

# Biodiversity Lab Annual Report 2019

North Carolina Museum of Natural Sciences  
& North Carolina State University

We are a research lab studying the ecology, evolution, and conservation of life on earth. We offer a unique spin on science by involving the public through our on-exhibit lab space and research projects. We are a partnership between a Museum and University: conducting research, teaching, and working with students.



## Research Projects

	<b>Movebank</b>	Global archive of animal tracking data
	<b>eMammal &amp; Wildlife Insights</b>	Global archives of camera trapping data
	<b>NC Candid Critters</b>	Citizen Science camera trapping across NC
	<b>Snapshot USA</b>	Nationwide survey of wildlife in all 50 states
	<b>Cat Tracker</b>	Movement and hunting of pet cats around the world
	<b>Food for Thought</b>	Movement of mammals related to their food resources in Panama
	<b>Mast and Mammals</b>	Mammal communities related to tree production in USA
	<b>Zambian Bat Count</b>	Counting the world's largest mammal aggregation



## Staff and Volunteers

The lab this year was run with one permanent staff while a search for a second was underway, and a number of grant-supported staff and interns. We worked with 13 NCSU undergraduate students last year and served on 10 graduate student committees. In addition, we worked with over 100 citizen scientists who participated in our research.

## External Funding

The lab has active grants with the National Science Foundation [3], NC Wildlife Resources Commission [2], NCSU, The Gordon and Betty Moore Foundation and the Lyda Hill Foundation.

## Engagement

Lab staff gave 39 presentations to 3000+ people, served as experts for two TV series on the Science Channel, produced three of our own videos, and started a new podcast: Wild Animals.

## Publications

In 2019 lab members published 18 scientific articles in peer-review journals including one that was the most read article in J. Wildlife Management and one that was "Editor's Choice" for J. Mammalogy.





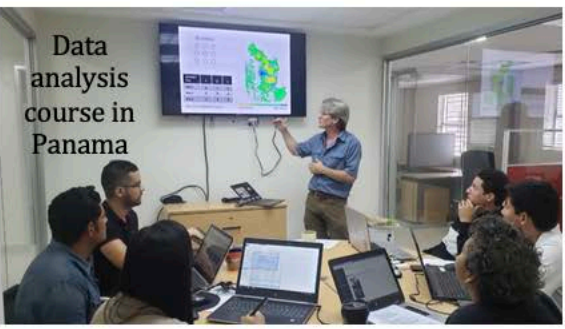
Teaching data analysis course in Scotland



Setting cameras in Virginia



Setting cameras in Yellowstone



Data analysis course in Panama



Setting cameras in Florida



Counting bats in Zambia



WHAT ON EARTH?

Science Channel television show starring Stephanie and Roland



New Podcast

WILD ANIMALS