

POSITION DESCRIPTION

Position:	Conservation Natural Resource Technician
Department:	Conservation
Reports To:	Wildlife Biologist
Desired Availability:	May 25 – August 24

Philmont Standards

- Must be at least 18 years of age by start of employment; some positions require a minimum age of 21 by start of employment
- Must become a registered member of the Boy Scouts of America at the start of employment and subscribe to the Scout Oath, Scout Law, and Declaration of Religious Principles
- Must provide a completed BSA Annual Health and Medical Record to the Infirmary upon arrival
- Must maintain a clean, well-groomed appearance and be willing to purchase required uniform parts to meet Philmont's uniform policy
- Must participate in designated staff training
- Must adhere to the policies and programs set forth by Philmont Scout Ranch management

Position Overview

Conservation Natural Resource Technicians (CNRT) assist the wildlife biologist with the implementation of Philmont's wildlife management plan. Under this management plan areas of focus include habitat/rangeland monitoring, wildlife census, restoration of natural systems, monitoring and treatment of invasive species and responding to wildlife concerns and incidents throughout Philmont's backcountry and base camp. Members of this division are expected to maintain communication with Philmont's seasonal department managers regarding the wildlife program. They collect information from many sources and compile data into a comprehensive end of season report. It is anticipated that members within this division will conduct training for staff/campers and will assist them with various natural resource projects on the ranch. Members of this division will also be expected to create content and deliver outreach programs that covers various aspects of the natural resource realm to staff and campers.

Primary Duties & Responsibilities

- Be an active participant during Conservation Training by remaining engaged, asking questions, and volunteering to help, as needed
- Demonstrate situational awareness in your worksite to ensure the welfare and safety of participants and staff
- Contribute to team success, sharing the responsibilities of daily crew operations with your coworkers
- Maintain a clean and organized office and workshop space
- Under the direction of the Wildlife Biologist, establish performance goals for the summer
- Prepare/utilize educational material to convey Philmont's bear procedures, wildlife awareness, and invasive species identification/treatment, and be ready to deliver that information in a clear and concise manner
- Maintain data and records in the database in an organized fashion
- Become familiar with the use of GPS units and mapping ArcGIS

- Become an expert in safe and proper storage of smellables in the backcountry to reduce the risk of bears in camp
- Maintain the pesticide storage facility in a clean, organized manner
- Use pesticides legally, in accordance with the instructions printed on their labels
- Keep detailed pesticide application records, in accordance with state and federal law
- Become proficient in the identification of species (invasive/native flora and fauna) on the Ranch
- Know and teach the appropriate safety measures to your crew, including the use of personal protective equipment and safe working practices
- Properly maintain assigned tools, equipment, and vehicle to the standards of the Philmont Conservation Department
- Maintain a friendly, helpful, respectful attitude while providing extraordinary customer service to Philmont participants, visitors, and staff
- Other duties as assigned

Qualifications/Experience

- Possess a solid foundation of basic theories and principles behind natural resources/wildlife management
- 2-3 academic years of education in an accredited bachelor's degree program in natural resource management, wildlife biology, or related field
- Proficient experience using GPS/GIS hardware and software
- Demonstrated ability to perform research, collect data both in the field and electronically
- Ability to compute mathematical calculations including multiplication, division, percentages, and averages
- Strong communication skills and comprehension of oral and written directions
- Comfortable speaking and giving directions to groups of up to 30 individuals
- Ability to function well in a high-paced and at times stressful environment

Physical Requirements & Work Environment

- Must meet the BSA height/weight requirements for high adventure activities
- Must be able to acquire a Philmont Driving Permit (if at least 21 years of age)
- Must be able to acquire a Private Applicator License from the New Mexico Department of Agriculture prior to scheduled arrival date
- Be able to hike to remote worksites carrying loads up to 60 pounds (backpack, backpack sprayer, equipment, etc.)
- Be prepared for physically strenuous workdays that include hiking and working in difficult terrain, in all weather conditions, and in aquatic environments for approximately 9-12 hours per day
- Be on-call during scheduled work week

Additional Information

Conservation Natural Resource Technicians receive specialized training in monitoring, pesticide application, mechanical weed treatment, UTV operation, and GPS/GIS mapping. Other opportunities for advancing a working understanding will be done through hands on experience gained through field work and assisting with items such as population counts and flora inventories. There will also be eight days of Conservation Department Training. Opportunities may arise throughout the summer for on-the-job training that may include advanced professional skill development and chainsaw operation.

<https://www.philmontscoutranch.org/resources/conservation/jobs/>

Philmont and the Boy Scouts of America provides equal employment opportunities to all employees and applicants for employment and prohibits discrimination and harassment of any type without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.

This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation, and training.

Updated: 9/18/2020