

# BioBlitz! Oklahoma 2016



University of Oklahoma  
Biological Station  
Lake Texoma

## Activity Schedule

<i>Time</i>	<i>Activity</i>	<i>Description</i>	<i>Leader</i>
<b><i>Friday afternoon</i></b>			
3:00	Using iNaturalist during BioBlitz!	Learn how to set up an account, upload observations to the BioBlitz! Project, and get some tips for taking good photos. 30 minutes, in the library.	Priscilla Crawford, biologist Oklahoma Biological Survey
4:00	Inventory Begins		
4:05	Discovery Walk ☼	Learn more about the flora and fauna, life cycles, ecology, conservation, and more on this causal walk around the OU Biological Station Campus. Great for families and people newly learning about their natural world.	Rusty Grimpe, herpetologist retired Tulsa Zoo
4:15	Fish Seining	Seining the nearby cove of Lake Texoma. Participants can wade in and assist with nets and seines, or just observe from the lakeshore. Participant number is limited, but there are several opportunities scheduled.	Bill Matthews & Edie Marsh-Matthews biologists, University of Oklahoma
4:30	Basics of Birds & Binoculars ☼	Learn to use binoculars to observe birds. Great for people new to birding.	Rebecca Renfro, Oklahoma Ornithological Society
4:45	Detecting Mammals, part 1	Setting up live traps, scent stations, and track plates to detect mammal presence. Short walk from Base Camp.	Tony Stancampiano, biologist Oklahoma City University
5:00	Tree Identification	Master the identification of trees of around the OU Biological Station Campus.	Adam Ryburn, botanist Oklahoma City University
5:00	Bird Walk	Guided morning walk looking for and identifying birds.	Mark Howery, biologist OK Dept. of Wildlife Conservation
6:00-7:30	Dinner	Brisket dinner with vegetarian and vegan options. Brillhart Hall, Dining Room.	
7:11	Sunset		
all evening!	Night-time Insect Collecting	Look for lights and sheets set up to attract night time insects. Around Base Camp and Tent Area.	All entomologists
7:30	American History & Entomology - Lecture	Join us in the library to hear about "The intersection of early American expansionism and entomology, pre Linnaeus to post LeConte"	Mike Quinn, entomologist Texas Entomology

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# BioBlitz! 2016 - Activity Schedule

<i>Time</i>	<i>Activity</i>	<i>Description</i>	<i>Leader</i>
8:00	Bat Mist Netting	Nearly invisible nets are stretched across areas where bats may feed. Potential to see bats up close! Short walk from Base Camp.	Tony Stancampiano, biologist Oklahoma City University
8:30	Family Night Hike ☼	No flashlights allowed! Take a walk in the dark and explore with your other senses.	Owasso High School AP Environmental Science Class
8:45	Using iNaturalist during BioBlitz!	Learn how to set up an account, upload observations to the BioBlitz! Project, and get some tips for taking good photos. 30 minutes, in the library.	Priscilla Crawford, biologist Oklahoma Biological Survey
8:45	Night-time Herp Hunting	Bring your headlamps to look for nocturnal reptiles and amphibians around the OU Biological Station Campus.	Cameron Siler & Jessa Watters, biologists SNOMNH Herp Dept.
9:00	Mammal Trailing	Using fluorescent dust that glows under blacklight, you will follow the footprints of small mammals and see where they go at night.	Tony Stancampiano, biologist Oklahoma City University

