NewsHawk



2nd Quarter, 2023

• President •

Cyndi Routledge (routledges@bellsouth.net)

Secretary

Margie Dunhum (margiedunham@comcast.net)

• Treasurer •

Pam Lasley (<u>plasley@comcast.net</u>)

• Program Coordinator •

Susie Russenberger (susierussenberger@comcast.net)

• Field Trip Coordinator •

Mike Smith (ms722@bellsouth.net)

• NewsHawk Coordinator •

Angie Elmore
(nashvillenewshawk@gmail.com)
NewsHawk deadline is the 15th of
the month prior to publication

Our Websites

TOS www.tnbirds.org
NTOS www.nashvillebirds.org
NTOS Facebook NashvilleTOS



www.nashvillebirds.org

President's Message:

The long-awaited time of rebirth and renewal is here. The return of warmer, longer days and vibrant color to Tennessee. The welcoming of warblers, hummingbirds and woodland songs.

Welcome back Spring!

We look forward to seeing many NTOS members at the Annual TOS Spring Meeting here in Nashville on April 28-30 th . Register, show up and enjoy what's been planned by your Chapter.

Of course, if you'd like to help, we'd surely welcome it. Just email me – routledges@bellsouth.net – and let me know what you'd like to do.

If you can't attend the weekend meeting but want to help, you donate a case of water or pre-packed granola bars and/or trail mix. Those items can be dropped off ahead of time, again just holler at me for that time and location.

All information and a registration form can be found here -

https://www.nashvillebirds.org/make-your-plans-to-attend-the-annual-spring-tos-meeting-to- be-held-in-nashville-in-2023/ Please note that there is a cut-off for dinner reservations for the caterer - about 2 weeks prior to the event. Remember you don't have to be a member to participate, so if you have a friend or two, invite them along. Just don't delay, get registered today!!

The NTOS Spring Bird Count will take place on Saturday, May 6 th . Barbara Harris is coordinating. Please contact her or your normal area leader if you'd like to participate—harrbara@bellsouth.net Volunteer today!

Just a housekeeping reminder that WE NO LONGER have normal monthly meetings in July and August. So, make note on your calendars.

Finally on a very personal note. Steve and I would like to acknowledge all those who supported and celebrated the life of our grandson Henry Barton Smith during the last year. It was our community of friends, your good will and outpouring of love that got our family through the many challenges encountered during his 325 days on this earth. Much love and gratitude to all of you who have been on this journey with us! May the peace and serenity of this new season be with you in the days ahead. We love you all!

Happy birding...

Till next time.

Cyndi Routledge

Upcoming NTOS Meeting Programs

NTOS meetings are held at the Radnor Lake Visitors Center on the third Thursday of every month (Except July and August). Meet and Greet at 7:00 pm; Business Meeting at 7:15; Program at 7:30 pm.

April 20 Finn Goodwin-Bain Bird Safe Nashville film

Finn Goodwin-Bain, a recent graduate of Belmont University, made a short documentary film with the help of other Belmont students. This film, Bird Safe Nashville, is about birding, the decline of bird species in North America and conservation efforts in Nashville, Tennessee. This film was made to inspire change among Nashville residents by showing the complexity of why birds are disappearing and by offering ways individuals can contribute to conservation.

May 18 Ken Oeser Birding the British Isles

Ken Oeser will take us along on a trip he made in July, 2022 that covered Ireland, Northern Ireland, Wales, Scotland and England. Highlights include the highest point in the UK to the underground, with over 100 species of birds in various habitats along the way.

June 15 Jonathan May Southern Africa: Victoria Falls, the Okavango and the Fynbos

Jonathan May traveled to Southern Africa last year a trip that included Zambia, Botswana and South Africa. The focus of the safari was the Okavango Delta, a UNESCO World Heritage site and one of the earth's largest inland deltas. This delta provides refuge to over 530 species of birds, 160 species of mammals, and 155 species of reptiles. Jonathan will share with us what he learned about this part of Africa – its wildlife, people and problems – as well as photos of a multitude of birds and Africa's other unique wildlife.

