



Ellen Trout Zoo

Louisiana Pine Snake Specialist

1 Position available

PAY

\$16.76 per hour

REPORTS TO

Collection Manager - Reptiles

FLSA STATUS

Non-Exempt

EMPLOYMENT TYPE

Full Time

DESCRIPTION

The Louisiana Pine Snake Specialist is responsible for conducting research, implementing conservation strategies, and promoting the protection of the Louisiana Pine Snake and its habitat. The specialist may work with governmental agencies, non-profit

organizations, or research institutions to contribute to the understanding and conservation of this threatened species.

QUALIFICATIONS

- Bachelor's degree in Biology, Zoology, Wildlife Management, or a related field is required. Master's degree is preferred.
- Minimum of 3-5 years of experience working with reptiles in a zoo, wildlife rehabilitation center, or conservation organization required.
- Experience with snake husbandry, breeding, and management techniques is highly desirable.
- Must possess a valid Driver's License at time of placement.

KNOWLEDGE, SKILLS, AND ABILITIES

- Strong understanding of reptile biology, ecology, and conservation principles, with a focus on threatened and endangered species management.
- Excellent observational, record-keeping, and data analysis skills.
- Effective communication and collaboration skills, with the ability to engage with diverse stakeholders and advocate for snake

conservation.

- Ability to work outdoors in various weather conditions and terrain, including bending, stooping, and lifting objects up to 75 pounds.
- Comfortable handling and working with live reptiles, including venomous species, following established safety protocols.

MAJOR DUTIES

- Oversee the daily care and husbandry of Louisiana Pine Snakes housed within the zoo's collection, ensuring their health, welfare, and environmental enrichment needs are met.
- Develop and implement nutrition plans, habitat designs, and behavioral enrichment activities to promote the natural behaviors and well-being of the snakes.
- Coordinate and manage the zoo's captive breeding program for Louisiana Pine Snakes, including breeding pair selection, mating introductions, egg incubation, and neonate care.
- Monitor reproductive behavior, nesting activities, and reproductive success to contribute valuable data to species recovery efforts.
- Develop and deliver educational programs,

presentations, and interpretive exhibits to raise awareness about the conservation status, habitat requirements, and ecological importance of Louisiana Pine Snakes.

- Collaborate with zoo educators, researchers, and conservation partners to develop outreach initiatives and public engagement opportunities focused on snake conservation.
- Conduct research projects and field studies to enhance understanding of Louisiana Pine Snake ecology, behavior, and habitat preferences.
- Participate in population surveys, habitat assessments, and monitoring efforts to inform conservation strategies and management decisions.
- Collaborate with local, state, and federal agencies, conservation organizations, and academic institutions to support collaborative conservation initiatives and recovery programs for the Louisiana Pine Snake.
- Advocate for habitat protection, land management practices, and legislative measures that benefit Louisiana Pine Snake populations and their ecosystems.
- Other duties as assigned.

This position is an essential service position and will require providing services during emergency situations.

Visit our website www.cityoflufkin.com or contact the Human Resources Department at Lufkin City Hall, 300 E. Shepherd Ave., Suite 226, Lufkin, TX 75901, Phone 936-633-0228.