

## South Florida Deer Research Project Quarterly Update April - June 2017

### Survival Monitoring

- During this quarter, we investigated 7 (2 males; 5 females) mortalities.
- The mortalities were categorized as follows: 6 panther predation events, and 1 unknown. In some instances we cannot definitively eliminate the possibility of scavenging, and the causes of all mortality data should be considered preliminary until all reviews are completed.
- 25 collars (3m 22f) reached the end of their deployments and were remotely released and recovered.
- We currently have 98 deer radio-collared.
- We continue to compile and process GPS collar data. To date, we have 514,628 locations of individual deer.

### Camera Trapping

- We continued to monitor the 180 cameras in the Florida Panther National Wildlife Refuge and Big Cypress National Preserve.
- Each camera trap was visited at least three times during the quarter to download data and to maintain the trap site (i.e., clear vegetation, replace batteries, and exchange any malfunctioning cameras).

### Other Activities

- The South Florida Deer Team gave a presentation at the Florida Chapter of Wildlife Society Meeting, Orlando, FL.

The South Florida Deer project provides an opportunity to also to evaluate our traditional aerial surveys by allowing us to estimate the probability that a deer is detected.

