



2019 Annual Meeting

Alabama Chapter of The Wildlife Society

NaturePlex
Alabama Nature Center
Millbrook, AL

Wednesday, July 10th

PROFESSIONAL DEVELOPMENT PROGRAM

Using Camera Surveys for Monitoring Wildlife Populations
Alabama Cooperative Fish and Wildlife Research Unit

9:00 **REGISTRATION**

10:00 **Camera Surveys for Monitoring Wildlife**

- Introduction to Camera Surveys
- History and uses
- Setting survey objectives – monitoring, reconnaissance, or management?
- Designing surveys to meet objectives – where, when, how many, how long?

12:00 **Lunch at Alabama Nature Center**
\$12 for Chappy's Deli Boxed Lunch **OR** bring your own lunch

1:00 **Camera Surveys for Monitoring Wildlife - continued**

- Selecting and programming cameras
- Preparing a survey protocol
- Data collection and management
- Analytical techniques

6:00 **SOCIAL**

Mellow Mushroom, 2641 Legends Pkwy, Prattville, AL 36066

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Thursday, July 11th

Scientific Program & Business Meeting

* Denotes Student Presenter

7:00 **REGISTRATION**

8:00 **WELCOME/RECAP FROM PDP**

Barry Grand, President, Alabama Chapter of The Wildlife Society
Tim Gothard, Alabama Wildlife Federation

8:20 **Comparing camera survey designs for monitoring eastern wild turkey populations**
- Skylar R. Keller,* Auburn University

8:40 **Determining eastern wild turkey population response to 9-day delay in spring harvest season** - Briana D. Stewart,* Auburn University

9:00 **Habitat selection by female eastern wild turkey** - Lee A. Margadant,* Auburn University

9:20 **Effects of allelic diversity in the Major Histocompatibility Complex (MHC) on reproductive success in white-tailed deer** - Carolyn E. Moore,* Auburn University

9:40 **BREAK/POSTER SESSION**

10:00 **INVITED SPEAKER:** Dr. John P. Friel, Director, Alabama Museum of Natural History will be speaking about iNaturalist, an application for identifying, cataloguing, and researching plants and animals.

11:00 **CHAPTER BUSINESS MEETING**

11:45 **LUNCH AT ALABAMA NATURE CENTER (PROVIDED WITH REGISTRATION)**

12:45 **AGENCY UPDATES**

1:30 **Impacts of wild pigs on acorns as a food source for native wildlife** - Arielle S. Fay,* Auburn University

1:50 **Hormonal shifts in white-tailed deer testosterone cycles: Alabama deer finish last** - Monet A. Gomes,* Auburn University

2:10 **BREAK/POSTER SESSION**

2:30 **Investigating the American alligator in North Alabama: Separating fact from fiction** - Andrew W. Cantrell,* Alabama A&M University

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- 2:50 **Demographic consequences of late breeding chronology in translocated white-tailed deer** - Mark A. Turner,* Auburn University
- 3:10 **BREAK**
- 3:15 **END NOTES**
Student Presentation Awards
Election Results
Closing Comments
- 4:00 **MEETING ADJOURN**

POSTERS

Effects of Grassland Restoration on Beetles in Alabama's Black-Belt Prairies

Thomas P. Franzem*, University of Alabama

Prey Availability for Red-cockaded Woodpeckers in Talladega National Forest, Oakmulgee Ranger District, AL

Franco Gigliotti*, University of Alabama

Estimating Cub Survival of Black Bears in Alabama

Hannah Leeper*, Auburn University

The Wildlife Society Professional Development Program has approved 11.5 Continuing Education Units (CEUs) in Category I of the Certified Wildlife Biologist Renewal/Professional Development Certificate Program for participation in the ACTWS 2019 Annual Meeting.