, Dr. Aaron Liston's Lab at Oregon State University
- Extracting DNA, conducting PCR, designing primers for the use of restriction enzymes, and *Fragaria* morphology data collection.
- Oct. 2015 – Jul. 2017 Student Worker, Oregon State University Herbarium
- Annotating, filing, databasing, and organizing specimens. Incorporating taxonomic revisions into the collection.
- Jul. 2015 - Jan. 2016 Contract Worker, Oregon Flora Project
- Wrote the keys and descriptions for 24 genera (56 species) of Lamiaceae for the 3rd volume of the Flora of Oregon.
- Jun. 2014 - Oct. 2015 Student Worker, Forest Pathology Lab at Oregon State University
- Designed and conducted pathogenicity tests on bigleaf maples grown in greenhouses, worked with cultures, and extracted DNA from isolates.

Fieldwork

- Jan. - Mar. 2012 Environmental Science Field School, Wildlands Studies- Peruvian Amazon, California State University- Monterey Bay
- Participated in the monitoring of ecosystems in the Peruvian Amazon.
- Jul. - Aug. 2011 Archaeological Field School, Belize Valley Archaeological Reconnaissance, University of Indianapolis
- Worked in small groups excavating Maya sites and cataloging artifacts for further analysis.

- Jun. - Aug. 2010 Anthropological Field School, Sierra Institute, Humboldt State University
- Studied modern and pre-Columbian Maya through immersion in cultural practices and hands-on experience in archaeology.

Volunteer Services

- 2017 - Present Photographing and collecting vouchers for the NMSU Herbarium.
- 2016 - 2017 Collecting vouchers for the Oregon State University Herbarium.
- 2016 - 2017 Photographing rare plant species for the Oregon Flora Project's image library.
- 2016 Undergraduate teaching assistant in Plant Systematics.
- 2016 Student evaluation committee for a professor applying for faculty position, Oregon State University, Corvallis, OR
- 2014 Sorted bryophyte specimens in the Oregon State University Herbarium.

Publications and Presentations

- Abair, A. 2017. Taxonomic Treatments for 24 Genera (56 Species) of Lamiaceae. *Flora of Oregon* Vol. 3. (in review)
- Abair, A. and R. Halse. 2017. Noteworthy Collections - Oregon. *Madroño* 64(1):4-4.
- Abair, A., W. Sutton, E. Hansen, P. Reeser. 2015. Determining the Pathogenicity of *Pythium sp.* on Big Leaf Maples. Presented at the 63rd Western International Forestry Disease Work Conference in Newport, OR.

References

Dr. Donovan Bailey

- New Mexico State University, Department of Biology, 261 Foster Hall, Las Cruces, NM 88003
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Dr. Richard Halse

- Oregon State University, Department of Botany and Plant Pathology, 2082 Cordley Hall, Corvallis, OR 97331-2902
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Dr. Aaron Liston

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