HAWKS VS FALCONS WHAT'S THE DIFFERENCE? **FALCONS** HAWKS Size 18 to 26 inches 13 to 23 inches • 0.7 to 1.6 kg Feather color Head & wings: dark · Heads & wings: gray, greyish blue Neck: Pale and reddish-brown or dark brown Feet & mouth: light White Stripes: Black and vellow White Wings shape Wider wings with · Long and slim rounded ends Head shape Rounded and looks Slightly flat like a circular shape Flight pattern Glide in the air with · Flap their wings rapidly as they their wide wings flapping slowly. • Speed: 190 km/h glide for a short distance speed: 390km/h Hunting habit Lizards · Pigeons. Dragonflies Rabbits • Bats Other birds Nesting Tall trees Cliffs Chimneys Buildings Bridges Billboard platforms. Species Red-tailed hawk Peregrine falcon Sharp-shinned hawk



000

Harris's hawk

Cooper's hawk

Prairie falcon

Merlin American Kestrel

Upcoming NTOS Field Trips

Saturday, April 15th - Birds, Butterflies, and Blooms - Vesta Cedar Glade, Rutherford County

Come join Richard Connors and Mike Smith for a naturalist experience in one of the most unique ecosystems in Tennessee – the cedar glade! Cedar glades are characterized by shallow, rocky soils which limits the growth of most woody plants, and the resulting plant community contains mainly cedar trees interspersed with open rocky glades that support many species of rare wildflowers, a few of which are found nowhere else on earth. Consequently, many interesting birds and butterflies call this ecosystem home, from breeding Prairie Warblers and Common Nighthawks to butterflies such as Southern Dogface and Juniper Hairstreak. We will explore all facets of this ecosystem on our outing. In order to give the butterflies a chance to warm up a bit, we'll meet at 9:00am: from I-840 in Rutherford Co, take Exit 67 and turn east (toward the Love's Truck Stop) and travel 1.6 miles along Vesta Rd. Turn left onto Moccasin Ln and travel 1 mile to the entrance (small parking lot on the left). Navigating to "Vesta Cedar Glade" using Google Maps will take you right there. For additional information, please email ms722@bellsouth.net.

Saturday and Sunday, April 29th & 30th - TOS Spring Meeting, Ashland City, TN

The Nashville chapter of TOS will host a series of field trips as part of the annual TOS spring meeting. For details, visit https://www.nashvillebirds.org/make-your-plans-to-attend-the-annual-spring-tos-meeting-to-be-held-in-nashville-in-2023/. Venues include The Green Door Farm and Restaurant, Beaman Park, Bells Bend Park, Narrows of the Harpeth, Cheatham WMA, and the Ashland City Bicentennial Trail.

Saturday, May 6th - NTOS Spring Count

In lieu of an organized field trip, we hope you will join our annual NTOS Spring Count: come team up with other birders as we visit the top hotspots in town during the peak of spring migration. All levels of experience are appreciated, and every bird counts, so please consider being a part of this important citizen science event! We typically tally around 150 species overall with 30+ species of warblers. A full list of the routes is listed below, so please pick the one that works best for you.

2023 Spring Count Locations: Beaman Park, Bells Bend Park, Harpeth East, Harpeth West, Old Hickory Lake, Owl's Hill, Radnor Lake, Shelby Park and Bottoms, and Warner Park.

To sign up, please email harrbarbara@bellsouth.net, and indicate which route you'd like to sign up for, and you'll be put in touch with the local route leader to get the meeting time and place.

Tentative Saturday, May 27th - Fort Campbell with Daniel Moss

**Ongoing geopolitical events have made this a tentative trip as this field trip takes place on an active military installation. We will provide updates via TN-Birds, Facebook, and the NTOS website as we get closer to confirm if this field trip will take place **. Back by popular demand!! Come join Daniel Moss as he leads us through the back country of Fort Campbell in search of the special species that call this active army post home. Fort Campbell offers unique habitats within our region the most notable of which is one of the largest remaining tracts of native tall-grass prairie in the eastern U.S., known as The Barrens, and part of the vast Pennyroyal Plain which once covered approximately 3.7 million acres of western Kentucky and north central Tennessee. In addition to the expected breeding birds, our main targets will be Bell's Vireo, Henslow's Sparrow, Grasshopper Sparrow, Dickcissel, and perhaps even Bachman's Sparrow. The trip should last about half the day. Please dress for the weather, and make sure to bring plenty of water and insect repellent!

