

POSTER SESSION

ECOLOGY POSTER SESSION

- ECO-01: “Ecological Niche Modeling as a Baseline Tool for Evolutionary Analysis of the Melanism in Felidae”
Lucas Goncalves da Silva and Eduardo Eizirik
- ECO-02: “Comparative Ecological Value of Sacred Groves Versus Managed Forests in Terms of Bird Communities”
Haritakis Papaioannou, Eleftherios Kapsalis, and Vassiliki Kati
- ECO-03: “Modelling the Future Trophic State of Lake Beyşehir Considering Climate and Land Use Changes”
Tuba Bucak, Dennis Trolle, Hans E. Andersen, Hans Thodsen, J. Alex Elliott, Seyda Erdoğan, Ayşe İdil Çakıroğlu, Meryem Beklioğlu
- ECO-04: “The Effect of Diet at Larval and Adult Stage on Life Span in *Drosophila melanogaster*”
Pınar Güler, Nazlı Ayhan, Ergi Deniz Özsoy, Banu Şebnem Önder
- ECO-05: “Effects of past climate changes on the geographic distribution of *Quercus robur*”
Elif Deniz Ülker, Utku Perктаş, Çağatay Tavşanoğlu
- ECO-06: “Changes in the Delivery of Nutrients to Coastal Ecosystems in the Anthropocene: A Sustainability Issue for the 21th century”
Esra Kocum
- ECO-07: “Abies Taxa of Turkey; Ecological Features and Economical Uses”
Elif Merdamert, Mustafa Eray Bozyel, Burak Özdemir² and Ahmet Gönüz
- ECO-08: “Current Status and Threats of Elasmobranchii Species in the Seas of Turkey”
Duygu Akdoganbulut
- ECO-09: “What Shapes Species Distribution? A Case Study on Spadefoot Toads (Genus *Pelobates*)”
Elena Buhaciuc, Florina Stănescu, Paul Székely, Diana Székely, Ciprian Samoilă, Ruben Iosif, Raluca Băncilă, Daniela Roşioru and Dan Cogălniceanu
- ECO-10: “Orchids: Queen of Mimicry”

Mustafa Eray Bozyel, Elif Merdamert and Ahmet Gönüz

ECO-11: “Testing New Methods to Extract Skin Toxins *in vivo* From common toad Tadpoles”
Katalin Pásztor, Anikó Kurali and Zoltán Tóth

ECO-12: “Role of Serotonin in Environmental Stress Induced Sex Determination in *Daphnia*”
Babür Erdem and Meral Kence

ECO-13: “Chitosan; Attractive Biopolymer for Removal of Heavy Metal Ions From Wastewater”

Burak Özdemir, Cüneyt Aki

EVOLUTIONARY BIOLOGY POSTER SESSION

EVO-01: “Transposable Element Variation and Hybrid Dysgenesis in *Drosophila simulans*”
Tom Hill, Christian Schlotterer, Andrea Betancourt

EVO-02: “Integrating Phylogeny and Climatic Data to Explore Speciation in *Phoenicolacerta cyanisparsa* (Schmidler & Bischoff, 1999) and *Phoenicolacerta laevis* (Gray, 1838)”
Serkan Gül

EVO-03: “Determining the Replication Fidelity of Ciliate β -Family DNA Polymerases”
Sibel Kucukyildirim, Way Sung, Thomas G. Doak, Lydia J. Bright and Michael Lynch

EVO-04: “Global warming and Germination patterns in Central Anatolian Steppe (Turkey): An Experimental Approach”

İsmail Bekar and Çağatay Tavşanoğlu

EVO-05: “Genetic Analyses on *Lynx lynx* Populations of Anatolia”
Oya Carlı, Numan Cömert, Batur Avgan, H. Benan Dinçtürk

EVO-06: “Evolutionary Relationships of Bladder Tumors”
Ezgi Özkurt, Gulfem Demir, Mehmet Somel, Can Alkan, Nathan Lack

EVO-07: “Effects of smoke solutions and nitrates on seed germination in species from the eastern Mediterranean Basin”

Şükrü Serter Çatav, Kenan Akbaş, Köksal Küçükakyüz and Çağatay Tavşanoğlu

- EVO-08: “Mitochondrial DNA Diversity of Swordfish from the Coasts of Aegean and Mediterranean Seas in Turkey”
Eren Yüncü, Füsün Özer, Mehmet Gökoğlu, Saadet Karakulak, Turgul Zahit Alıçlı and İnci Togan
- EVO-09: “Differential Release Of The Life History Related Genetic Variance Under Dietary Restriction in *Drosophila melanogaster*”
Nazlı Ayhan, Pınar Güler, Banu Şebnem Önder and Ergi Deniz Özsoy
- EVO-10: “Rapid Identification of Two Medium-Sized Horseshoe Bats *Rhinolophus blasii* and *R. euryale* Using ISSR-PCR Method”
Ivana Budinski, Marija Rajičić, Vladimir Jovanović, Tanja Adnađević, Vanja Bugarski-Stanojević and Mladen Vujošević
- EVO-11: “Genetic and Morphological Characterization of a Newly Found *Aphanius* Population (Cyprinodontidae) from Kaklık, Turkey”
Christopher Pichler, Eva Ringler, Anton Weissenbacher, Matthias Affenzeller, Andreas Tribsch, Jörg Freyhof, Füsün Erk’Akan and Günter Gollmann
- EVO-12: “Phenotypic Differentiation of the Genus *Mus* Based on Molar Shape”
Güliz Yavuz, Ercüment Çolak and Zeycan Helvacı
- EVO-13: “Evolution of Gene Regulation: Do evolutionary forces and physical constraints lead a trade-off between transcription factor binding length and specificity?”
Murat Tuğrul, Tiago Paixao, Gasper Tkacik, and Nick Barton
- EVO-14: “Biogeography of Turkish Populations of Yellow-necked Field Mice Using Ecological Niche Modelling”
Eren Ada, Hakan Gür and Utku Perktas
- EVO-15: “Prey-predator Coevolution in Spatially Structured Environments”
Gökçe Ayan and Lutz Becks
- EVO-16: Cansu Çetin
“The Population Genetic Structure of *Pachygrapsus marmoratus* on Turkish Straits System, “The Aegean Sea, The Black Sea And The Levantine Sea and the Role of Turkish Straits System on its Gene Flow”