

Projects with Multiple Locations in Denton, Wise and Cooke Counties

Advisory and Outreach

Representing TMN-EFC in the community by providing outreach to public groups and events.

Benthic Monitoring

Collecting and identifying aquatic macroinvertebrates from local streams to determine water quality.

Conservation of Nature at Night

Helping conserve and protect flora and fauna from artificial light pollution. Providing training and public outreach to the community and enabling citizen science research on light pollution in our area.

DFW Wildlife Coalition

Answering hot line phone calls about wildlife emergencies. Directing the callers to assistance for injured or orphaned animals. Providing guidance to resolve animal/human conflicts.

Land Management Awareness

Helping private landowners assess their property's current wildlife habitat and making recommendations on how to improve it.

Project FeederWatch

Counting birds that appear in your count site and reporting the highest number of individuals that you see in view at one time to scientists at the Cornell Lab of Ornithology.

Science with Attitude (SWAt)

Collaborating with the Denton County Master Gardener Association and Denton County 4-H to help provide science-related education and activities to youth and area teachers year-round.

Time to Restore

Monitoring and collecting pollinator plant phenology data using cell phone applications at a time and location you select as part of a multi-state study.

Trees and Forest Management

Providing education, outreach, and service dedicated to the better management of trees and forest areas within Denton, Cooke and Wise counties.

Wellness in Nature

Using a variety of activities in nature aiming to boost mental health through walks in nature, such as with our target audience of individuals with neurological impairments and their caregivers.

BAT Project Acoustic Monitoring

Using standardized acoustic tracking protocols to gather data on bat populations as part of NABat. Volunteers place acoustic monitors in designated areas, remove and relocate them as needed, and collect, download, analyze, and report data.

CoCoRaHS

Participating in the Community Collaborative Rain Hail and Snow Network of North American citizen scientists, collecting and reporting precipitation data to the Colorado Climate Center at Colorado State University for use by a variety of organizations.

Community Clean Up Events

Participating in Elm Fork Chapter service area community clean up events intended to remove foreign debris from natural spaces and waterways.

iNaturalist

Using the iNaturalist online platform to identify flora and fauna, contributing to projects organized and managed by Texas Nature Trackers. Participating in bioblitzes and other organized field data collection projects in our service area. Identifying flora and fauna observations for others.

NestWatch

Helping track status and trends in the reproductive biology of birds, including when nesting occurs, number of eggs laid, how many eggs hatch and how many hatchlings survive.

QR Code Library

Creating and maintaining a digital reference library based on QR codes that can be used at several Master Naturalist project sites, particularly those visited by the public.

Texas Native Plant Art Exhibition

Providing Denton ISD fourth grade students with a creative way to learn about native Texas plants through their art classes. Student artwork is judged and displayed in the community including a final full exhibition.

Water Quality Monitoring (Texas Stream Team)

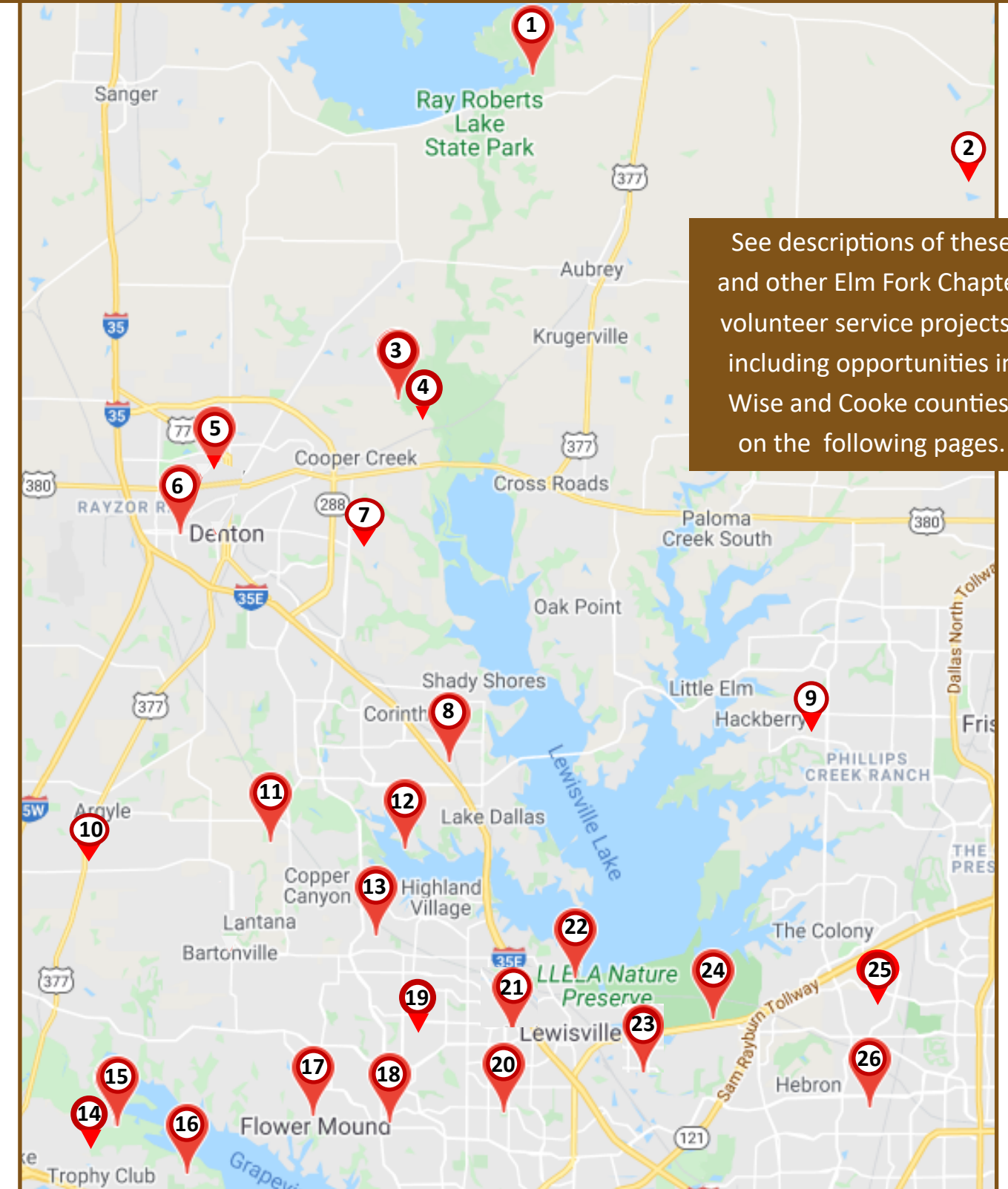
Testing water at selected stream locations for temperature, turbidity, pH, dissolved oxygen, conductivity, E. coli, and more. Volunteers must be certified by the Texas Stream Team before sampling is done for this project.

