

**JASNA HODŽIĆ, PhD**  
[jhodzic@uw.edu](mailto:jhodzic@uw.edu), (408)-386-0161

---

## EDUCATION

**University of Washington**, Seattle, WA

PhD School of Environmental and Forest Sciences, January 2017-June 2021

National Science Foundation Graduate Research Fellow

Dissertation: "Bridging the physiology and ecology of root hemiparasitic plants"

Committee: Profs. Jonathan D. Bakker, Soo-Hyung Kim, Dick Olmstead and Dr. Ian Pearse, USGS

**University of California, Davis**, Davis, CA

BS, *summa cum laude*, Wildlife, Fish and Conservation Biology, September 2009-June 2014

BA, *summa cum laude*, Spanish, September 2009-June 2014

Study abroad: Universidad de Barcelona, January 2013-September 2013

**University of Massachusetts**, Boston, MA

Spanish/English Translation Certificate, September 2017-May 2018

---

## SELECTED GRANTS

National Science Foundation Graduate Internship Program	\$5,000	2019
National Science Foundation Graduate Research Fellowship	Full tuition, \$34,000 annual stipend	2018-2021
Elisabeth Carey Miller Scholarship in Horticulture	\$1,500	2017
Byron and Alice Lockwood Fellowship, University of Washington	Full tuition and stipend	2017-2018
John L. Horn International Climbing Grant, American Alpine Club	\$1,500	2014
University of California Regents Scholarship	\$8,000	2019-2013

---

## SCHOLARLY PUBLICATIONS

*In review*: Hodzic, J., Pearse, I., Beaury, E., Corbin, J., Bakker, J. Root hemiparasitic plants are associated with more evenness in communities across North America. *Ecology*.

Li, W., Hodzic, J., Su, J. et al. A dataset of plant and microbial community structure after long-term grazing and mowing in a semiarid steppe. *Scientific Data* 7, 403 (2020). <https://doi.org/10.1038/s41597-020-00738-1>

---

## ADDITIONAL PUBLICATIONS

"Dr Danny Haelewaters – Shining New Light on the Complex World of Fungi, *Scientia*,

<https://doi.org/10.33548/SCIENTIA728>

"Fueled by the Mastery Mindset", *Gnarly Nutrition*, April 2021

"Longevity in Sport: Projecting", *Gnarly Nutrition*, November 2020,

"Filling the Void", *Gnarly Nutrition*, September 2020,

"An Energy Mismatch: My Experience with RED-S (Female Athlete Triad)", *Gnarly Nutrition*, March 2020

Various photographs and essays for *The San Francisco Chronicle* as an intern, summer 2013

---

## SELECTED PRESENTATIONS-

"Root Hemiparasitic Plants are Associated with Increased Evenness in Plant Communities across North America", Ecological Society of America 2021 Conference (August 2021)

"Root Hemiparasitic Plants Correlated with Increases in Community Richness and Evenness on a National Scale", 2021 Washington Botanical Symposium

“Leaf Mineral Nutrition of Hemiparasites and their Host” (Poster), Ecological Society of America 2020 Conference

Hemiparasitism in *Castilleja* – Graduate School Student Symposium, University of Washington, 2018

“Hemiparasitism in *Castilleja*” – Host Preference and Ecological Impact”, Department of Natural Resources, Olympia, WA, 2018

---

## TEACHING AND MENTORSHIP EXPERIENCE

---

Teaching Assistant, Plant and Animal Physiology, University of Washington, Seattle. Summer 2019.

Received 4.8/5.0 teaching evaluation score

Volunteer teaching assistant Plant Identification and Classification, University of Washington, Spring 2018

Mentor Erin Weisman undergraduate senior capstone project: “Effects of parasitism and phosphorous enrichment on *Castilleja levisecta*”, Spring 2018

---

## SKILLS

---

Proficient in statistical analysis and software (R) including multivariate statistical analysis

Adobe Creative Suite, particularly Photoshop, InDesign, Illustrator and Lightroom

Microsoft Word, Excel, PowerPoint, Access, and Outlook

Basic use of Geographic Information Systems and related software (ArcMap 10, R spatial packages)

Fluency in oral and written Spanish. Intermediate oral and written (Latin) Serbo-Croatian

---

## RELATED PROFESSIONAL EXPERIENCE

---

### Freelance Writer and Spanish/English Translator

June 2019 – current

- Translator with specialties in academic text, outreach material, storytelling pieces and conducting website localization.
- Freelance writer and editor with experience writing and editing blogs and articles as well as scientific manuscripts and theses.
- Currently an active freelance writer for Science Diffusion, publishers of *Scientia*

### Science Communications Intern, Ecological Society of America (ESA)

Aug. 2020 – Dec. 2020

- Assist in the process of finalizing the US National Vegetation Classification (USNVC) plan
  - Lead content creation in alignment with the communication plan’s tactics and messaging, in the plan’s initial implementation
- Participate in calls of the Panel on Vegetation Classification and the ESA Education and Outreach Subcommittee

### Restoration Worker, Yosemite National Park, California

June 2016 – Oct. 2016

- Worked as part of a crew on vegetation management projects in wilderness and front country areas, meadows, and riverbanks of Yosemite National Park.
- Backpacked for up to 8 days in inclement weather carrying heavy loads for up to 10 hours a day
- Utilized GPS technology to survey, maintain and restore backcountry campsites to wilderness regulation standards.
- Surveyed for rare native plants
- Worked with volunteer groups, including groups with children, staff and interns
- Interacted with visitors and informed them about project goals and techniques

### Restoration Technician, Golden Gate National Parks Conservancy, San Francisco, CA

Nov. 2014. – Jan. 2016

- Performed habitat restoration and vegetation management activities to support park projects and initiatives within the Golden Gate National Recreation Area

- Experience writing work-day summaries and assuming the role as a site-lead of a crew of four
- Used to performing repetitive often physical tasks in a variety of climate conditions
- Identified native and non-native flora
- Measured vegetation cover and biomass using quantitative and qualitative methods
- Interacted often with visitors and informed them of project purposes and goals

**Photography Editor and Journalist**, *The California Aggie*, Davis, CA Jan. 2010 - Jan. 2013

- Managed all photography content for the University of California, Davis student-run newspaper, *The California Aggie*. Hired a staff of seven photojournalists and held regular meetings. Wrote and implemented the photography budget plan. Edited all photographs for print. Contributed photographic content to the paper. Played an active role on the editorial board.

**Photojournalist**, *San Francisco Chronicle* San Francisco, CA June 2010-Oct. 2010

- Served as a photojournalist intern. Worked full-time on a variety of assignments. Pitched, photographed, and wrote several independent pieces.

## SELECTED AFFILIATIONS

---

American Alpine Club, 2013–present

Access Fund, 2016–present

Washington Native Plants Society, 2017–present

Washington Climber’s Coalition, 2017–present

Northwest Translators and Interpreters Society, 2017–present

ProZ Translator’s Network, 2018–present

Ecological Society of America, 2020–present