



## HILL COUNTRY MASTER NATURALIST CLASS OF 2023 BASIC TRAINING

### SCHEDULE AT A GLANCE

(Note: Attendance Required at all events except those in **red print** labeled **optional**.)

	Day/Date	Time	Activity	Activity Type	Location
<b>WEEK 1</b>	Wed 16 Aug.	5:30-07:30 p.m.	<b>WELCOME RECEPTION</b>	All Group – Indoor multi-Media	Kerrville Arts & Culture Center 228 Earl Garrett St. Kerrville, TX 78028
	Sat., 19 Aug.	8:30 a.m. – 4:00 p.m.  Reading: Units 3, 10, 11	<b>FIRST CLASS- Nature Center Visit with Lectures</b> <ul style="list-style-type: none"> <li>• <b>8:30 – 9:00 Breakfast</b></li> <li>• 9:00-9:35 Class Admin Items</li> <li>• 9:35-9:45 Becky Etzler - Intro to RNC</li> <li>• 9:45-10:30 Tour of Riverside Nature Ctr.</li> <li>• <b>10:30-11:45 Sack Lunch &amp; Volunteer Fair</b></li> <li>• 11:45-1:00 What it means to be a Master Naturalist (Speaker: Rufus Stephens)</li> <li>• 1:15-2:30 Early Master Naturalists (Speaker: Lonnie Childs)</li> <li>• 2:45-4:00 Botany: Naming of Plants (Speaker: Kim Ort)</li> </ul>	All Group – Outdoor Walking Tour and Indoor, in-person lectures	Riverside Nature Center (RNC) 150 Francisco Lemos St. Kerrville, TX 78028

<b>WEEK 2</b>	Wed., 23 Aug.	5:45 p.m. – 9:00 pm  Reading: Units 4, 5, 6	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Volunteer Management System (VMS) (Speaker: Sandy Leyendecker)</li> <li>• <b>7:15-07:45 Break</b></li> <li>• 7:45-9:00 Ecological Concepts and EcoRegions (Speaker: April Sansom)</li> </ul>	Zoom Presentations	Online
	Sat., 26 Aug.	8:45 a.m. – 1:30 p.m.  Reading: Units 17, 20	<ul style="list-style-type: none"> <li>• 8:45 Arrival/Parking/Bathroom</li> <li>• 9:00-10:15 Range Science and Ecological Changes since 1820 (Speaker: Ryan Reitz)</li> <li>• 10:30-12:45 Walking Tour of the Kerr Wildlife Management Area (KWMA) <b>Advanced Training:</b> Prescribed Burn (1 hr.) and Deer/Exotics and Over-Population Issues (1 hr.) (Speaker: Ryan Reitz)</li> <li>• <b>1:00-1:30 Sack Lunch and Tour of Monarch Monitoring Sight</b></li> </ul>	In-person, outdoor walking tour and in-person, indoor lectures, multi-media.	Kerr Wildlife Management Area (KWMA) 2625 FM-1340 Hunt, TX 78024

<b>WEEK 3</b>	Mon., 28 Aug.	6:00 – 8:15 p.m. Optional	<b>TMN CHAPTER MEETING &amp; A.T. OPPORTUNITY</b> <ul style="list-style-type: none"> <li>• <b>TMN Chapter Meeting</b></li> <li>• <b>1 hour Advanced Training: ????? (Code AT23-010)</b></li> <li>• <b>.5 hr. Volunteer Service (Code HC-00-A)</b></li> </ul>	Participate in-person at Guadalupe Basin Natural Resources Center in Kerrville or online via Zoom	Online or in-person at Guadalupe Basin Natural Resources Center (a.k.a. UGRA) 125 Lehmann Dr, #100 Kerrville, TX 78028
	Wed., 30 Aug.	5:45 p.m. – 9:00 p.m.  Reading: Units 23 & 16	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Volunteers as Teachers: Interpretation (Speaker: Katie Raney)</li> <li>• <b>7:15-7:45 Break</b></li> <li>• 7:45-9:00 Mammalogy (Speaker: Rufus Stephens)</li> </ul>	Zoom Presentations	Online
	Sat., 2 Sept.	<b>No Class on this date.</b>	<b>Labor Day Weekend Have a GREAT Holiday</b>		