Wildlife Rehab Support

Supporting wildlife by providing resources to licensed rehabbers that help the injured and orphaned wildlife until they are returned to the wild.



MAP OF VOLUNTEER SERVICE PROJECTS BY LOCATION IN DENTON COUNTY



Some projects are based at one location but others have multiple locations, and some can be done anywhere in the three-county service area.



Summer 2025

Texas A&M AgriLife Extension Service provides equal opportunities in its programs and employment to all persons, regardless of race, color, sex, religion, national origin, disability, age, genetic information, veteran status, sexual orientation, or gender identity. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts Cooperating. Persons with disabilities needing accommodations for effective participation in the program should contact the County Extension Office at least one week prior to the program or event to request mobility, hearing, visual or other assistance.



Projects on the Map

1. Ray Roberts Lake State Park

Leading guided hikes, greeting Nature Center visitors at Isle Du Bois and Johnson Branch, and assisting TPWD with various educational events. There are also GTWT Adopt-a-Loop sites at this park. See GTWT Adopt-a-Loop on the next page.

2. Green Meadows Demonstration Garden

Working with a Master Planned Community to install native plants, monitor the garden, conduct cleanup, and educate the community.

3. Clear Creek Natural Heritage Center

Helping City of Denton Parks and Recreation with trail construction and maintenance, assisting with nature hikes, conducting research, conservation, and restoration projects, working in the greenhouse, pollinator gardens, and pocket prairie, monitoring blue bird boxes, and improving indoor exhibits.

4. Denton ISD School Days at Clear Creek

Providing nature educational experiences to complement the Denton ISD field trips for 2nd graders in the spring and 4th graders in the fall.

5. 4-H Entomology

Educating 4-H youth in insect classification and life cycles by helping them collect and preserve insects for youth fair contests.

6. Elm Fork Education Center

Guiding groups of children and chaperones between staff-led education stations on archeology, aquatics, the planetarium and other science related activities in the Environmental Sciences Building at UNT.

7. Ryan High School Rain Garden

Assisting with technical guidance and resource management of the Classroom-to-Community rain garden built in 2024.

8. Beulah Acres Agroforest

Contributing expertise on the native ecosystem to support an ecologically balanced agroforest as an educational model for the community. Project is led by the Beulah Acres team in collaboration with the Denton County Master Gardener Association.

9. McCord Park Wildscapes

Maintaining Texas Native Plants in a Butterfly and Pollinator Wildscape and a Blackland Prairie Tall-grass and Wildflower Wildscape in areas pocketed by existing walkways in McCord Park in Little Elm.

10. Argyle Nature Trail

Removing debris and invasives, and creating and maintaining trails to help create a public park in this small remnant of Cross Timbers Forest surrounded by development.

11. Lantana Petals and Pathways

Maintaining a Certified Monarch Waystation at the Lantana Community Center to provide education on the use of native plants for suburban landscapes, gardening for birds, monarchs and other pollinators and native landscaping.

