

2 LEAD FIELD BOTANIST POSITIONS

Project: Vegetation Mapping of the Klamath Mountains Ecoregion

Faculty: Dr. Lucy Kerhoulas (Forestry), Dr. Rosemary Sherriff (Geography), & Dr. Erik Jules (Biology)

Duration: 14 weeks: May 13 – August 14, 2024

Hours: 40 hours a week (full-time) generally worked in 10-hr shifts

Wage: \$25/hr; if work overtime in field as 10-hr shifts, totals to \$28/hr

Location: Based out of Arcata, CA with fieldwork throughout the Klamath Mountains Ecoregion

Job Description:

We are looking for two motivated lead botanists to help graduate students with fieldwork and associated lab work this summer. This project is a collaboration with the California Native Plant Society (CNPS) and the California Department of Fish & Wildlife and aims to extensively survey and map vegetation in the Klamath Mountains Ecoregion. Fieldwork will entail navigating to plots, hiking through rugged terrain, identifying plants, collecting a variety of vegetation data and samples, and various other lab-related tasks (e.g., data entry, gear maintenance, plant identification, herbarium mount preparations). Botany leads will work closely with graduate student crew leaders who will coordinate and organize day-to-day activities; undergraduate students will also be on the field crews. Rental vehicles and fuel expenses will be covered for all work-related travel. These positions will be based out of Arcata, CA, with overnight camping in the Klamath Mountains throughout the work week. We will provide training for specific data collection methods, though experience taking standard botanical surveys is preferred. This work will likely involve backpacking to remote locations.

Desired Qualifications:

- At least an undergraduate degree in Botany or a related field
- Attention to detail, strong work ethic, and ability to follow protocols
- Enthusiasm, ability to go with the flow (there are lots of unknowns with this work), and a positive attitude
- Ability to work well with others in remote field settings for extended periods of time
- Ability to hike long distances in rugged terrain with a heavy backpack (30-40 pounds)
- Ability to work long days under physically challenging conditions (e.g., heat, steep slopes)
- Ability to navigate using maps and GPS
- Prior botany field experience
- Experience identifying plants and ability to use a dichotomous key (i.e., The Jepson Manual)
- Experience using Survey123 and performing data quality checks
- Experience with relevée and rapid assessment vegetation surveys
- Experience working in herbaria
- Experience camping and ideally backpacking
- Wilderness First Aid or other related medical training, or willingness to take a course this Spring
- Access to basic personal camping equipment (e.g., tent, sleeping bag, backpack, flashlight)
- Ability to camp multiple nights in a row (might work four days on / three days off or eight days on / six days off)
- Valid driver's license and agreement to complete Defensive Driver Training prior to job start
- Experience driving 4WD vehicles on mountainous, dirt, rural roads

- Desired coursework: Plant Taxonomy, Plant Ecology, Applied Natural History & Ecology, Wildland Plant Communities, geospatial analysis (or equivalents)

To Apply: Email (as a single PDF or Word document): 1) a brief letter of interest (clearly state relevant education, experience, and interest in the position), 2) your resume (including complete contact information), 3) the names and contact information of two references, and 4) unofficial transcripts to Lucy Kerhoulas (lucy.kerhoulas@humboldt.edu) by **February 19th**. We are committed to hiring people who reflect the diversity of California residents.