

## CURRICULUM VITAE

### Abigail Jane Moore

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### EDUCATION

- 2004-2010 Ph.D., Integrative Biology, University of California, Berkeley; major professor, Dr. Bruce G. Baldwin  
[Dissertation: Phylogenetic and Population Genetic Studies in *Grindelia* (Asteraceae: Astereae)]
- 1999-2004 B.S., Biology, Magna Cum Laude, University of Utah, Salt Lake City, Utah, GPA 3.97

### RESEARCH EXPERIENCE

- 2013- Postdoctoral Fellow, Department of Ecology and Evolutionary Biology, Brown University; advisor, Dr. Erika Edwards
- 2011-2013 Postdoctoral Fellow, Institut für Spezielle Botanik und Botanischer Garten Johannes Gutenberg-Universität; advisor, Dr. Joachim W. Kadereit
- 2009-2010 Graduate Student manager, Molecular Phylogenetics Laboratory, University & Jepson Herbaria/Museum of Paleontology, University of California, Berkeley
- 2007-2008 Graduate Student Researcher; P.I., Dr. Dean Kelch, Gymnosperm Tree of Life NSF Grant
- 2003 Research Training Program intern, National Herbarium, National Museum of Natural History, Smithsonian Institution; mentor, Dr. Harold Robinson
- 2000-2004 Plant systematics researcher (Asteraceae and Solanaceae); mentor, Dr. Lynn Bohs, University of Utah
- 2000-2004 Curatorial assistant (refolding and identification of herbarium specimens), Garrett Herbarium, University of Utah; supervisors, Ms. Ann Kelsey and Dr. Michael Windham

### TEACHING EXPERIENCE

- 2013 Co-instructor, Modul 14a (Bachelor level), Evolution der Landpflanzen und biotische Interaktionen, Johannes Gutenberg-Universität Mainz; lead instructor, Prof. Joachim Kadereit
- 2013 Co-instructor, Master Modul 3b, Übung zu molekularen Methoden der Systematik und Evolutionsbiologie, Johannes Gutenberg-Universität Mainz; lead instructor, Prof. Joachim Kadereit

- 2012 Co-instructor, Master Modul 3a, Übung zu klassischen Methoden der Systematik der Blütenpflanzen, Johannes Gutenberg-Universität Mainz; lead instructor, Prof. Joachim Kadereit
- 2012 Co-instructor, Modul 14a (Bachelor level), Evolution der Landpflanzen und biotische Interaktionen, Johannes Gutenberg-Universität Mainz; lead instructor, Prof. Joachim Kadereit
- 2012 Co-instructor, Master Modul 3b, Übung zu molekularen Methoden der Systematik und Evolutionsbiologie, Johannes Gutenberg-Universität Mainz; lead instructor, Prof. Joachim Kadereit
- 2011 Co-instructor, Master Modul 3a, Übung zu klassischen Methoden der Systematik der Blütenpflanzen, Johannes Gutenberg-Universität Mainz; lead instructor, Prof. Joachim Kadereit
- 2011 Co-instructor, FII Praktikum, Übung zu molekularen Methoden der Systematik und Evolutionsbiologie, Johannes Gutenberg-Universität Mainz; lead instructor, Prof. Joachim Kadereit
- 2009 Graduate student instructor, California Plant Life, Integrative Biology 102L; lead instructor, Dr. Thomas Carlson, University of California, Berkeley
- 2007 Co-instructor, Collecting Techniques, Jepson Weekend Workshop, Jepson Herbarium, University of California, Berkeley, with Michael S. Park (co-instructor)
- 2005 Graduate student instructor, California Plant Life, Integrative Biology 102L, University of California, Berkeley; lead instructor, Dr. Dean Kelch
- 2004 Graduate student instructor, General Biology, Biology 1B, University of California, Berkeley
- 2002 Teacher's assistant, Field Botany, University of Utah; instructor, Dr. Lynn Bohs
- 2001 Teacher's assistant, Field Botany, University of Utah; instructor, Dr. John Sperry