12. Pratt Nature Preserve at Hickory Creek

Advising and assisting the Town of Hickory Creek in preserving the natural state of an eight acre savanna prairie remnant and encouraging residents to learn about and appreciate the value of the prairie ecosystem.

13. Texas Our Heritage Demonstration Garden

Restoring and maintaining an educational garden at Heritage Elementary School.

14. Trophy Club Nature Park Conservation Area

Helping to maintain a 600-acre conservation area within Trophy Club Park, providing education, outreach, field observation and study of the Cross Timbers ecological zone and prairies.

15. Growing Up WILD

Working with Trophy Club Parks and Recreation, local schools and Keep Trophy Club Wild to establish environmental education programs for children.

16. Bob Jones Nature Center

Helping restore and preserve plants and wildlife and educate the public through activities on 758 acres of the Eastern Cross Timbers ecosystem. Maintaining bluebird boxes on Bluebird Trail at the Nature Center.

Projects on the Map

17. Green Acres

Maintaining a monarch station, restoring a prairie, monitoring bluebird boxes, encouraging a wetlands area, and observing and recording plants, insects, and animals in the park. Signage enhances nature education for public tours.

18. The Flower Mound

Working to help preserve the Mound by eliminating woody plants and invasive species and conducting educational programs for the public on prairies and their importance.

19. Flower Mound Pollinator Gardens

Helping maintain approximately 3,600 square feet of pollinator gardens planted by the Town of Flower Mound. Locations include Westchester Park and Flower Mound Town Hall.

20. Thrive Nature Park

Providing design and implementation support to the City of Lewisville in transforming a 23-acre abandoned post oak savanna into a nature park that serves as a community center for education and recreation.

21. Lewisville Extending the Green

Helping develop small nature parks in Lewisville over the next several years, providing opportunities for design using native species, removing invasive species and planting in "park deserts" to provide opportunities for community education and hands on outreach, particularly to children, about nature.

22. Lewisville Lake Environmental Learning Area

Leading nature hikes for students and the public, assisting with bird banding, prairie, forest and wetland restoration, trail building and maintenance, angler education, nest box maintenance, staffing the visitor center and giving tours of the homestead.

23. Milkweed Seed Conservation

Gathering and packaging milkweed seeds to give to local seed libraries, pollinator gardens and way stations. Growing milkweed plants to give away at area outreach events.

24. Lewisville ISD Outdoor Learning Area

Documenting species of plants and animals, building and maintaining trails and native plant demonstration gardens, and assisting with outdoor education classes for Lewisville ISD students.

25. GTWT Adopt-A-Loop at Arbor Hills Nature Preserve

Participating in the Great Texas Wildlife Trail project in partnership with the Texas Parks and Wildlife Department. Completing site visit checklists and submitting data to the Project Manager, who compiles the results and forwards them to TPWD. See information below about other GTWT Adopt-a-Loop sites in our Chapter service area.

26. Furneaux Creek Nature Trail

Leading activities to restore the greenbelt with native plants to provide a natural ecosystem for wildlife and public access to a nature trail along Furneaux Creek. Providing educational activities such as bird walks and nature talks.

Location-Based Projects Beyond Denton County

Bryo-Texana - Denton, Cooke and Wise Counties

Assisting the Project Manager in the collection, processing, and recording of specimen data on mosses, liverworts and hornworts found in the area. Processed specimens are sent to the S. M. Tracy Herbarium at Texas A&M. Collections can be made in Denton, Cooke and Wise counties on private lands (with owner permission) and at LBJ National Grasslands when accompanied by the Project Manager.

Fort Worth Nature Center - Tarrant County

Helping to care for animals, guiding canoe trips, leading nature walks, working on trails and wildlife habitat, serving as a roving naturalist and in the visitor center.

LBJ National Grasslands Conservation - Wise County

Maintaining and monitoring bluebird nesting boxes and recording data collected; assisting in the collection of lichen species; assisting in the search for, collection of and counting of plant species of interest as designated by the US Forest Service; participating in Bobwhite quail whistling call surveys on the property.

GTWT Adopt-A-Loop - Denton, Cooke and Wise Counties

Participating in Adopt-a-Loop, a citizen science project sponsored by the TPWD, our chapter has adopted numerous Great Texas Wildlife Trails. Data collected at each site seasonally are reported to TPWD to help record the distribution of Texas' wildlife including, most significantly, data on our Species of Greatest Conservation Need (SGCN).

Texas Master Naturalists: What are your interests and abilities? Indoors or outdoors, from administrative support to trail building, there is a Chapter activity that needs you. We hope you will check out several projects to see which ones are the best fit for you. Please be sure to contact the Project Manager to confirm the need for volunteers and get special instructions where appropriate. You can find more information about projects and Project Managers in the Members Area of the website at txmn.org/elmfork.

Not yet a Texas Master Naturalist? We invite you to attend our Chapter meetings. Information can be found on our website at txmn.org/elmfork or by sending inquiries to contact@efctmn.org.