

# TARA DE QUEIROZ

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## Summary

Science writer and copyeditor with a background in plant ecology research.

## Education

### ***Ph.D. in Environmental, Population and Organismic Biology, University of Colorado, Boulder CO 2003***

Published as first author in journals including *Evolution*, *Oecologia*, and *American Journal of Botany*.

### ***B.A. in Plant Ecology and Conservation Biology, Hampshire College, Amherst MA 1994***

Wrote senior thesis on seedling establishment in alpine tundra.

## Experience

### ***Alpine Writing and Editing, LLC (Reno, NV)***

Owner / 2023-present

Copyediting books for American Public Health Association Press. Copyediting fact sheets for UNR School of Public Health. English language editing of scientific manuscripts for Edanz and Wordvice.

### ***USFS Rocky Mountain Research Station (remote)***

Contract Researcher / 2022-2023

Acquired and managed data on future climate scenarios to forecast viability of populations of the Las Vegas Bearpoppy. Assisted with population viability analysis. Wrote reports to USFWS. First author of paper on Las Vegas Bearpoppy, published in *Ecology and Evolution*.

## **University of Nevada, Reno (Reno, NV)**

*Research Associate / 2015-2021*

Conducted research on growing native plant seeds for use in restoration. Supervised field assistants. Presented research at national and regional meetings. Wrote grant proposals and reports to federal agencies. Published research in *Native Plants Journal*.

## **USDA Agricultural Research Service (Reno, NV)**

*Scientist, GS-13 / 2007-2011*

Conducted research on native plants and restoration. Supervised field assistants. Managed large datasets. Collaborated with university and federal research partners. Presented research at national and regional meetings. Wrote grant proposals and reports to federal agencies. Authored research papers.

## **The Nature Conservancy of Nevada (Ely, NV)**

*Project Ecologist / 2003-2007*

Conducted research on native plants and restoration. Supervised field assistants. Collaborated with BLM and USFS partners. Presented research at national and regional meetings. Wrote grant proposals and reports to federal agencies. Authored research papers.

## **University of Colorado (Boulder, CO)**

*Teaching Assistant / 1997-2001*

Taught labs for courses in plant biology and evolution. Occasional lecturer.

## **Volunteer work**

### ***Freedom to Read Nevada, 2023-present***

Working collaboratively with other volunteers to promote freedom to read in Washoe County. Drafting talking points for public comment for meetings of County Commission and Library Board. Creating social media posts. Assisting with event planning, fundraising, and voter education.

## **Select Publications**

de Queiroz, T, and Meyer, SE. 2023. Long-term seed bank persistence in a stochastic desert environment. *Ecology and Evolution* doi: 10.1002/ece3.9924

de Queiroz, T, Swim, S, Turner, PL, and Leger, EA. 2021. Creating a Great Basin native annual forb seed increase program: lessons learned. *Native Plants Journal* 22(1):90-102.

Leger, EA, Goergen, EM, and de Queiroz, TF. 2014. Can native annual forbs reduce *Bromus tectorum* biomass and indirectly facilitate establishment of a native perennial grass? *Journal of Arid Environments* 102:9-16.

de Queiroz, TF, Baughman, C, Baughman, O, Gara, M, and Williams, N. 2012. Species distribution modeling for conservation of rare, edaphic endemic plants in White River Valley, Nevada. *Natural Areas Journal* 32(2):149-158.

Forbis [de Queiroz], TA. 2010. Germination phenology of some Great Basin native annual forb species. *Plant Species Biology* 25(3):221–230.

Baughman, C, Forbis [de Queiroz], TA and Provencher, L. 2010. Response of two sagebrush sites to low-disturbance, mechanical removal of piñon and juniper. *Invasive Plant Science and Management* 3(2):122-129.

Forbis [de Queiroz], TA., 2009. Negative associations between seedlings and adult plants in two alpine plant communities. *Arctic, Antarctic, and Alpine Research* 41 (3):301-308.

Forbis [de Queiroz], TA, Provencher, L, Turner, L Medlyn, G, Thompson, J, and Jones, G. 2007. A method for landscape-scale vegetation assessment: Application to Great Basin rangeland ecosystems. *Rangeland Ecology and Management* 60(2):209-217.

Forbis [de Queiroz], TA, and Doak, DF. 2004. Seedling establishment and life history tradeoffs in alpine plants. *American Journal of Botany* 91(7):1147-1153.

Forbis [de Queiroz], TA, Larmore, J, and Addis, E. 2004. Temporal patterns in seedling establishment on pocket gopher disturbances. *Oecologia* 138:112-121.

Forbis [de Queiroz], TA. 2003. Seedling demography in an alpine ecosystem. *American Journal of Botany* 90(8):1197-1206.

Forbis [de Queiroz], TA, Floyd, SK, and de Queiroz, A. 2002. Evolution of embryo size in angiosperms and other seed plants: implications for the evolution of seed dormancy. *Evolution* 56:2112-2125