

## Ecology and Evolutionary Biology Society of Turkey

The Society, established in 2015, aims to promote scientific research in the fields of ecology and evolutionary biology in Turkey.

Specifically, our goals are:

1.

To unite researchers of ecology and evolution under the same organization,

2.

To encourage young scientists' to choose these areas and support them in their education and training,

3.

To further scientific research in these areas in Turkey, both qualitatively and quantitatively.

We are a community of mostly young researchers in ecology and evolutionary biology. About half of our membership work within Turkey, the other half being students or faculty abroad. Society members also include researchers of foreign citizenship working in Turkey.

**Recent research articles by Society members:**

2016

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47. "Plasticity and regeneration of gonads in the annelid *Pristina leidyi*." **Özpolat BD**, Sloane E, Zattara EE, Bely AE (2016).

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46. "Long-term trends and temporal synchrony in lake plankton richness, diversity and biomass driven by re-oligotrophication and climate across 17 Danish Lakes". **Özkan K**, Jeppesen E, Bjerring RB, Johansson LS, Davidson TA, Søndergaard M, Lauridsen TL, Svenning JC (2016).

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45. Flegontov P, Changmai P, Zidkova A, Logacheva MD, **Altınışık NE**, Flegontova O, ... & Neretina T (2016). Genomic study of the Ket: a Paleo-Eskimo-related ethnic group with significant ancient North Eurasian ancestry.

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44."Insulin signalling mediates the response to male-induced harm in female *Drosophila melanogaster*". **Sepil I**, Carazo P, Perry JC & Wigby S (2016). *Scientific Reports*, [doi:10.1038/srep30205](https://doi.org/10.1038/srep30205)

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43."Inbreeding removes sex differences in lifespan in a population of *Drosophila melanogaster*." Carazo P, Green J, **Sepil I**, Pizzari T & Wigby S (2016). *Biology Letters*, [doi:10.1098/rsbl.2016.0337](https://doi.org/10.1098/rsbl.2016.0337)

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42."From population genomics to conservation and management: a workflow for targeted analysis of markers identified using genome-wide approaches in Atlantic salmon *Salmo salar*."

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41. "Developmental and molecular biology of annelid regeneration: a comparative review of recent studies." **Ozpolat BD** & Bely AE (2016). *Current Opinion in Genetics & Development*. [doi:10.1016/j.gde.2016.07.010](https://doi.org/10.1016/j.gde.2016.07.010)

40. "The Anatolian diagonal revisited: Testing the ecological basis of a biogeographic boundary." **Gür H** (2016). *Zoology in the Middle East*. [doi:10.1080/09397140.2016.1226544](https://doi.org/10.1080/09397140.2016.1226544) .

39. "Recent evolution of the salivary mucin MUC7." Xu D, Pavlidis P, Thamadilok S, Redwood E, Fox S, Blekhman R, Ruhl S & **Gokcumen O** (2016). *Scientific Reports*. [doi:10.1038/srep31791](https://doi.org/10.1038/srep31791)

38. "Exceptional maternal lineage diversity in brown bears (*Ursus arctos*) from Turkey." **Çilingir FG**

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37. "Measuring the impact of the pet trade on Indonesian birds." Harris JBC, Tingley MW, Hua F, Yong DL, Adeney JM, Lee TM, Marthy W, Prawiradilaga DM, **Sekercioglu CH**, Suyadi, Winarni N & Wilcove DS (2016).

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36. "The Demographic Development of the First Farmers in Anatolia." **Kılınç Gülşah M**, Omrak A, Özer F, Günther T, Büyükkarakaya Ali M, Bıçakçı E, Baird D, Dönertaş Handan M, Ghalichi A, Yaka R, Koptekin D, Açıan Sinan C, Parvizi P, Krzewińska M, Daskalaki Evangelia A, Yüncü E, Dağtaş Nihan D, Fairbairn A, Pearson J, Mustafaoğlu G, Erdal Yılmaz S, Çakan Yasin G, Togan İ,

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34. "The avian scavenger crisis: Looming extinctions, trophic cascades, and loss of critical ecosystem functions." Buechley ER & **Şekercioglu ÇH** (2016). *Biological Conservation*. [doi:10.1016/j.biocon.2016.04.001](https://doi.org/10.1016/j.biocon.2016.04.001)

33. "The Rate and Spectrum of Spontaneous Mutations in Mycobacterium smegmatis, a Bacterium Naturally Devoid of the Postreplicative Mismatch Repair Pathway." **Kucukyildirim S**, Long H, Sung W, Miller SF, Doak TG, Lynch M (2016).

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24. "Integrating morphology, phylogeography, and ecological niche modeling to explore population differentiation in North African Common Chaffinches." **Perktaş U**, Peterson AT & Dyer D (2016). *Journal of Ornithology*

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