

TIFFANY B. LYON, *Biologist*



EDUCATION

B.S.	Texas Tech University, Lubbock, Texas	2007	<i>Biology</i>
B.A.	Texas Tech University, Lubbock, Texas	2007	<i>Psychology, minor: Wildlife Management</i>
A.S.	South Plains Junior College, Levelland, Texas	2001	

PROFESSIONAL EXPERIENCE

2007-Present	<i>Biologist</i> , Western EcoSystems Technology, Inc., Cheyenne, Wyoming
2007	<i>Field Technician</i> , Texas City Prairie Preserve, Texas City, Texas
2006	<i>Field Lab Technician</i> , Texas Tech University Range, Wildlife and Fisheries Department, Lubbock, Texas
2002	<i>Field Technician</i> , Texas Cooperative Fish and Wildlife Research Unit, Lubbock, Texas

PROFESSIONAL SUMMARY

Collecting amphibians with dip nets in Playa lakes. Capturing small mammals using Sherman traps. Setting up pitfalls for capturing amphibians and reptiles. Mapping prairie dog colonies using a GPS unit and doing a population count of these colonies covering the south plains area. Using a Kestrel weather device to record weather conditions at prairie dog colonies. Conducting bird surveys and identifying bird and mammal species, and vegetation within prairie dog colonies. Experience with using radio telemetry. Caring for endangered birds along with capturing baby chicks and taking weights. Capturing and releasing Prairie Chickens. Conducting vegetation analysis on the Gulf Coastal area of Texas. Radar experience dealing with bats and anabats. Identifying birds and bats with night vision goggles. Habitat mapping throughout Texas and Oklahoma.

Lab: Preparing skin, skeleton and tissues for preserving mammals. Preparing amphibian tissues for gel electrophoresis, Conducting water sampling, and Knowledge of properly cleaning lab equipment along with experience on micropipette.

Skills: Kestrel weather device, GPS, radar, anabats, laboratory equipment and night vision goggles.

Wind Power Studies: Over one year of experience conducting avian and bat research in wind resource areas and wind projects throughout the U.S. Experience with wildlife studies through different phases of wind project development from early site assessment to post construction monitoring. Studies include Site Characterization Studies and writing the reports for them. Clients include BP Energy, Horizon, and Renewable Energy Systems