

COLORADO NATURAL HERITAGE PROGRAM
Position Announcement

TITLE: Botany Field Technician - Research Associate I
NUMBER OF POSITIONS: 1 (temporary)
WORK LOCATION: Colorado Springs, Colorado
PAY RATE: \$16-\$20/hour depending on experience and qualifications
DURATION: 4 months (approx. mid-May through mid-September 2018)

Position Description:

The Colorado Natural Heritage Program (CNHP) seeks an experienced botany field technician to map 20+ noxious weed species at the U.S. Air Force Academy in El Paso County, Colorado. This mapping effort will contribute to CNHP's 17th season of weed mapping and monitoring at the Academy. The position requires field botany and basic GIS skills. The successful candidate will be able to use dichotomous keys or field guides to correctly identify weed species, and have the necessary technical skills to use GPS and ESRI's ArcPad and ArcGIS software to accurately map and attribute weed locations.

This position provides an excellent opportunity for a botany technician to contribute to our current knowledge of invasive species and the best management practices for containing them. The successful candidate will perform field work daily, mapping weeds on approximately 300 acres/day using a GPS through ESRI's ArcPad software on a Trimble Yuma tablet. Technician will be responsible for integrating GPS data with a file geodatabase in ArcGIS at the end of each field day and backing up files on a desktop computer. Technician will perform quality control to ensure data are correctly uploaded in ArcGIS and will coordinate with CNHP staff on the progress of the project. Technician will perform other project related tasks and activities as needed.

Field work will be performed solo, although CNHP field crews will be on the base throughout the summer performing inventories for other projects. A desktop computer will be situated in the Natural Resources office at the U.S. Air Force Academy for data processing. A vehicle will be available to use on the Academy and lodging will be provided if needed. Weather is variable.

Minimum Qualifications:

- Bachelors Degree in botany, ecology, natural resources or related field
- Plant identification skills, especially Colorado noxious weeds
- One year experience with GPS
- One year field experience
- Demonstrated organizational, time management, and problem-solving skills; ability to handle complex tasks with a high degree of accuracy and attention to detail
- Ability to work independently with guidance
- Demonstrated experience in the operation of personal computers and typical office suite software
- Ability to perform duties in an outdoor environment with natural hazards and under all weather conditions
- Effective interpersonal, oral, and written communication skills, including ability to work with a diverse group of individuals and to maintain effective working relationships

Desirable Skills

- Experience using ESRI ArcPad and ESRI ArcGIS
- Experience using Tablet PCs

First consideration of applicants will begin April 9, 2018. Applications will be accepted until all positions are filled.

Application

To apply, please e-mail the following:

- (1) A cover letter of application
- (2) Resume
- (3) Name and daytime phone number for three references including one current or former supervisor to:

Amy Lavender Greenwell
Amy.Lavender@colostate.edu

Availability of positions contingent upon final approval of funding.

References will not be contacted without prior notification of candidates.

Colorado State University is committed to providing a safe and productive learning and living community. To achieve that goal, we conduct background investigations for all final candidates being considered for employment. Background checks may include, but are not limited to, criminal history, national sex offender search and motor vehicle history.

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