TEXAS TECH UNIVERSITY
Davis College
Natural Resources Management™

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Student Name: Jacob Arey

Degree Sought: MS, Wildlife, Aquatic, and Wildland Management

Specialty: Restoration Ecology

Hometown, State/Country: Dallas, TX

Research Interests or Projects:

Jacob graduated from Texas Tech University in the fall of 2021, with a bachelor's degree in Natural Resources Management with concentrations in Wildlife Biology and Range Management. During his tenure at Texas Tech, Jacob has been able to voluntarily work with U.S. Fish and Wildlife Service and Texas Parks and Wildlife Department personnel on a variety of projects, some of which have included evaluating habitats for various migratory and at-risk bird species, evaluating habitats for the Texas kangaroo rat (currently under review for Endangered Species Act listing), white-tailed deer spot-light surveys, eastern wild turkey super-stocking releases, alligator snapping turtle repatriation efforts, and wetland enhancement projects. Jacob has also interned with the U.S. Fish and Wildlife Service's Bosque Del Apache National Wildlife Refuge where he was responsible for southwestern willow flycatcher and yellow-billed cuckoo monitoring, refuge boundary marking, and invasive species removal. Currently, Jacob is studying the chemical treatment of huisache (Acacia farnesiana), a native but invasive shrub species, and its effects on the surrounding environment. In the future, Jacob hopes to work with a state or federal agency assisting private landowners in land restoration or go into real estate with a focus on recreational properties and their management. In his free time, Jacob is an avid reader, likes to travel, go hiking, and enjoys hunting and fishing.

DEPARTMENT OF NATURAL RESOURCES MANAGEMENT
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