









Biodiversity Lab Annual Report 2016

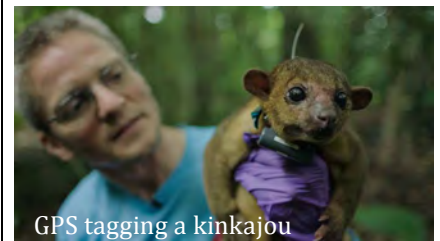
North Carolina Museum of Natural Sciences & NC State University

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, often with citizen scientists. We are a partnership between a Museum and University: conducting research, teaching and working with students.



Research Projects

	Sparrow Swap	Bluebird stewardship and House Sparrow eggs as indicators of pollution
	Neighborhood Nestwatch	Bird breeding & survival
	Sound Around Town	Soundscapes in urban/residential areas
	SciStarter	Outcomes from participation in multiple citizen science projects
	NC Candid Critters	Citizen Science camera trapping across North Carolina
	Students Discover & eMammal	Helping students survey mammals in NC, India, Mexico and Kenya
	Cat Tracker	Movement, personality, and hunting behavior of pet cats
	Food for Thought	Movement of mammals related to fruit trees



Staff and Volunteers

The lab is run by three permanent museum scientists and a number of grant supported staff and interns. We worked with 11 NCSU undergraduate students last year and served on 11 graduate student committees. In addition we worked with 150 citizen scientists who participated in our research projects.

External Funding

The lab has active grants with the National Science Foundation [7], NC Wildlife Resources Commission [1], and the Smithsonian [1].

Teaching & Engagement

We taught Mammalogy at NCSU and are preparing a new course on Public Science. Lab staff gave 52 presentations to >5000 people. We produced two videos, filmed for three TV shows, produced one teacher workshop and two webinars, and gave 21 radio or podcast interviews. We published 12 posts at blogs including Scientific American and PLoS. We are active on twitter, and host a regular online discussion (#CitSciChat).

Publications

In 2016 lab members published 18 scientific articles in peer review journals and books on citizen science and camera trapping.

