



E3B MA THESIS PRESENTATIONS

TUESDAY, MAY 9, 2017, 1:00-4:30 PM
1015 SCHERMERHORN EXTENSION

DEPARTMENT OF ECOLOGY, EVOLUTION AND
ENVIRONMENTAL BIOLOGY



1:00-1:15: *Understanding Dynamic Male Numbers and Behavior in Blue Monkey Groups*- **Lu Gao**

1:15-1:30: *Resolving the radiation and phenotypic evolution of basal Neoaves: Beginning construction of a new morphological dataset and a novel sister taxon for Aptornis* -**Grace Musser**

1:30-1:45: *Quantifying the influence of diurnal and seasonal cycles on the vocalization patterns of marine mammals in the Northern Bering Sea* -**Steph Sardelis**

1:45-2:00: *Rarely there, yet not so rare when there: Population dynamics and life history strategies in an endangered wetland sedge (*Rhynchospora knieskernii*)* - **Heidi Cunnick**

2:00-2:15: *Male-like female morphs in hummingbirds: the evolution and pervasiveness of a surprisingly common sex-limited polymorphism* - **Eleanor Diamant**

2:15-2:30: *Habitat Dynamics, Demography, and Genetic Diversity: The Conservation of Endangered American Chaffseed (*Schwalbea americana*)* - **Brandi Cannon**

2:30-2:45: COFFEE AND TEA BREAK

2:45-3:00: *Food Security, Marine Conservation and Dietary Health of the Small Scale Fishers of Belize*- **Wendy Flores**

3:00-3:15: *Using Behavior to improve captive management of Snow Leopards (*Uncia uncia*)* - **Tricia Gunther**

3:15-3:30: *The genomics of behavioral adaptation to photoperiodism in an Asian burying beetle* -**Yuki Haba**

3:30-3:45: *Testosterone, social status and parental care in a cooperatively breeding tropical passerine*- **Alyx Pikus**

3:45-4:00: *Measuring water flux through urban street vegetation: a comparison between thermography and stomatal conductance in New York City bioswales* - **Sarah Bruner**

4:00-4:15: *The Influence of Temperature on the Development, Mortality, and Spatial Behavior of Vernal Pool Odonate Larvae*- **Nene Ugbah**

4:15-4:30: *The use of remote sensing to understand drought and forest recovery in Puerto Rico* -**Andrew Budsock**

RECEPTION FOLLOWS IMMEDIATELY