

**Job Classification: Seasonal On-Call Botanist (Sub-Contracted or On-Call Employee)**

Mosaic Ecology is a natural resource management contracting and consulting firm with offices in Portland and Cornelius OR. We are looking to form working relationships with experts in the botanical sciences to contribute to various vegetation survey and monitoring projects. Project selection is to be determined by pending or future proposals. Applicants should have advanced plant identification skills, experience with several monitoring methods, ability to self-manage, and be able to lead a small team of 1-3 technicians. The applicant will also assist in training current Mosaic employees and implementing methodology for vegetation monitoring. The position is approximately 90% field based, with work focused in The Portland Metro Area, Columbia River Gorge, Washington Co, and possibly The Coast. Work is not guaranteed and is dependent on pending proposals.

**Preferred Qualifications**

- Bachelors or higher in Botany, Plant Ecology, Environmental Science, Biology, or similar field;
- At least five years experience as a botanist or botanical technician;
- At least eight upper-division credits in systematics and taxonomy for vascular or non-vascular plants;
- Demonstrates ability to lead a team of up to three in the field;
- Experienced in vegetation monitoring, shade monitoring, and stream measurements;
- Demonstrated plant identification skills with PNW flora;
- Advanced knowledge of Oregon and Washington plant communities and habitat types;
- Ability to use a dichotomous key;
- Able to safely navigate remote areas using maps and GPS;
- Ability to use a 35 mm or digital camera;
- Demonstrates the ability to work independently or as part of a team;
- Available starting 4/1/24 until 10/1/24. Period may be extended based on need.

**Job Responsibilities:**

- Conduct vegetation and shade monitoring by applying a variety of methodologies;
- Identify plants to terminal taxa with use of dichotomous keys;
- Collect reliable and accurate field data via tablet or notebook;
- Collect and catalog voucher specimens;
- Use tablets, topographic maps, aerial photographs, to navigate and determine plot locations;
- Use a variety of field programs to collect geospatial data;
- Conduct surveys by foot, vehicle, or boat;
- Work long hours in adverse weather conditions;
- Lead a team of one to three botanical technicians, or work independently as needed;
- Hike up to ten miles per day;
- Develop and improve internal monitoring protocols;
- Lead a technician or small team;
- Potentially be willing and able to conduct overnight trips;
- Contribute to a positive and safe working environment;
- Communicate daily with the Natural Resource Scientist,

**Skills Requirements**

- Ability to communicate effectively with people from diverse backgrounds;
- Excellent organizational and data management skills;
- Excellent plant identification skills;
- Extensive knowledge of native and non-native plant species;
- Ability to utilize ESRI Field Maps, Google Suite, mobile tablets, various GPS receivers, and other forms of software/hardware for data collection in the field;
- Ability to efficiently utilize office time and work independently in the field;
- Excellent spatial awareness and ability to interpret maps while off trail and out of cell service;
- Good driving record.

**Schedule and Benefits:**



- Work-Week: 0-40 hours per week (Scheduling to be determined based on weather and work needs.)  
Overtime may be regularly required to complete record keeping and driving responsibilities.
- This is a seasonal on-call position from 4/15/24 to 10/1/24.
- Wage: \$27-30/hour based on experience.
- Paid Time Off: 120 hours per calendar year.

Interested applicants should submit a resume and three references by e-mail to [Admin@MosaicEcology.Com](mailto:Admin@MosaicEcology.Com) with the subject line reading "On-Call Botanist" by 3/6/24.