<b>WEEK 4</b>	Wed., 6 Sept.	5:45 p.m. – 9:00 p.m.  Reading: Units 7 & 9	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-07:15 Geology (Speaker: Dr. Carter Keairns)</li> <li>• <b>7:15-7:45 Break</b></li> <li>• 7:45-9:00 Hydrology (Speaker: Charlie Flatten)</li> </ul>	Zoom Presentations	Online
	Sat., 9 Sept.	8:45 a.m. – 1:30 p.m.	<ul style="list-style-type: none"> <li>• 8:45 – 9:00 Arrive at Canyon Lake Gorge Parking/Bathroom</li> <li>• 9:00-9:15 Break into Two Groups</li> <li>• 9:15-9:30 Transport to Starting Point</li> <li>• 9:30-12:30 Walking Tour of Canyon Lake Gorge (Friends of Canyon Lake)</li> <li>• <b>12:30-12:35 Drive to Tye Preston Memorial Library</b></li> <li>• 12:35 -1:30 <b>Sack Lunch</b> and debrief</li> </ul>	Walking Tour of Canyon Lake Gorge followed by Lunch at Tye Preston Library	<p>GBRA Canyon Lake Gorge 16029 S Access Rd, Canyon Lake, TX 78133</p> <p>Tye Preston Memorial Library 16311 S Access Rd, Canyon Lake, TX 78133</p>

	<b>Day/Date</b>	<b>Time</b>	<b>Activity</b>	<b>Activity Type</b>	<b>Location</b>
<b>WEEK 5</b>	Wed., 13 Sept	5:45 p.m. – 9:00 p.m.  Reading: Units 18, 9	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Aquatic Ecology &amp; Management (Speaker: Meg Bean)</li> <li>• <b>7:15-7:45 Break</b></li> <li>• 7:45-9:00 Water Resources (Speakers: Shelby Taber &amp; Tara Bushnoe)</li> </ul>	Zoom Presentations	Online
	Sat., 16 Sept.	8:45 a.m. – 2:45 p.m.  Reading: Units 17, 19, 20 & 21  .	<ul style="list-style-type: none"> <li>• 8:45 Arrival/Parking/Bathroom</li> <li>• 9:00-10:00 History of Cibolo Center for Conservation</li> <li>• 10:00-11:30 Walking Tour of 4 Habitats: Woodland, Marsh, Cibolo Creek, Prairie</li> <li>• 11:30-12:00 <b>Sack Lunch</b></li> <li>• 12:00-1:15 Wetland Ecology &amp; Management (Speaker: Rachel Seets)</li> <li>• 1:15-2:45 Urban Ecosystem “Confronting Urban Issues” (Speaker: Ben Eldredge)</li> </ul>	Walking Tour of Cibolo Nature Center and in person Lectures	Cibolo Center for Conservation 140 City Park Rd. Boerne, TX 78006

<b>WEEK 6</b>	Wed., 20 Sept.	5:45 p.m. – 9:00 p.m.  Reading: Unit 8	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Climate and Weather (Speaker: Paul Yura)</li> <li>• <b>7:15-7:45 Break</b></li> <li>• 7:45-9:00 CoCoRahs (Speaker: Paul Yura)</li> </ul>	Zoom Presentations	Online
	Sat., 23 Sept.	<b>No class on this date.</b>	<b>Great Opportunity to Get Volunteer Hours</b>		
<b>WEEK 7</b>	Mon., 25 Sept.	6:00 – 8:15 p.m. Optional	<b>TMN CHAPTER MEETING &amp; A.T. OPPORTUNITY</b> <ul style="list-style-type: none"> <li>• <b>TMN Chapter Meeting</b></li> <li>• <b>1 hour Advanced Training: ????</b> <b>(Code AT23-010)</b></li> <li>• <b>.5 hr. Volunteer Service (Code HC-00-A)</b></li> </ul>	Participate in-person at Guadalupe Basin Natural Resources Center in Kerrville or online via Zoom	Online or in-person at Guadalupe Basin Natural Resources Center (a.k.a. UGRA) 125 Lehmann Dr, #100 Kerrville, TX 78028
	Wed., 27 Sept.	<b>No class on this date.</b>	<b>Opportunity to Get Volunteer Hours.</b>		

