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National Council for Air and Stream Improvement, Inc.

Job Description

Position:	Wildlife Biologist I – Pollinator (1-5 positions)
Reports to:	Sr. Research Scientist – Western Forest Wildlife Ecologist
Work Week:	Exempt position; 40+ hours per week to meet work demands
Revised:	January 22, 2023
Duty Station:	Northern California and/or Western Oregon (TBD)
Duration:	Position dependent: as early as April 17 – September 30, 2023
Salary Range:	\$3,000 - \$3,350 per month; commensurate with experience; housing not provided
Key Words:	Pollinator, botanical survey, plant identification, vegetation
Benefits:	Position not eligible for benefits, does provide paid designated holidays

Field surveys on pollinators and flowering plants in forested Oregon and California. Recent declines in many pollinator populations have led to an increase in focused research and conservation efforts. However, there is limited information on the potential effects of forest management on pollinator populations, and the studies that do exist tend to be limited in both geographic and taxonomic scope. Our objectives will be to 1) collect information on pollinator species occurrence and richness in stands that differ in age, previous fire severity, and distance within high severity forests, 2) combine pollinator and botanical surveys to identify specific plants that bees and hoverflies are using within stands that differ in age, and 3) use genomic methods (e.g., parasites, DNA metabarcoding on pollen loads) isolated from hand-netted bees to reveal a more detailed record of individual- and species-level foraging behavior and health. Primary duties of crew members will consist of collecting pollinators using a variety of techniques in managed forest stands and in areas that were recently burned, quantifying floral resources, sorting bees, and entering data.

Essential Job Functions:

1. Use forest survey equipment (e.g., hypsometers, GPS) to collect detailed vegetation/habitat measurements and information at multiple study sites.
2. Position will require working outdoors in inclement weather, often in recently harvested forest stands. Must be able to carry heavy gear (30+ lbs.) on steep slopes with challenging field conditions. Must be able to get to and work from several remote locations throughout Oregon, drive unimproved forest roads, read maps, navigate through a forested landscape, and relate well with the public.
3. Gather data using specific protocols, enter in either phones, tablets or Excel.
4. Willingness to have a flexible work schedule and travel between study locations. The ability to camp outdoors overnight at designated camp sites is required.
5. Demonstrate an ability to work effectively with others toward meeting the goals of the National Council of Air and Stream Improvement, Inc. (NCASI).
6. Develop a familiarity with NCASI's mission, policies, practices, and procedures.

7. Become acquainted with the environmental issues of the forest products industry.
8. Read, absorb, process, and communicate complex information.

Additional Responsibilities and Requirements:

1. Undertake additional activities as assigned by Supervisor.
2. Follow all COVID safety protocols.
3. Provide proof of full COVID vaccination.

Minimum Qualifications:

1. Knowledge of Pacific Northwest plants, including tree, shrub and forb species.
2. Prior experience with insect collection (e.g., netting bees) and sampling pollinators in a field setting.
3. Experience identifying plants using field guides such as Pojar and MacKinnon (2004) and taxonomic keys like Hitchcock and Cronquist (1973).
4. Senior standing as an undergraduate (>3 years college education and >2 seasons prior field work) or a degree in a biological sciences discipline or related environmental field with a focus on entomology, animal ecology, or botany.
5. Must have driving record which can be approved by Federal Agencies to drive government vehicles and be insured at standard rates.
6. Basic data entry experience (Microsoft Excel).

Preferred Qualifications:

1. Prior land navigation and field experience.
2. Successful applicants will be self-motivated, have a strong work ethic, and be able to work harmoniously in a group living situation.
3. Track record of working in a safe, efficient, and cooperative manner in a team setting.
4. Knowledge of bees and/or hoverflies in the Oregon coast range.

To Apply: Please send cover letter, resume, and 3 references with phone numbers and e-mail addresses to: Laurie Clark, NCASI, 8769 Hwy 42, Tenmile, OR 97481, preferably delivered electronically to: lclark@ncasi.org with "Pollinator Crew Application – Bio 1" in the subject line. Applicant review will begin February 2023 and continue until the position is filled. NCASI is an equal opportunity employer.