We will meet at 7:00 a.m. at the former Ft. Campbell hunting and fishing station parking lot located at the corner of Lafayette Rd. and 101st Airborne Division Rd. where we will meet up with Daniel. DO NOT proceed to any of the birding destinations on your own.

Special Notes regarding this trip – the trip is **limited to 10 participants**, and will be filled on a first-come first-serve basis. **NO cameras** are permitted, and I need to provide a list of names to Daniel ahead of time, so if you wish to participate, please email <u>ms722@bellsouth.net</u> with the heading "Ft. Campbell NTOS Field Trip".

SPRING BIRD COUNT May 6th

The Nashville Chapter of the Tennessee Ornithological Society is having its spring count Saturday, May 6th. Birders of all skill levels are wanted, so please email me at harrbarbara@bellsouth.net if you'd like to participate. We have teams in all areas of the city, so I can get you in touch with a team leader for your favorite birding spot. Or if you don't know where you want to bird, I can help you with that too!

Barbara Harris

Spring Bird Identification Class April – May 2023 Spring Migrants and Summer Residents



Bird Identification by Sight and Sound At Radnor Lake State Natural Area

Richard Connors will be offering his bird identification class "Birding by Ear, Bird Study by Sight and Sound" at Radnor Lake again this spring.

The class is designed for beginners and intermediates, and will be a good opportunity for anyone wishing to brush-up on, and study our local birds. Classroom sessions will be combined with guided bird walks taking advantage of the fact that Radnor Lake is the premier place to see, hear, and study birds in the Nashville area. Our local birds will be covered, and of special interest will be the wood warblers, the elusive and colorful spring migrants that Radnor is so famous for. Through this class you will increase your proficiency in bird identification, learn how to enhance your yard to attract birds, learn what bird resources are available, and learn where to go in our area to look for birds.

The 5-week class will meet Tuesdays April 4, 11, 18, 25, & May 2. The first class meets April 4th 10AM – 12:00 PM in the visitor center meeting room, Radnor Lake State Natural Area, 1160 Otter Creek Rd., Nashville. Morning bird walks start April 11 at 7:30 AM, followed by classroom session starting at 10AM.

There is a \$75 fee for the class, with a portion of the fee going to Friends of Radnor Lake.

Contact Richard to register for the class: Rconnorsphoto@aol.com, call or text 615 330-7142

More info: https://pbase.com/rconnorsnaturephoto/spring_bird_class_2023

MORE BIRDING RESOURCES:

Eight Spring Birding Sites You Don't Want to Miss (abcbirds.org)

Go Bird Watching near Nashville - Where to go Birding near Nashville TN (stepoutside.org)

2023 Best Bird Watching Trails in Nashville | AllTrails

Birds, Birding Trips and Birdwatching Tours in State of Tennessee - Fat Birder



At a Glance

Tennessee National Wildlife Refuge Complex

Mission: To provide important resting and feeding area for wintering waterfowl and other migratory birds.

Management: By the U.S. Fish and Wildlife Service under the U.S. Department of the Interior.

Size: More than 60,000 acres in 5 counties including: Tennessee NWR - 51, 385 acres - 9 staff Cross Creeks NWR - 8,862 acres - 2 staff

- Protects: habitat vital for 316 species of birds, 54 mammals, 89 amphibians/reptiles, and 144 species of fish!
- Offers: compatible wildlife-dependent recreation, including the Big Six: hunting, fishing, wildlife observation, photography, environmental education, and interpretation.
- Attracts: 400,000 annual visitors. The new Visitor Center opened in 2014 with 10,000 annual visitors.
- Provides: 25 boat ramps into Kentucky Lake, Barkley Lake or refuge impoundments, including 6 in Henry County; 3 observation decks; 3 hiking trails; 1 fishing pier; 1 wildlife drive; 95 miles of refuge roads.
- Generates: 388% return on investment: for every \$1 appropriated, \$4.87 is generated in economic activity to local communities.
- Educates: 3,600 school children with 60 all day field trips; 10 public environmental education events; 2 teacher training workshops.

The Refuge has 80 Volunteers which worked more than 15,000 hours of service in 2022! That equals 7.3 full time employees.