## *Saturday morning*

5:27	Moonrise	New Moon - 0.6% illuminated	
7:00	Bird Mist Netting & Banding	Nearly invisible nets are set up to catch birds. Potential to see a variety of birds up close. Short walk from Base Camp. Ongoing activity until 9:30 a.m., but best chance of seeing birds will be 7:00-8:00.	Jeremy Ross, biologist Oklahoma Biological Survey
7:21	Sunrise		
7:30-9:00	Breakfast	Sausage (or vegetarian sausage) and biscuit, juice, and hot beverage. Brillhart Hall, Dining Room.	
8:00	Bird Walk	Guided morning walk looking for and identifying birds.	Mark Howery, biologist OK Dept. of Wildlife Conservation
8:30	Cicada Search	Did you know that over 40 species of cicadas can be found in Oklahoma? Take a walk, listen for their buzzing calls, and learn about their fascinating life history.	Robert Sanders, cicada expert
8:45	Fish Seining	Seining the nearby cove of Lake Texoma. Participants can wade in and assist with nets and seines, or just observe from the lakeshore. Participant number is limited, but there are several opportunities scheduled.	Bill Matthews & Edie Marsh-Matthews biologists, University of Oklahoma
9:00	Detecting Mammals, part 2	Checking live traps, scent stations, and track plates to see what mammals visited during the night. Short walk from Base Camp.	Tony Stancampiano, biologist Oklahoma City University
9:15	Hiking for Herps	Over turn rocks, look under logs, and watch for basking bodies on this walk to find lizards, frogs, snakes, turtles, and salamanders. Caravan to site.	Richard Butler, reptile expert Shawnee Middle School
9:30	Soil Invertebrates	Discover the buried world of organisms that live in the soil and leaf litter. Short walk to collect and identify tiny organisms.	Brittany Benson mite expert
9:40	Using iNaturalist during BioBlitz!	Learn how to set up an account, upload observations to the BioBlitz! Project, and get some tips for taking good photos. 30 minutes, in the library.	Priscilla Crawford, biologist Oklahoma Biological Survey
9:50	Butterfly Walk ☼	Guided walk to look for and identify late summer butterflies. Close focusing binoculars are recommended for this walk. Bring a net if you have one!	Stacey Sekscienski, animal curator Oklahoma City Zoo and Botanical Garden
10:00	Bird Walk	Guided morning walk looking for and identifying birds.	Mark Howery, biologist OK Dept. of Wildlife Conservation
10:15	Looking for Lichens ☼	Did you know lichens are symbiotic organisms? Learn more about how fungus and algae work together to live on exposed rock, tree trunks, and bare soil. Bring or borrow a hand lens so you can get an up-close look at your lichen finds.	Sheila & Steve Strawn, ecologist University of Central Oklahoma

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10:30	Infectious Disease Citizen Science Project	Join a citizen science project, where YOU become the scientist collecting real-world data about a fungus attacking Oklahoma's amphibians. Bring any frogs or salamanders you find at BioBlitz in order to participate in the demo; be sure to take GPS via your phone at time of capture!	Cameron Siler & Jessa Watters, biologists SNOMNH Herp Dept.
10:45	Basics of Birds & Binoculars ☼	Learn to use binoculars to observe birds. Great for people new to birding.	Rebecca Renfro Oklahoma Ornithological Society
11:00	Fish Seining	Seining the nearby cove of Lake Texoma. Participants can wade in and assist with nets and seines, or just observe from the lakeshore. Participant number is limited, but there are several opportunities scheduled.	Bill Matthews & Edie Marsh-Matthews biologists, University of Oklahoma
11:15	Dragonfly Walk	Take a walk around the OU Biostation Campus looking for and learning about local dragonflies and their ecology.	Emily Hjalmarson, dragonfly Ph.D. student Brett Roberts, dragonfly enthusiast
11:45	Oklahoma's Common Plant Families	Walk and talk covering the identifying features of Oklahoma's plant groups. Learn more about our common plants & enjoy our late summer flowers.	Abigail Moore, botanist & herbarium curator Oklahoma Biological Survey

## *Saturday afternoon*

12:30	Discover Diatoms	Be educated by the queen of diatoms about these single-celled, glass-covered algae. Examine the range of shapes and intricate patterns of these important components of aquatic ecosystems.	Shelly Wu, diatom expert Texas Christian University
1:00	Fish Seining	Assist with seining the waters of Lake Texoma and the local tributaries. Participant number is limited, but there are several opportunities scheduled.	Bill Matthews & Edie Marsh-Matthews biologists, University of Oklahoma
1:15	Oklahoma's Least Wanted: Invasive Species Walk	Learn about the problem that invasive species cause to not only Oklahoma's natural diversity, but also to our health and economy. Take a walking tour and learn to spot some of our common problem species.	Lisa Castle, biologist Southwestern Oklahoma State University
1:30	Butterfly Walk	Guided walk to look for and identify late summer butterflies. Close focusing binoculars are recommended for this walk.	Bryan Reynolds, butterfly expert conservation photographer & author
2:00	Discovery Walk ☼	Learn more about the flora and fauna, life cycles, ecology, conservation, and more on this causal walk around the OU Biological Station Campus. Great for families and people newly learning about their natural world.	Rusty Grimpe, herpetologist retired Tulsa Zoo
4:00	Inventory Ends		
4:10	Celebration!	Cake, inventory talley, and announcement of BioBlitz! 2017 location.	
7:30	Biodiversity Trivia & Bingo	Join us for some fun and silly biology themed games in the library. Prizes and snacks!	

## *Sunday Morning*

9:00	Snapping Turtle Scoot & Trot ☼	BioBlitz! Trail Run and Fitness Hike. Pick up trail map and sign up at Registration Table. Snacks after for participants!	Priscilla Crawford Oklahoma Biological Survey
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