**WEEK 7 / 8**  
**BAMBERGER RANCH WEEKEND - Saturday**

<b>WEEK 7/8</b>	Sat., 30 Sept.	<b>Bamberger Ranch Day 1 – Required 8:45 a.m.-4:00 p.m.</b>  <b>Reading: Units 1, 5, 12</b>  With Optional Overnight Stay	<ul style="list-style-type: none"> <li>• 8:45 a.m. – 9:00 am. Arrival/Parking/Bathroom</li> <li>• 9:00-12:30 Walking Tour/Grass Characteristics (Speaker: Steven Fulton)</li> <li>• 12:30-1:30 <b>Sack Lunch</b></li> <li>• 1:45-3:00 Land Stewardship (Speaker: April Sansom)</li> <li>• 3:00-4:00 Ornithology (Speaker: Ed Sones)</li> <li>• 4:00-5:00 Day guests leave, and overnight guests arrive/unpack</li> <li>• 5:00-6:00 Dinner (TBD)</li> <li>• 6:15-9:00 Bat Cave &amp; Dark Skies 1 Hour Advanced Training: Dark Skies (Speaker: Edward Rogers)</li> <li>• 9:30 Bedtime</li> </ul>	All Group Tour on Trailer – In-person Lectures	Selah Bamberger Ranch 2341 Blue Ridge Dr. Johnson City, TX 78636
---------------------	-------------------	--	---	--	--

BAMBERGER RANCH WEEKEND - SUNDAY					
<b>WEEK 7/8</b>	Sun., 1 Oct.	Bamberger Ranch Day 2 - Optional	<ul style="list-style-type: none"> <li>• 5:30-6:45 am Watch Bats fly in</li> <li>• 7:00-8:00 Make Breakfast</li> <li>• 8:30-9:30 Breakfast TBD</li> <li>• 9:30-10:30 Break</li> <li>• 10:30-11:30 <b>1 Hour Advanced Training:</b> Cedar Issues: Facts &amp; Myths (Speaker: Steve Fulton)</li> <li>• 11:30-12:30 Lunch TBD</li> <li>• 12:30-1:30 <b>1 Hour Advanced Training:</b> Identification of Hill Country Trees, Grasses, and Forbes &amp; BioBlitz (Speaker: Steve Fulton or Tanya)</li> <li>• 1:30-2:30 Clean up/Pack up/Leave</li> <li>• 4:00 p.m. Must be gone</li> </ul>	Optional Hands- On Advanced Training Opportunities	Selah Bamberger Ranch 2341 Blue Ridge Dr. Johnson City, TX 78636



<b>WEEK 8 (cont.)</b>	Wed. 4 Oct.	5:45 p.m. – 9:00 p.m.  Reading: Units 2, 14	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Archaeology (Speaker: Jonathan Jarvis)</li> <li>• <b>07:15 - 7:45 Break</b></li> <li>• 7:45-9:00 Ichthyology (Speaker: Melissa Casarez)</li> </ul>	Zoom Presentations	Online
	Sat., 7 Oct.	8:45 a.m. – 4:00 p.m. Optional	<b>OUTDOOR EDUCATION - OPTIONAL</b> <ul style="list-style-type: none"> <li>• Walking Tour at Honey Creek State Natural Area <b>(2 Groups: 9:00-12:00 OR 1:00-4:00)</b></li> </ul>	Whole Group (Divided into 2 times) - Outdoors	Honey Creek State Natural Area 3350 Park Road 31 Spring Branch, TX 78070

<b>WEEK 9</b>	12- 15 Oct.	See details online. Optional Event	<b>State TMN Conference in McAllen, TX</b> Great opportunity to earn A.T. hours! Register online if attending. <a href="https://txmn.tamu.edu/">https://txmn.tamu.edu/</a> Click on 2023 Annual Meeting.	Optional multi-day conference for all Texas Master Naturalists state-wide.	McAllen, TX in the Rio Grande Valley.
<b>WEEK 10</b>	Wed., 18 Oct.	5:45 p.m. – 9:00 p.m.  Reading: Unit 22	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Law and Ethics (Speaker: Michael Mitchell)</li> <li>• <b>7:15-7:45 Break</b></li> <li>• 7:45-8:30 Law &amp; Ethics (continued)</li> </ul>	Zoom Presentations	Online