Challenges:

- Staffing shortage: the refuge complex has lost 4 positions in the last 5 years, and may loose up to 5 more by the end of 2024 due to retirement.
- Maintenance backlog: With 314 assets that the refuge complex maintains, the deferred maintenance backlog is almost 60 million. That includes buildings, 95 miles of roads, 25 boat ramps, 30 parking lots, observation decks, fishing piers, water control structures, etc.
- Operational Funding: Demands for habitat management, facility maintenance, visitor reception as well as 60 field trips and 3,600 school children annually far outstrip the operational funding available each year.
- What Can You Do?

 Volunteer or spread the word that we need volunteers. Advocate to your congressional leaders to support refuges.
- Become a Friend of TNWR: Created in 2005, now vital to operations at the refuge and recruiting volunteers! Advocates for the welfare of the refuge.

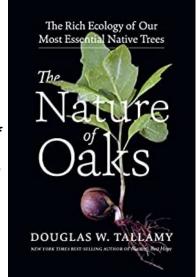


The Nature of Oaks: The Rich Ecology of Our Most Essential Native Trees

Written by Douglas W. Tallamy Published March 30, 2021 by Timber

In his most recent book, *The Nature of Oaks: The Rich Ecology of Our Most Essential Native Trees*, author Douglas W. Tallamy provides an interesting and informative overview of the many reasons oaks are so important for the birds, bees, bugs and beasts—and therefore us.

Tallamy's 10-acre property in Pennsylvania is his testing ground. Mowed for hay for many years, it had few trees when he moved there in 2000, but he immediately began planting, including oaks. Oaks are keystone plants, meaning that a wide range of life depends on them, more than most native plants and much more than non-native plants. He notes



that "oaks are top life-support trees in 84% of the counties in North America, which is just about every county in which they occur." Other native trees are important, but oaks support more life.

Starting in October, the month he began writing the book, Tallamy gives a detailed month-by-month account of what is going on annually with the oaks on his property. From the animals that eat and cache acorns (a blue jay can gather and bury up to 4,500 acorns a year), to marcescence and masting, the various sizes and shapes of acorns, information about the importance of oak leaf litter and what lives in it, there is a lot of information. Tallamy is an entomologist and particularly concentrates on how the many caterpillars, katydids and other insects have evolved to feed off of and live in oaks.

Tallamy also addresses the concerns some people have about oaks—that they're too large and the roots can be disruptive. Oaks come in many sizes and are not just the huge behemoths we usually associate with the name. At the end of the book, Tallamy lists native oaks by region and by size; Tennessee is listed in the Midwest region.

An entomologist, conservationist, and ecologist, Tallamy is a professor in the Department of Entomology and Wildlife Ecology at the University of Delaware. He is the author of three other excellent books, all of them about native plants, the role they play in nature and how to add them to your property. He is a Lifetime Honorary Director of <u>Wild Ones</u>, a national organization with local chapters that promote native plants, and he's the founder of <u>Homegrown National Park</u>, a grassroots effort to restore biodiversity by planting native plants.

As an aside, if you're looking for native trees, including oaks, for your yard, Nashville has several nonprofits that offer help and trees at no or low cost. The <u>Nashville Tree Foundation</u> plants trees throughout Metro and has several free tree giveaways in the fall and spring with upcoming giveaways at the Cherry Blossom Festival (4/15) and Earth Day Festival (4/22). The <u>Nashville Tree Conservation Corps</u> has a tree sale each year. <u>Tennessee Tree Day</u> through the Tennessee Environmental Council annually distributes thousands of bare root seeding trees across the state in mid-March. The <u>Metro Tree Advisory Council</u> (part of the city's beautification program) gives away bare root seedlings at the Lawn and Garden Show in early March each year. <u>Root Nashville</u> is the city's campaign to plant 500,000 trees by the year 2050. The campaign is managed by Cumberland River Compact but anyone who plants trees in Nashville can add their tree to the official "tally".

Reviewed by Cindy Kershner

Hickory-Priest CBC 1Jan 2023

The Hickory-Priest CBC, covering an area east of Nashville, was held on January 1st. Twenty-six (26) birders in 4 parties tallied 98 species. This is slightly above the mid-low 90s average for this count. Mild weather - morning fog giving way to balmy skys, plus good participation made for a successful count. No rare loons were found, with Eared Grebe and Lapland Longspur among the few unusual species found. Thanks to all who came out to help and start the year off with some good birding! Special thanks to Scott Block as spreadsheet master/ co-compiler. See species list below.

