

# COLORADO NATURAL HERITAGE PROGRAM

## Position Announcement

<b>Title:</b>	Wildlife Monitoring Lead and Field Technicians – Research Associate
<b>Number of Positions:</b>	4 (temporary), 2 lead and 2 field research positions
<b>Work Location:</b>	Southeast Colorado: Fort Carson and Pinyon Canyon Maneuver Site
<b>Pay Rate:</b>	\$14-\$17/hour depending on experience and position Per diem when traveling beyond base location.
<b>Duration:</b>	Approximately 2 months (approx. mid-June through mid-August 2019)
<b>Application Close Date:</b>	First consideration of applicants will begin March 1, 2019. Applications will continue to be accepted until all positions are filled or until April 30, 2019, whichever comes first.

### Summary of Positions

Colorado Natural Heritage Program seeks 4 summer field technicians to use their knowledge of wildlife biology and ecology to conduct reptile inventories in southeastern, Colorado. Survey protocols will include random walks, coverboards, pitfall trapping, and occasional road surveys. Field schedules will usually consist of eight to ten days per two-week period, although specific hours and days worked are subject to change. Research technicians will be stationed near the survey locations in rented houses or will camp and will travel to and from the sites daily. This work entails traveling to remote locations and identifying reptiles based on personal experience. Reptile identification



skills are necessary. Specific study sites will be at Fort Carson and Pinon Canyon Maneuver Site, near Colorado Springs and Trinidad, Colorado. These positions will require extensive long days in the field and interaction with Department of Defense (DoD) staff. These positions may involve properly collecting and preparing specimens for identification when appropriate. The employment dates for these positions will be approximately from June 15, 2019 through August 15, 2019 and may vary depending upon the timing of surveys.

These positions provides an excellent opportunity for wildlife biologists eager to explore the mountainous terrain and Canyonlands of southeast Colorado. Pinon Canyon covers 100 miles of the Purgatoire River and its associated Canyonlands that include paleontological and archeological resources. The sites offer a diverse variety of habitats ranging from canyons, pinyon-juniper woodland, riparian floodplain systems, shortgrass prairie, piedmont grassland, desert shrubland, and gambel oak shrubland. PCMS includes extensive uplands and tributary drainages on the north side of the Purgatoire Canyon, which is the longest and deepest canyon system in eastern Colorado. Fort Carson spans the ecological transition zone from the foothills of Pikes Peak to the level ground of the Colorado Piedmont and has a series of low hogbacks and mesas of Late Cretaceous sedimentary bedrock.

### Duties:

1. Work with a partner to navigate using maps and GPS units to plot locations and inventory reptiles at pitfall sites, cover board locations, and using walking and/or road surveys. Requires ability to reliably identify reptiles native to the project area.
2. Maintain and repair field plot coverboard and pitfall arrays.
3. Reliably locate field plots, safely and efficiently access sites, complete field forms, operate and maintain field equipment, and effectively manage collected data.
4. Enter and maintain data in electronic formats (databases, spreadsheets, GPS, GIS).

5. Thoroughly document all fieldwork using field notebooks, survey forms, maps, GPS, and digital tablets and cameras.

**Minimum Qualifications:**

- B.S. degree in zoology, biology, natural resources, ecology, or related field experience (at least 2 years of field surveys) preferred.
- Ability to use an animal guide to identify animal species required,
- Ability to navigate in remote, areas using topographic maps, compass, and GPS required.
- Experience collecting quantitative and qualitative field data in remote settings required.
- Ability and willingness to navigate using 4WD vehicles and hike off-trail in remote areas over rugged terrain for much of the field season is required.
- Good physical condition with the ability to work long hours and unusual schedules, travel extensively during the field season, share living quarters in field housing and car camping, and potentially backpack and hike long distances while carrying a heavy pack required for all positions.
- Willingness and ability to work with a positive attitude in field conditions that include exposure to inclement weather, rugged terrain, hot weather (up to and above 100° F) and mosquitos all while maintaining a strong commitment to team safety required for all positions.
- Careful attention to detail and strong written and organizational skills to complete lengthy field forms required for all positions. Experience collecting data electronically using tablets or other devices preferred for all positions.
- Strong oral communication skills for professional interactions with DoD staff required for all positions.



- A valid driver's license required for all positions. Experience driving 4x4 vehicles on rough roads preferred.

**To apply, please e-mail the following: resume, cover letter, and three references (with phone numbers) to John Sovell at**

**[John.Sovell@colostate.edu](mailto:John.Sovell@colostate.edu)**. Please indicate if you would like to be considered for the Lead Technician.

Any skills or experience you have related to these projects should be noted in your resume and cover letter. Applicants for the Lead Technician Position are encouraged to apply early.

Reflecting departmental and institutional values, candidates are expected to have the ability to advance the Department's commitment to diversity and inclusion.

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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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Colorado State University is committed to providing an environment that is free from discrimination and harassment based on race, age, color, religion, national origin or ancestry, sex, gender, disability, veteran status, genetic information, sexual orientation, gender identity or expression or pregnancy. Colorado State University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce and complies with all Federal and Colorado State laws, regulations, and executive orders regarding non-discrimination and affirmative action. The Office of Equal Opportunity is located in 101 Student Services.