

Job Title: Scientist- Bat Ecologist

Requisition Id: 2642

Salary: \$54,552.00 - \$68,088.00

Salary Grade: S9

Job Location: Commission Headquarters (JEFFE1)

Closing Date: January 5, 2024

Our Culture: The Missouri Department of Conservation supports a culture of trusted professionals that are dedicated to our mission, responsible stewards, and believe in One MDC.

To learn more about the job, feel free to contact the hiring supervisor- Anthony G Elliott at Anthony.Elliott@mdc.mo.gov or at 660 8858179x4924.

Summary/Objective

Serve as statewide expert on bat ecology, conservation, research, monitoring, and management. Administers and develops the technical basis and recommendations for statewide bat conservation and population management.

Essential Job Duties

- Serve as the primary lead for the Department's bat conservation efforts including input and review of potential impacts by external development.
- Develop research proposals to gain a better understanding of bat distribution, status, and conservation needs within Missouri.
- In cooperation and collaboration with other Department personnel and external partners, designs, budgets, directs, and conducts multiple, high priority research, and adaptive management projects dealing with a variety of bat related topics, to provide high-quality, science-based information regarding priority issues and to support local, regional, and statewide management of Missouri's bat populations and related forest, fish, and wildlife resources.
- Develops measurable objectives and hypotheses on bat ecology and management; conducts and extensive literature review; develops statistically sound study design and sampling schedule; selects appropriate study sites; develops quality assurance and quality control protocols for data collection, data management, data analyses and hypotheses testing; interprets data; prepares progress and final reports; communicates results to stakeholders; and recommends resource management actions and assessment procedures.
- Develop and maintain a collaborative working relationship with external partner bat specialists to facilitate conservation and research throughout Missouri.
- Serve as a recovery lead for federally listed bats or those species that are petitioned for listing. Develop monitoring strategies that can be used to inform habitat management practices.
- Serve as the bat expert on the Missouri Bat Habitat Conservation Plan implementation team. Facilitate monitoring efforts required in the Conservation Plan.
- Create various technical and non-technical presentations and publications for scientific journals, papers, posters, pamphlets, websites, and popular articles.
- Recruit, hire, supervise, train, supervise, and evaluate staff.
- Prepare cooperative agreements, grant proposals, and budgets and monitor compliance.
- Provide scientific technical support to researchers, students, managers, administrators, educators, and protection staff.

Ancillary Job Duties

- Other duties as assigned.

Education and Experience

- Master's Degree in Wildlife Ecology/Management or a related biological science. A bat ecology focus and background in study design and statistical analysis preferred
- At least three (3) years of relevant professional experience.
- Must maintain a valid, current driver's license.

- Up to date pre-exposure rabies vaccination or willingness to obtain vaccination.

Knowledge, Skills and Abilities

- Ability to accurately identify bat species of eastern North America in-hand, visually during hibernacula surveys, and through analysis of acoustic recordings.
- Possession of, or experience required to obtain, a permit to capture, handle, and affix radio transmitters to federally listed bat species occurring in Missouri strongly preferred.
- Ability to conduct field work in subterranean (cave and mine) environments.
- Demonstrate a safety-oriented mindset.
- Ability to travel and work varying shifts, as required.
- Ability to use office equipment, such as copier, phone system, fax, scanner, and computer.
- Excellent oral and written communication skills.
- Familiarity with GPS and GIS equipment.

Work Environment

- Regularly work in outdoor environments where hot, cold, wet and/or humid conditions exist.
- Occasionally exposed to loud noises which may require the use of hearing protection.
- Often work in underground, confined space environments.

Physical Abilities

- Remain stationary up to 70% of the time.
- Move about grounds, both inside and outside of buildings.
- Regularly operate tools and other machinery and relocate machinery to other areas.
- Frequently communicate and exchange accurate information.
- Clarity of vision, three-dimensional vision, precise hand-eye coordination, and the ability to identify and distinguish colors.
- Regularly lift up to 30 pounds, correctly lift up to 75 pounds.
- Concentrated attention is required at all times.
- Regular attendance is a necessary and essential function.

Disclaimer

This job description is not intended to be all-inclusive; an employee will also perform other reasonably related job responsibilities as assigned by immediate supervisor and other management as required. The Missouri Department of Conservation reserves the right to revise or change job duties as the need arises. This job description does not constitute a written or implied contract of employment. Management reserves the right to change job descriptions, job duties, functions, and requirements.

Exemption Status/Special Notes

This position has been determined to be Exempt according to the Fair Labor Standards Act.

Employees must agree to accept compensatory time in lieu of cash payments in accordance with the Department's Compensatory Time Off and Overtime Policy.

Salaried and hourly employees are expected to use a mobile device-cellular phone for Department business, as needed.

MDC promotes a Tobacco-Free (smoke and smokeless) working environment.

The Department of Conservation will only hire United States citizens and aliens authorized to work in the United States. All new employees will be required to complete an "Employment Eligibility Verification" (Form I-9) and produce requested documentation after employment.

Candidates seeking initial employment or re-employment must submit to a drug screen following offer of employment.

All persons employed with the state of Missouri shall file all state income tax forms and pay all state income taxes owed.