

Haley Burrill

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EDUCATION

Evolution and Ecology Department, Kansas University

August 2018 – present
Masters in EEB, Bever lab

Evolution and Ecology Department, University of California at Santa Cruz

September 2013 – June 2017
B.S. in Plant Sciences, GPA 3.37

AWARDED ACHEIVEMENTS

Honors in Senior Thesis Research, UC Santa Cruz (June 2017)

Undergraduate thesis research paper -
Internal moisture density analysis in trees affected by plant pathogen Sudden Oak Death

Norris Center Student Grant, UC Santa Cruz (May 2015)

Awarded to A. Horvath, K. Stevenson, B. Charles, H. Burrill

RELEVANT EXPERIENCE

Botany Technician, Great Basin Institute

April 2018 – August 2018
Vegetation surveys of host and larval plants for endemic butterflies of Spring Mountains

Invasive Species Removal, Utah Conservation Corps

August 2017 – November 2017
Chainsaw and hack-and-squirt field work in the Escalante Watershed

Environmental Sciences Lab Technician, Dr. Greg Gilbert

December 2016 – August 2017
Data entry, field data collection, Treetric tree scans

Continuous Forest Inventory Crew Lead, UCSC Campus Natural Reserve

January 2017 – June 2017
Supervised various forestry plot measurements

California Ecology and Conservation Student, UC Natural Reserve System

September 2016 – November 2016
50-day intensive field research immersion, undertaken in wilderness areas across CA

Nursery Assistant, UC Santa Cruz Arboretum

June 2015 – September 2016
Tasks include transplanting, potting, weeding, watering, fertilizing

Tomography Data Volunteer, Dr. Gregory S. Gilbert Lab

January 2016 – June 2016
Use of tomography equipment on mixed evergreen trees, data entry

Herpetology Census Intern, UC Santa Cruz Campus Reserves

January 2015 – August 2015
Herpetofauna ID and handling, data entry

Forest Ecology Research Plot Intern, UC Santa Cruz Campus Reserves

April 2014 – June 2014
Mixed Evergreen forest plant ID, plant measurement and data entry for plot census

OTHER SKILLS

- training & experience in a variety of field sampling methods & protocols
 - quality control, experimental design, statistical analysis, graphing
- fluent in Microsoft Office, JMP statistical software, & Rstudio
- able to use a dichotomous key
- experience in laboratory and nursery work
- able to work in various weather conditions, rugged terrain, and poison oak
- can drive 4X4
- utilization of maps/GPS units in & out of the field