## FIELD EXPERIENCE

- 2014 Botanical exploration in Western Cape Province, South Africa (*Anacampseros*) with Dr. Ernst van Jaarsveld and CapeNature field biologists
- 2012 Botanical exploration in Greece, Albania, and the Alps during research on *Minuartia* section *Laricifoliae*
- 2011 Botanical exploration in the Alps during research on *Minuartia laricifolia* and *M. capillacea*
- 2010 Botanical exploration in California during research on *Grindelia* and other plants
- 2009 Botanical exploration in Argentina during research on *Grindelia* and *Senecio*, with Drs. Roberto Tortosa and Adriana Bartoli (Universidad de Buenos Aires) and in California and Utah during studies of *Grindelia* and other plants
- 2006 Botanical exploration in the western states during research on *Grindelia*, Filagininae, and other plants
- 2005 Botanical exploration in the western states during research on *Grindelia* and other plants
- 2004 Botanical exploration in Utah
- 2003 Botanical exploration in Utah
- 2002 Botanical exploration in Utah, Nevada, and California during research on *Balsamorhiza*, *Wyethia*, and other plants

- 2001 Botanical exploration in Utah and Idaho during research on *Balsamorhiza*, *Wyethia*, and other plants
- 2000 Botanical exploration in Utah during research on *Balsamorhiza*, *Wyethia*, and other plants

## PUBLICATIONS

- 2014 Moore, A. J., W. L. Moore, and B. G. Baldwin. Genetic and ecotypic differentiation in a Californian plant polyploid complex (*Grindelia*, Asteraceae). *PLoS ONE* 9(4): e95656. doi:10.1371/journal.pone.0095656.
- 2013 Moore, A. J., D. Merges, and J. W. Kadereit. The origin of the serpentine endemic *Minuartia laricifolia* subsp. *ophiolitica* by vicariance and competitive exclusion. *Molecular Ecology* 22:2218-2231. doi:10.1111/mec.12266
- 2013 Moore, A. J. and J. W. Kadereit. The evolution of substrate differentiation in *Minuartia* series *Laricifoliae* (Caryophyllaceae) in the European Alps: in situ origin or repeated colonization? *American Journal of Botany*. 100:2412-2425.
- accepted Moore, A. J. *Balsamorhiza*. In *Flora of Oregon*.
- accepted Moore, A. J. *Wyethia*. In *Flora of Oregon*.
- 2012 Moore, A. J. *Grindelia*. Pp. 336-337 in B. G. Baldwin et al. (eds.), *The Jepson Manual: Vascular Plants of California*, ed. 2. University of California Press, Berkeley.
- 2012 Moore, A. J. and L. T. Dempster. Valerianaceae. In B. G. Baldwin et al. (eds.), *The Jepson Manual: Vascular Plants of California*, ed. 2. University of California Press, Berkeley.
- 2012 Moore, A. J., A. Bartoli, R. D. Tortosa, and B. G. Baldwin. Phylogeny, biogeography, and chromosome evolution of the amphitropical genus *Grindelia* (Asteraceae) inferred from nuclear ribosomal and chloroplast sequence data. *Taxon* 61:211-230.
- 2009 Molecular Ecology Resources Primer Development Consortium et al., 2009. Permanent genetic resources added to Molecular Ecology Resources database 1 January 2009—30 April 2009. *Molecular Ecology Resources* 9:1375-1379.
- 2007 Moore, A. J. and L. Bohs. Phylogeny of *Balsamorhiza* and *Wyethia* (Asteraceae: Heliantheae) using ITS, ETS, and *trnK* sequence data. *Systematic Botany* 32: 682-691.
- 2004 Robinson, H. and A. J. Moore. New species and new combinations in *Rhysolepis* (Heliantheae: Asteraceae). *Proceedings of the Biological Society of Washington* 117: 423-446.
- 2003 Moore, A. J. and L. Bohs. An ITS phylogeny of *Balsamorhiza* and *Wyethia* (Asteraceae: Heliantheae). *American Journal of Botany* 90: 1653-1660.