Richard Connors TN-HP Compiler/ coordinator Nashville

Canada Goose - 235 Gadwall - 8 American Wigeon - 2 American Black Duck - 2 Mallard - 205 Am. Black Duck/Mallard Hybrid _ 1 Wood Duck - 1 Blue-winged Teal - 2 Northern Shoveler - 13 Northern Pintail - 2 Green-winged Teal - 85 Canvasback - 1 Redhead - 6 Ring-necked Duck - 6 Lesser Scaup - 61 Bufflehead - 40 Common Goldeneye - 25 Hooded Merganser - 37 Ruddy Duck - 37 Wild Turkey - 24 Common Loon - 86 Pied-billed Grebe - 85 Horned Grebe - 287 Eared Grebe - 1 Double-crested Cormorant - 14 American White Pelican - 18 Great Blue Heron - 39 Great Egret - 2 Green Heron - 3 Black-crowned Night-Heron - 1 Black Vulture - 96 Turkey Vulture - 14 Northern Harrier - 1

Cooper's Hawk - 5

Red-tailed Hawk - 9

American Coot - 543

American Woodcock - 1

Red-shouldered Hawk - 8

Bald Eagle - 11

Killdeer - 21

Bonaparte's Gull - 22 Ring-billed Gull - 1000 Herring Gull - 4 Rock Pigeon - 75 Mourning Dove - 51 Eastern Screech-Owl - 1 Barred Owl - 3 Belted Kingfisher - 10 Red-headed Woodpecker - 2 Red-bellied Woodpecker - 27 Yellow-bellied Sapsucker - 14 Downy Woodpecker - 33 Hairy Woodpecker - 3 Northern Flicker - 29 Pileated Woodpecker - 5 American Kestrel - 2 Merlin - 1 Blue Jay - 71 American Crow - 104 Carolina Chickadee - 77 Tufted Titmouse - 31 Red-breasted Nuthatch - 5 White-breasted Nuthatch - 8 Brown Creeper - 16 Winter Wren - 7 Carolina Wren - 54 Golden-crowned Kinglet - 34 Ruby-crowned Kinglet - 6 Eastern Bluebird - 70 Hermit Thrush - 11 American Robin - 2239 Northern Mockingbird - 92 Brown Thrasher - 5 European Starling - 3134 American Pipit - 2 Cedar Waxwing - 8 Lapland Longspur - 1

Pine Warbler - 2

Fastern Towhee - 13

Field Sparrow - 8 Fox Sparrow - 2 Song Sparrow - 26 Swamp Sparrow - 10 White-throated Sparrow - 153 White-crowned Sparrow – 1 Savannah Sparrow - 1 Dark-eved Junco - 27 Northern Cardinal - 113 Red-winged Blackbird - 537 Eastern Meadowlark - 16 Rusty Blackbird - 3 Common Grackle - 349 Brown-headed Cowbird - 115 Purple Finch - 2 House Finch - 90 American Goldfinch - 11 House Sparrow - 24



