

**TEXAS MASTER NATURALIST, Rolling Plains Chapter  
Spring 2019 – TRAINING AGENDA**

Welcome: Program Orientation statewide program mission, local program goal	Terry McKee chapter president Texas Master Naturalist program	March 5 7:00-9:00 pm Bolin 213
Weather and Climatology		March 7 7:00-9:00 pm Bolin 213
Ornithology, bird watching and conservation	Dr. Marcy Brown Marsden Dean, College of Science & Mathematics	March 12 7:00-9:00 pm Bolin 213
Ecological concepts with a discussion concerning biomes, trophic levels	Henry Krusekopf	March 14 7:00-9:00 pm Bolin 213
Water resources	Tad Gose	March 26 7:00-9:00 p.m. Bolin 213
Overview of freshwater fisheries biology and conservation	Robert Mauk District Fisheries Biologist Texas Parks & Wildlife Dept	March 28 7:00-9:00 pm Bolin 213
<b>Field trip 1</b> Lake Arrowhead State Park Fisheries and invasives	Tom Lang TPWD Inland Fisheries	March 30 8:30 am- noon
Vertebrate biology overview including historical biogeography with mammals as a model with functional morphology and geographic variation	Dr Ray Willis Associate Professor Biology Dept. MSU	April 2 7:00-9:00 pm Bolin 213
General botany	Dr. William Cook Professor Biology Dept., MSU	April 4 7:00-9:00 pm Bolin 213
<b>Field Trip 2</b> Lake Arrowhead State Park nature observation	Ranger Laura Clepper	April 6 9:00 am-noon

Mussels Naturalists	Penny Miller Larry Snyder	April 9 7:00-9:00 pm Bolin 213
Herpetology with general discussion of local amphibians and reptiles	Dr. Charles Watson Associate Professor Biology Dept. MSU	April 11 7:00-9:00 pm Bolin 213
<b>Field trip 3</b> Hackberry Flat, Frederick, OK to observe wetland ecology and migratory waterfowl	Chapter Master Naturalists ODWC biologist Melynda Hickman	April 13 8:00-noon car pool
Entomology overview including common local insects	Blair Ramon Dept of Biology	April 16 7:00-9:00 pm Bolin 213
Mycology Study of fungi	Dr. James Masuoka Associate Professor Biology Dept., MSU	April 23 7:00-9:00 pm Bolin 213
Plants	Dr James Estes	April 25 7:00-9:00 pm Bolin 213
<b>Field trip 4</b> Grassland and wildflower morphology and ecology	Paul Dowlearn Wichita Valley Nursery	April 27 9:00 am-noon Lake Arrowhead
Overview of local geology and soils, stratigraphy, lithologies fossils and minerals geologic features of north Texas	Dr. Jonathan D Price Associate Professor / Chair Geosciences Dept. MSU	April 30 7:00-9:00 pm Bolin 213
Interpretive, volunteer opportunities & communication	Terry McKee Rolling Plains Chapter President	May 2 7:00-9:00 p.m. Bolin 213
Chapter meeting	Rolling Plains	May 7