

# B.I.R.D. Bird Information Research and Data

## 2019 Program Report

Warner Park Nature Center, Friends of Warner Parks, and Metro Parks and Recreation



### 2019 Educational Programs

- Connected with **3,593** visitors
- Year-round public banding days, bird hikes, & bird-themed programs
- Public bird programs scheduled each season for a variety of age levels and interests for school field trips, universities, garden clubs, nature club, AP Environmental Science students, summer camps and other groups scheduled by request
- Special bird celebration events held in February, April, August and October each year
- Public invited to observe and participate in bird research projects & contribute to citizen science

### 2019 BIRD Research Projects

1. Long-term Fall Migration Bird Banding (1982): 167 captures, with 26 recaptures
2. Long-term Winter Bird Banding (1983): 250 captures, 45 Downy Woodpeckers
3. Long-term Spring Migration Bird Banding (1983): 96 captures & 1st mobile banding
4. Monitoring Avian Productivity & Survivorship (MAPS, 1991): continent-wide research with Institute of Bird Populations, 128 captures including a Green Heron
5. Breeding Bird Survey (1985): 35th year with 49 bird species
6. Bluebird Nesting Box (1936): Banded 147 bluebird nestlings & 9 adults, 15 adult recaptures. Also 16 Tree Swallow nestlings and 2 adults
7. Purple Martin Nest Box (2002): 4 active nests & banded 14 nestlings
8. WPNC Hummingbird Banding (2002): 83 captures, including 5 recaptures
9. Metro Hummingbird Banding Projects at Bells Bend (2009), Beaman and Shelby Bottoms (2011): total of 180 captures, including 11 recaptures
10. Project FeederWatch (1997): Cornell Lab of Ornithology and National Audubon, 33 species including Brown Creeper and Hermit Thrush
11. eBird (2015): Cornell Lab of Ornithology and National Audubon. Banding Station with 56 species. Seen & heard with 96 species
12. iNaturalist (2018): Warner Park Biodiversity Project with banded species highlighted
13. Bird Genoscape (2015): UCLA Center for Tropical Research to map migratory routes, 7 samples
14. Fall, Winter, Spring, Christmas Bird Counts (1927): Nashville Chapter of Tennessee Ornithological Society to assess long-term populations trends
15. Barn Swallow Project (2018): Park-wide survey found 86 active nests, contributes to the iNaturalist Swallow Tracker Project. Summer BIRD interns assessed reproductive success, banded 29 nestlings at nature center
16. Motus (2019): Received nanotags and a hand-held locator to understand site fidelity and track migratory movements of targeted songbird species starting in 2020. As part of the TN Motus Collaborative, a receiving tower will be installed at the nature center as part of a research network using automated radio telemetry to study movements of small animals



Green Heron



Song Sparrow



White-eyed Vireo

### 2019 BIRD Program Supporters

Andrea Waitt Carlton Family Foundation  
The Barbara J. Mapp Foundation  
Susan O'Neill  
Tara and Ben Armistead  
The Wood Thrush Shop  
CBRE  
Mr. & Mrs. R Steven Preston  
Sara Beth Schwab, Parks Realty  
Mr. & Mrs. Howard H. Lamar III  
Bo & Margaret Tyler  
JLL  
Ghertner & Company, Inc  
Creekside Garden Center & Landscaping  
Mitch Grissim & Associates

Tennessee Wildlife Federation  
National Certified Alarms  
G&G Interiors  
Baker, Donelson, Bearman, Caldwell & Berkowitz  
Lisa & Neil Dashiell  
Katherine & Bruce McCrea  
Diana & Keith McLusky  
Bob Parrish & Sandy Bivens  
Sandra Smith  
Janie and Bill Tillery  
Sarah & Richmond Ross  
Mr. & Mrs. Henry Trost  
Georgeanne & Booth Chapman  
Patty & Steve Ghertner

Shannon & Chris Sloan  
Leah LaRocco  
Laura & Terry Cook  
Barbara & John Kell  
Cynthia Jenkins  
Mary Overstreet  
LK Browning  
Sara E. Saunders Smith  
Adriana & Graham Gerdeman  
John Tumminello  
Dr. Sheri Bartlett Brown  
Emily Bradbury  
Nashville Metro Parks & Recreation  
Warner Park Nature Center  
Friends of Warner Parks