Nashville CBC Date: 17Dec2022

										
Species	Bells Bend	Harpeth East	Harpeth West	Hwy 70	Owl's Hill	Poplar Creek	Radnor Lake	Warner Parks	West Mead	Total
Geese, Swans, Ducks										
Canada Goose		15		41		13	4		40	113
Mallard		7		7		11	5	19		49
Quail, Turkeys										
Northern Bobwhite			6							6
Wild Turkey	1	1			1	47	1	23		74
Herons, Ibis, Vultures										
Great Blue Heron	1	3	1	1		1	1		1	9
Black Vulture	16	10	33	19	10	53	4	66	14	225
Turkey Vulture	5	1	4	5	1	18		10	4	48
Hawks, Eagles										
Northern Harrier		1								1
Sharp-shinned Hawk	1									1
Cooper's Hawk				1	1	2		1	2	7
Accipiter Species	1									1
Bald Eagle	1		1							2
Red-shouldered Hawk	4						1			5
Red-tailed Hawk	2	5	5	1		6	1	5	4	29
Plovers					1					
Killdeer	9	2	32			9	3	9		64
Sandpipers, Phararopes										
American Woodcock	2									2
Gulls, Terns					1					
Ring-billed Gull	3								1	4
Doves										
Rock Pigeon			4	1		28			4	37
Mourning Dove	2	2	2	1		38		12	7	64
Owls										
Eastern Screech-Owl	2								1	3
Great Horned Owl	2	2				1				5
Barred Owl			1		1		1	3		6
Kingfishers		<u> </u>								
Belted Kingfisher	1	5	2	3		1			1	13
Woodpeckers					•	•		•		
Red-bellied Woodpecker	9	6	9	4	4	7	9	16	2	66
Yellow-bellied Sapsucker	3	1	2	5	1		2	4	2	20
Downy Woodpecker	12	8	2	10	6	8	6	24	5	81
Hairy Woodpecker	1		5					1		7
Northern Flicker	13	1	6	4	4	1	3	4	1	37

Nashville CBC

Date: 17Dec2022

Date: 17Dec2022										
Pileated Woodpecker	2	2	3	2	1	2	4	1	1	18
Falcons										
American Kestrel	2	4	2			2		2		12
Flycatchers										
Eastern Phoebe		1						1		2
Jays, Crows										
Blue Jay	16	15	11	21	7	14	7	30	42	163
American Crow	52	12	15	16	6	36	6	3	37	183
Cickadees, Titmice										
Carolina Chickadee	15	11	18	24	9	22	10	112	8	229
Tufted Titmouse	3	6	12	10	9	20	20	91	3	174
Nuthatches, Creepers										
Red-breasted Nuthatch						1				1
White-breasted Nuthatch	1	5	4	2	5	6	6	24	5	58
Brown Creeper		1	1				2			4
Wrens								•		•
Winter Wren			1				3	2		6
Carolina Wren	18	8	6	7	3	15	9	32	1	99
Kinglets, Gnatcatchers										
Golden-crowned Kinglet	1	2		1	1	1	2	10	4	22
Ruby-crowned Kinglet	3	2	2		1	4	3	5		20
Thrushes										
Eastern Bluebird	17	20	16	10	11	24	15	51	21	185
Swainson's Thrush					1					1
Hermit Thrush	3	1	1	1		2	1	9	1	19
American Robin	240	250	7	38	115	12	50	252	1500	2464
Mockingbirds, Thrashers								•		•
Northern Mockingbird	12	5	12	10	7	29	2	11	41	129
Brown Thrasher	1									1
Starlings, Pipits, Waxwings								•		•
European Starling	55	50	14	56		90		122	1100	1487
Cedar Waxwing	8	8	15	30	1	30	12	38	36	178
Warblers		•		•	•	•	•			
Yellow-rumped Warbler		4	4		17		1	9		35
Sparrows								•		•
Eastern Towhee	21		9	6	6	10		8		60
American Tree Sparrow					2					2
Chipping Sparrow		2								2
Field Sparrow	4	4	12	1	3	6	3	4		37
Savannah Sparrow	1									1
Fox Sparrow	8		2			1		1		12

Nashville CBC

Date: 17Dec2022

Song Sparrow	19		5			4	1	4	1	34
Swamp Sparrow	9		3					1		13
White-throated Sparrow	52	5	36	25	15	34	9	65	26	267
White-crowned Sparrow	1							2		3
Dark-eyed Junco			28	8		6		7		49
Tanagers, Cardinals, Grosbe	eaks, I	Buntiı	ngs							
Northern Cardinal	18	9	17	27	18	34	6	84	67	280
Blackbirds										
Red-winged Blackbird	1	12							10	23
Eastern Meadowlark						2				2
Rusty Blackbird							2			2
Common Grackle						1			14	15
Brown-headed Cowbird								2		2
Finches										
Purple Finch	13		5			1	3	5		27
House Finch	10	6	8	23	3	28	3	60	1	142
American Goldfinch	17	5	18	7	1	10	4	43	33	138
House Sparrow				1						1
Total Species	51	42	45	36	31	45	38	46	36	71
Total Number of Birds	714	520	402	429	271	691	225	1288	3041	7581

