

Eli Balderas

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RESEARCH INTERESTS:

To work on the conservation of both plants and lichen by understanding the distribution and abundance of rare and threatened species. In addition to this understanding, I am interested in restoration efforts such as propagation of those species and recovery assessment.

EDUCATION:

University of California Santa Barbara-

Bachelor of Science in Environmental Studies - (June 2019)

Minor in Feminist Studies

GPA: 3.53

EXPERIENCE:

Santa Barbara Botanic Garden-

Herbarium Curatorial Assistant - (June 2019 - Present)

Santa Barbara Botanic Garden-

Research Assistant - (June 2018 - Present)

Cheadle Center for Biodiversity and Ecological Restoration-

Plant Collector - (April 2019 - June 2019)

Cheadle Center for Biodiversity and Ecological Restoration-

Field Assistant - (April 2017 - June 2017 & April 2018 - June 2018)

SKILLS:

R-

Morphometric analyses (PCA, box-and-whisker, ANOVA)

Plant Identification-

Used *Jepson Manual* to key plants to the species level.

Used multiple lichen identification guides to key lichens to genus and species levels.

Field Work-

Collected 53 CA native plants and lichen.

Collected insects for pollinator study.

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SKILLS: (continued)

Herbarium Curation-

Familiar with data entry into Symbiota.

Mounted herbarium specimens.

Imaged specimens through an National Science Foundation funded grant.

Assisted in organization and integration of NPS specimens into the herbarium.

Filed specimens into the herbarium.

RESEARCH:

Balderas, E., K. Hasenstab-Lehman, C.M. Guilliams. Evaluating the circumscription of varieties of the seaside fiddleneck *Amsinckia spectabilis* (Boraginaceae) using morphometric analysis of fruit characters. Botany 2019, a joint meeting of the Botanical Society of America, the American Fern Society, the American Society of Plant Taxonomists, the International Association for Plant Taxonomy, the Society of Herbarium Curators, the American Bryological and Lichenological Society, and the Arizona Native Plant Society, Tucson, AZ, July 27-31, 2019.

HONORS & AWARDS:

Poster Session Co-Winner-

45th Annual Southern California Botanists Symposium (Oct. 5, 2019)

PROFESSIONAL AFFILIATIONS:

Member- 2019-2020

Southern California Botanists

Member- 2019

American Society of Plant Taxonomists

Member- 2020-2021

The California Lichen Society