

**Ecology and Evolutionary Biology Symposium, TURKEY 2014**

**SCHEDULE & SCIENTIFIC PROGRAM**

**JULY 11<sup>TH</sup> 2014 (Venue: Özger Arnas Hall)**

**12:00 – 17:00 Registration**

**JULY 12<sup>TH</sup> 2014 (Venue: Albert Long Hall)**

**08:00-12:00 Registration**

**08:45 – 09:00 Welcome Address**

**Ecology Session Part 1**

**09:00-09:45 Juli Pausas [Keynote Speaker]  
“Fire and Biodiversity”**

09:45-10:00 Çağatay Tavşanoğlu  
“Comparing Patterns of Post-Fire Germination in Central Anatolian Steppe and Mediterranean Plants: Implications For Pyrogeography”

10:00-10:15 Ayşegül Birand  
“Ecological Co-optation in Birds”

10:15-10:30 Yuval Sapir  
“Species Differentiation and the Spatial Scale of Ecologically-driven Speciation in Middle-Eastern Irises”

**10:30-11:00 Coffee break**

11:00-11:15 Burçin Yenisey Kaynaş  
“Pollination Strategies of Plant Species in Phrygic Ecosystems of Southwestern Turkey”

11:15-11:30 Melike Bor

“Gamma-amino Butyric Acid (GABA) Shunt in Phylogenetically Divergent Plants”

11:30-11:45 İstem Fer

“Vegetation Dynamics in East Africa: Past, Present and Future”

11:45-12:00 Tuba Bucak

“Zooplankton Avoidance Strategies Against Predation in Turkish Shallow Lakes: Experimental Approaches”

12:00-12:15 Oğuzhan Kanmaz

“Spatial and Temporal Patterns of a Zebra Mussel Invasion: An Individual Based Modelling Study”

12:15-12:30 Eti Ester Levi

“Congruence Between Modern Vegetation and Plant Remains Assemblages in the Sediment Surface for Assessing Lake Ecological Status”

**12:30-14:00 Lunch Break**

### **Evolutionary Biology Session Part 1**

**14:00-14:45 Jennifer Leonard [Keynote Speaker]**

**“Dynamic Populations in Late Pleistocene Beringia”**

14:45-15:00 Elizabeth Hemond

“Transcriptomic Variation Between Day and Night in the Coral Endosymbiont Symbiodinium “

15:00-15:15 Mehmet Somel

“A Novel Fixation Bias for Extended Homopolymers in the Human Genome”

15:15- 15:30 Verónica Pourroy

“Lizards in Space: Biogeographic Variation in Morphometrics of *Anolis sagrei*”

**15:30-16:00 Coffee break**

16:00-16:15 Tsegazeabe Hadush Haileselesie

“Population Genetic Structure of the Water Flea along an Age-Gradient of Novel Habitats Created by Ice Retreat in Greenland”

16:15-16:30 Öncü Maracı

“Evolutionary Relationships and History of Rye (*Secale* spp.)”

16:30-16:45 Çiğdem Akın Pekşen

“Do Discordant Mitochondrial and Nuclear Distribution Patterns Indicate Introgression Following Secondary Contact between Anatolian Water Frog Lineages (*Pelophylax* Cf. *bedriagae*) and European Water Frog Lineage (*Pelophylax ridibundus*) In Anatolia?”

16:45-17:00 Tom Ellis

“Mechanisms of Selection in an *Antirrhinum* Hybrid Zone”

**17:00-18:30 Poster Session (Venue: Özger Arnas Hall)**

**19:30-21:30 Cocktail (Venue: Kennedy Lodge)**

**JULY 13<sup>TH</sup> 2014 (Venue: Albert Long Hall)**

**Ecology Session Part 2**

- 09:00-09:45 Luigi Boitani [Keynote Speaker]**  
**“Where is a Species? Representing Species on a Map”**
- 09:45-10:00 Vassiliki Kati  
“Forest Management for Woodpecker’s Conservation: A Lesson from Epirus Sacred Groves, NW Greece “
- 10:00-10:15 Anil Soyumert  
“Species Richness and Relative Abundance of Large Mammals in Protected Areas of Northern Anatolia”
- 10:15-10:30 Kaan Kerman  
“Avoiding Pitfalls in Detecting Behavioral Syndromes in Previously Untested Species: A Case Study on Monk Parakeets
- 10:30-11:00 Coffee break**
- 11:00-11:15 Haritakis Papaioannou  
“Conservation Management of the Balkan Chamois in Timfi Mount, NW Greece”
- 11:15-11:30 Batur Avgan  
“Testing the Assumptions of Relative Abundance Indices Used in Camera-trapping Studies”
- 11:30-11:45 Mert Elverici  
“Compositional Changes in Ground Spider Fauna Over the Seasons: An Additional Case from the Mediterranean”
- 11:45-12:00 Bahar Patlar  
“The Longer is The Better: The Role Of Testis and Sperm Size on Sperm Competition in Animals”
- 12:00-12:15 Korhan Özkan  
“Long-term Trends in Danish Lake Plankton and The Effects of Nutrient Reduction and Climatic Changes”

12:15-12:30 Deniz Innal  
“Seasonal Variations in Species Diversity and Relative Abundance of Fishes in Belek Coast of Antalya Gulf-Turkey”

**12:30-14:00 Lunch Break**

**Evolutionary Biology Session Part 2**

**14:00-14:45 Nick Barton [Keynote Speaker]**

**“Modeling Evolution”**

14:45-15:00 Eren Yüncü

“Gaining Insight into the Evolutionary History of Sheep in Anatolia”

15:00- 15:15 Gönensin Ozan Bozdağ

“The Genetics of a Putative Social Trait in Natural Populations of Yeast”

15:15-15:30 Kübra Karaman

“A Genetic Investigation on the Evolution and Taxonomy of the Genus *Nannospalax* in Turkey”

**15:30-16:00 Coffee break**

16:00-16:15 *Faheem Shehzad Baloch*

iPBS Retrotransposons Marker For Diversity Analysis Among Wild Lens Species From Turkey

16:15-16:30 Zeycan Helvacı

“Geographic Structure of the Edible Dormouse in Turkey”

16:30-16:45 Can Bilgin

“Brown Bears from Turkey Show Exceptionally High Maternal Lineage Diversity”

16:45-17:00 Jacob Moorad

“Polygamy and Sexual selection for Long-life”

17:00-17:15 Ekin Sađlıcan

“Mechanisms of Testes Expression Divergence in Humans and Chimpanzees”

17:15-17:30 Golshan Zare

“Molecular and Morphological Phylogeny of the genus *Orobanche* L. (Orobanchaceae) with Emphasis on Turkish Taxa”

**17:30 – 18:00 Announcement of Student Awards & Final Remarks**