Nashville CBC

Date: 17Dec2022

Bells Bend	
Date	12/17/2022
Start & End Time	5:30 to 11:30
Temp & Weather	25 to 45 degrees, started clear and calm, with wind picking up throughout morning
Car Miles & Hours	5 miles 1.5 hours
Foot Miles & Hours	6 miles 5 hours
Owling Miles & Hours	1 mile 45 minutes
Observers	Michael Smith, Brad Dowd, Tim Loyd, Jordan Rex, Barry Tillman, Andy Lantz, Alexa Clay, Abram Clay, Grant Winter, Pandy Upchurch, Bob Upchurch

Harpeth East	
Date	12/17/2022
Start & End Time	7:00am-11:30pm, 1:30pm-3:30pm
Temp & Weather	Cold, sunny, and breezy: 28F to 40F
Car Miles & Hours	14 car miles and 30 minutes hours
Foot Miles & Hours	5 foot miles and 6.5 hours
Owling Miles & Hours	15 minutes
Observers	John Kell, Rita Venable, Trae Bradfield, and Susan Bradfield

Harpeth West	
Date	12/17/2022
Start & End Time	7 AM- 2 PM
Temp & Weather	27F - 46, mostly sunny, breezy
Car Miles & Hours	40 miles 2.5 hours
Foot Miles & Hours	2 miles 4.5 hours
Owling Miles & Hours	NA
Observers	Richard Connors, Shelia Shay, Judy Luna, Roy McGraw, Sherlene Greenhow, Greg Greenhow

Hwy 70	
Date	12/17/2022
Start & End Time	0700-1345
Temp & Weather	30-47, clear, 6mph SW
Car Miles & Hours	34 miles, 1.75 hrs
Foot Miles & Hours	3.6 miles, 5 hrs
Owling Miles & Hours	0
Observers	JoAnn Staples, Laurel Staples, Susie Russenberger

Owl's Hill	
Date	12/17/2022
Start & End Time	7:15 am - 11 am
Temp & Weather	COLD and clear
Car Miles & Hours	0
Foot Miles & Hours	1.5
Owling Miles & Hours	0
Observers	Jona & Valerie Adomakoh, Aparna Arcot, Jean Bucanan, Jackie Byrom, Allyson Davenport, Kelli Fly, Marie Griffin, Patrick Gritton, Lauren Hagan, Denis Lovell, Tera Rica Murdock, Janice Pearson, Anne Snyder, Marcus Snyder, Laura Smith

Nashville CBC

Date: 17Dec2022

Poplar Creek	
Date	12/17/2022
Start & End Time	4:45am to 11:45am, 12:30pm to 4:15pm
Temp & Weather	clear, temp from 27F to 41F
Car Miles & Hours	60 miles, 2 hours
Foot Miles & Hours	6 miles, 8.75 hours
Owling Miles & Hours	11 miles, 1.5 hours
Observers	Francis Fekel, John Froeschauer
Radnor Lake	
Date	12/17/2022
Start & End Time	7:00 - 10:23 a.m.; 2:05 - 3:35 p.m.
Temp & Weather	33 degrees, clear and sunny
Car Miles & Hours	0
Foot Miles & Hours	2.85 miles; 1.5 miles
Owling Miles & Hours	0
Observers	2 - Joe McLaughlin and Cherie Parker

Warner Parks	
Date	12/17/2022
Start & End Time	0730 - 1500
Temp & Weather	Sunny and cold. 29 -45 degrees. Calm in the morning becoming breezy up to 12mph
Car Miles & Hours	18.58 miles & 2hrs & 36 mins
Foot Miles & Hours	13.5 miles & 8 hrs & 40 mins
Owling Miles & Hours	0
Observers	Graham Gerdeman, Laura Cook, Elizabeth Cook, Wayne Klockner, Benjamin Pardo, Amy Pardo, Kim Bailey (7)

West Mead	
Date	12/17/2022
Start & End Time	7 a.m -2:30 p.m
Temp & Weather	29°f - 44°f / Wind 17mph gusts to 28
Car Miles & Hours	38 miles, 2.0 hours
Foot Miles & Hours	4.0 miles, 5.5 hour
Owling Miles & Hours	-
Observers	Tarcila Fox, Richard Fox, Marika Schoenberger