## 2019 BIRD Volunteers

- Volunteers contributed 1,829 hours during 529 visits
- Thank you to this dedicated & expert team of **55 volunteers** who made these BIRD programs and projects possible:

Kathy Shaw	Dr. John Lewis	Melissa Donahue
Diana McLusky	Dylan Lee	Meriel O'Conner
Susan Bradfield	Elizabeth Cook	Nancy Cole
Ethel Kawamura	Elizabeth Lamar	Pat Dishman
John Kell	Graham Gerdeman	Perri Haga
Leah LaRocco	Heather Gallagher	Rachel Anderson
Patty Ghertner	Jan Shaw	Rebecca Dandekar
Justin Hiltner	Janeth McKendrick	Robert Boreman
Emily Moorman	Jean Louis Barnes	Sandra Smith
Amy Pardo	Julie Petch	Scott Gray
Amy Potter	Kassie While	Steve Ghertner
Beth Adams	Kelly Longnecker	Sue Shallow
Beth Preston	Kim Bailey	Susan O'Neill
Camille Monohan	Laurie Campbell	Terry Cook
Carolyn Stevens	Margaret Tyler	The Barnes Family
Cheryl Brummal	Margie Hunter	Toni Rogers
Chris Sloan	Marjorie Koehler	Vera Roberts
Cody Cook	Matt Jenkins	
Daniel Carleton	Melinda Welton	



Some of our amazing BIRD team volunteers with a Hermit Thrush recapture (1st banded by us in 2015)



Volunteer extraordinaire, Diana McLusky helps with every aspect of our program—as a bander, with recapture data, bag maker, BIRD committee, & so much more! Thank you!!

## 2019 BIRD Program Highlights

- Thanks to a dedicated team, Laura Cook received her Federal Master Bander permit & is now the Responsible Individual for the Warner Park Banding Station with 8 sub-permittee banders. And congratulations to John Kell & Laura who attend training in August and then received their Federal hummingbird permit!
- For the 4th year, Lipscomb University has funded summer BIRD interns. Perri Haga & Dylan Lee assessed Barn Swallow nest success & helped with our 2nd annual park-wide Barn Swallow survey.
- The 3rd annual Hummingbird Happy Hour, chaired by Elizabeth Lamar & Margaret Tyler, with an art exhibit by Lexi Armstrong was a huge success!
- The Barbara J. Mapp Foundation provided funding to launch our 16th research project, referred to as Motus. Small nanotag transmitters will allow us to track continental movements of birds. WPNC is now part of the newly formed TN Motus Cooperative.
- The outdoor banding station is now at the new, beautiful program shelter!
- The library building (and BIRD office) has undergone a complete renovation thanks to generous donation from Susan O'Neill, with a grand opening scheduled for April 2020.
- Planning & preparation for a new native plant bird garden on the grounds of the renovated library thanks to a generous donation from Ben & Tara Armistead with plans to be completed by April 2020!
- We celebrated volunteer extraordinaire Diana McLusky's milestone birthday & many years of dedicated service to Warner Parks.
- We launched our mobile banding station & also used the extra equipment to set up additional nets in the native grassland field to capture a greater diversity of bird species.
- A special thank you to Friends of Warner Parks, Metro Parks, and Warner Park Nature Center for their continued support of the BIRD Program!



Susan O'Neill at the Library renovation (above).  
BIRD Intern Perri Haga (right)  
Hummingbird Happy Hour (below)



<b>BIRD Program in an "Egg Shell"</b>	<b>2019</b>
Research and Projects	16 Projects
Bird Banding Station	63 Banding sessions and 1,102 birds banded / recaptured
Participants and Programs	3,593 visitors and participants, and 40 bird programs presented
BIRD Volunteers	Team of 55 trained volunteers
Volunteer Hours Contributed	1829 hours during 529 visits
Partner Organizations	22 Partners
BIRD Intern	2 Interns funded by Lipscomb University and the Biology Department
BIRD Staff	2 part-time staff funded by Friends of Warner Parks