## PROFESSIONAL AFFILIATIONS

American Society of Plant Taxonomists  
Botanical Society of America  
California Botanical Society  
International Association for Plant Taxonomy  
Society for the Study of Evolution  
Utah Native Plant Society

## PROFESSIONAL SERVICE

2008-2010 Co-coordinator of Integrative Biology-Women in Science group  
2007-2010 Volunteer for the PlantingScience program of the Botanical Society of America (online mentoring of middle- and high-school students)  
2006-2008 Graduate Student Representative for the California Botanical Society

## AWARDS AND HONORS

2004-2009 Berkeley Fellowship, University of California, Berkeley  
2005 Presentation award (1 of 4) for the 21<sup>st</sup> California Botanical Society Graduate Student conference  
2004 Young Botanist Award, Botanical Society of America  
2004 College of Science Research Scholar Award, University of Utah  
2002-2004 Goldwater Scholarship  
2002 First place for ecology/evolution presentation at University of Utah Bioscience Symposium for Undergraduate Research  
2001 Third place for poster at University of Utah Bioscience Symposium for Undergraduate Research  
2000 First Year Chemistry Achievement Award  
2000 Lloyd E. Malm Award (a chemistry department award)  
1999-2004 Dean's List

## GRANTS

2009 \$3,500 from the Lawrence R. Heckard Endowment Fund of the Jepson Herbarium for "Population Genetic Study for California *Grindelia*"  
2009 \$300 Travel Award from the Graduate Assembly of the University of California, Berkeley to attend the Botany 2009 conference in Snowbird, Utah  
2008 \$3,500 from the Lawrence R. Heckard Endowment Fund of the Jepson Herbarium for "Population Genetic Study for California *Grindelia*"  
2008 \$2,600 Gray Endowment Summer Research Fellowship from the Department of Integrative Biology, University of California, Berkeley  
2007 \$3,500 from the Lawrence R. Heckard Endowment Fund of the Jepson Herbarium for "Microsatellite Development for California *Grindelia*"  
2007 \$1,500 Integrative Biology 2007 Summer Research Grant  
2007 \$850 American Society of Plant Taxonomists Graduate Research Grant

- 2006 \$3,000 from the Lawrence R. Heckard Endowment Fund of the Jepson Herbarium for “Investigations in California Compositae”  
2006 \$1,000 Integrative Biology 2006 Summer Research Block Grant

### CONFERENCE PRESENTATIONS

- 2014 Moore, A. J., J. M. de Vos, and E. J. Edwards. Phylogeny of the Portulacineae using targeted sequence capture. Botany 2014 (talk).
- 2014 Moore, A. J., J. M. de Vos, and E. J. Edwards. Examination of photosynthetic genes across the Portullugo using NGS targeted sequence capture. Systems Biology and Ecology of CAM Plants symposium (poster).
- 2014 Moore, A. J. and E. Edwards. Phylogenetic investigations in the Anacampserotaceae. AETFAT 2014 (poster).
- 2013 Moore, A. J. and J. W. Kadereit. In situ or ex situ origin of Alpine diversity: the evolution of soil preference in *Minuartia* series *Laricifoliae* (Caryophyllaceae). Botany 2013 (talk).
- 2013 Moore, A. J. and J. W. Kadereit. Evolution of soil preference in the Alpine and Balkan *Minuartia* series *Laricifoliae* (Caryophyllaceae). BioSystEU (talk).
- 2012 Moore, A. J., D. Merges, and J. W. Kadereit. The origin of the serpentine endemic *Minuartia laricifolia* subsp. *ophiolitica*. German Botanical Society (poster).
- 2011 Moore, A. J., W. L. Moore, and B. G. Baldwin. Population structure in autotetraploid *Grindelia* of the California Floristic Province. BioSystematics Berlin 2011 (talk).
- 2010 Moore, A. J. and B. G. Baldwin. Biogeography and evolutionary history of *Grindelia* (Asteraceae: Astereae). Botany 2010 (talk).
- 2010 Moore, A. J. Amphitropical dispersal and the origin of *Grindelia* (Asteraceae: Astereae). California Botanical Society graduate student symposium 2010 (talk).
- 2009 Moore, A. J., W. L. Moore, and B. G. Baldwin. Habitat specialization in California Floristic Province *Grindelia*. Botany 2009 (talk).
- 2008 Moore, A. J. and B. G. Baldwin. Phylogeny and biogeography of *Grindelia* (Asteraceae: Astereae). Botany 2008 (talk).
- 2006 Moore, A. J. and B. G. Baldwin. A molecular phylogeny of North American *Grindelia* (Astereae). Systematics and Evolution of the Compositae (poster).

### INVITED PRESENTATIONS

2010

Adventures in the Study of Gumplants. Santa Rosa Junior College, California.