<b>WEEK 11</b>	Mon., 23 Oct.	6:00 – 8:15 p.m.	<b>TMN CHAPTER MEETING &amp; A.T. OPPORTUNITY</b> <ul style="list-style-type: none"> <li>• <b>TMN Chapter Meeting</b></li> <li>• <b>1 hour Advanced Training: Exotics (Code AT23-010)</b></li> <li>• <b>.5 hr. Volunteer Service (Code HC-00-A)</b></li> </ul>	Participate in person at Guadalupe Basin Natural Resources Center in Kerrville or online via Zoom	Online or in-person at Guadalupe Basin Natural Resources Center (a.k.a. UGRA) 125 Lehmann Dr, #100 Kerrville, TX 78028
	Wed., 25 Oct.	5:45 p.m. – 9:00 p.m.  Reading: Units 18, 9	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Aquifers and Limestone Formation (Speaker: Michael McGinnis)</li> <li>• <b>7:15-7:45 Break</b></li> <li>• 7:45-9:00 Water Issues (Speaker: Robin Gary)</li> </ul>	Zoom Presentations	Online
	Sat., 28 Oct.	8:45 a.m. – 4:00 p.m.  Reading: Unit 15	<ul style="list-style-type: none"> <li>• 8:45-9:00 Arrival/Parking/Bathroom</li> <li>• 9:00-10:00 Soil Science &amp; Erosion (Speaker: Pete Van Dyck)</li> <li>• 10:00-11:45 Walking Tour</li> <li>• <b>12:00-12:30 Sack Lunch</b></li> <li>• 12:30-2:00 Roam Ranch -Regenerative Agriculture Presentation (Speaker: Taylor Collins)</li> <li>• 2:30-4:00 Herpetology (Speaker: Jared Holmes)</li> </ul>	Outdoor Walking Tour and In person, indoor lectures	Texastopia Farm 33 Delaware Creek Rd. Blanco, TX 78606

	Day/Date	Time	Activity	Activity Type	Location
<b>WEEK 12</b>	Wed., 1 Nov.	5:45 p.m. – 9:00 p.m.  Reading: Unit 13, 24	<ul style="list-style-type: none"> <li>• 5:45-6:00 Zoom Breakout Rooms</li> <li>• 6:00-7:15 Entomology (Speaker: Craig Hensley)</li> <li>• <b>7:15-7:45 Break</b></li> <li>• 7:45-9:00 iNaturalist Citizen Science (Speaker: Craig Hensley)</li> </ul>	Zoom Presentation	Online
	Sat., 4 Nov.	8:45 a.m. – 1:00 p.m. Optional	<ul style="list-style-type: none"> <li>• 8:45 Arrival/Parking/Bathroom</li> <li>• 9:00-12:00 <b>3 Hrs. Advanced Training:</b> BioBlitz Citizen Science (Speaker: Craig Hensley)</li> <li>• 12:00-12:30 Tour of Pollinator Garden installed by TMN Class of 2022</li> <li>• <b>12:30-1:00 Sack Lunch</b></li> </ul>	Outdoor Education and Walking Tour	Lost Maples State Natural Area 37221 FM 187 Vanderpool, TX 78885
<b>WEEK 13</b>	Wed., 8 Nov.	<b>No class on this date.</b>			
	Sat., 11 Nov.	8:45 a.m. – 3:30 p.m.	<ul style="list-style-type: none"> <li>• 8:45 Arrival/Parking/Bathroom</li> <li>• 9:00-11:00 Fredericksburg Pollinator Garden and Restored Trails Tour</li> <li>• 11:30 – 12:00 Seed and Plant Exchange</li> <li>• 12:00-1:30 Potluck Lunch</li> <li>• <b>1:30-3:30 CLASS LAUNCH!</b></li> </ul>	Outdoor Education and Walking Tour	Fredericksburg Nature Center at Lady Bird Johnson Municipal Park Fredericksburg, TX 78624  Texas A&M Gillespie County AgriLife Extension Building 38 Business Court Fredericksburg, TX 78624