Onur Uluar *Curriculum Vitae*

Personal Information Birth: 10 Dec. 1993 Ankara/Turkey Nationality: Republic of Turkey

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Education

Akdeniz University, Antalya, Turkey **2018 - 2024**

PhD., Zoology Section, Institute of Science,

Department of Biology

- Advisor: Prof. Dr. Battal Çıplak

Akdeniz University, Antalya, Turkey **2017-2018**

MSc., Zoology Section, Institute of Science,

Department of Biology

- Advisor: Prof. Dr. Battal Çıplak

Hacettepe University, Ankara, Turkey **2015-2017**

MSc. Candidate, Zoology Section, Institute of Science, Department of Biology

- Advisor: Prof. Dr. Utku Perktaş

Hacettepe University, Ankara, Turkey **2011 – 2015**

B.S., Biology, Faculty of Science, Department of Biology

- Cumulative GPA: 3.06/4.00

Work Experince

Research assistant **2017 –**

- Akdeniz University**,** Faculty of Science, Biology Department, Antalya, Turkey

Research Experience ***Undergraduate***

Internship - **Hacettepe University,** Ankara, Turkey **2014 (June-August)**

- Health Sciences Institute – Medical Biology Department
- Advisor: Prof. Çetin Kocaefe

Research student - **Hacettepe University,** Ankara, Turkey **2012-2014**

- Evolutionary Genetics Laboratory - Genetic Section – Biology Department
- Advisor: PhD.Banu Şebnem Önder
- Effects of Dietary Restriction on *Drosophila melanogaster* 's Life History Traits, Geometric Morphometrics.

Research student - **Hacettepe University,** Ankara, Turkey **2011-2012**

- Ecological Sciences Research Laboratory- Ecology Section –Biology Department
- Advisor: Prof. Bülent Alten
- Narrow sense heritability of body size and its response across different developmental temperatures in *Culex quinquefasciatus* , Identifications of mosquito species of Turkey.

Graduate Student

Akdeniz University, Antalya, Turkey **2017-2018**

- Zoology Section, Department of Biology, Molecular Evolution and Biogeography Laboratory & Ethological Entomology Laboratory
- Advisor: Prof. Battal ÇIPLAK
- The Secondary Structure of ITS2 In Anterastes (Orthoptera, Tettigoniidae) Species: It's Utility In Species Characterisation, Barcoding And Phylogeny

Hacettepe University, Ankara, Turkey **2015 - 2017**

- Zoology Section, Department of Biology, Biogeography Research Lab.
- Advisor: Prof. Dr.Utku Perktaş
- The Pleistocene history of a passerine bird species: phylogeography and ecological niche modelling of the blackcap.

University of Evora, Evora, Portugal **2016 – Erasmus Internship**

- Research Centre in Biodiversity and Genetic Resources, Climate Change and Biodiversity Group

- Supervisors: Prof. Dr. Miguel B. Araujo,
- Prof. Dr. Ana Márcia Enes Barbosa
  - Species Distribution Modelling in R, Ecological niche modelling of the blackcap.

Publications

1. Kaya, S., Chobanov, D., Heller, K. G., Yahyaoğlu, Ö., **Uluar, O.,** & Ciplak, B. (2018). Review of Poecilimon species with inflated pronotum: Description of four new taxa within an acoustically diverse group. In Zootaxa (Vol. 4462, Issue 4, pp. 451–482). Magnolia Press.

2. **Uluar, O.,** & Çiplak, B. (2020). Evolution, characterization and phylogenetic utility of ITS2 gene in Orthoptera and some Polyneoptera: Highly variable at the order level and highly conserved at the species level. Zootaxa, 4780(1), 54–76.

3. Çıplak, B., Yahyaoğlu, Ö., & **Uluar, O.** (2021). Revisiting Pholidopterini (Orthoptera, Tettigoniidae): Rapid radiation causes homoplasy and phylogenetic instability. Zoologica Scripta, 50(2), 225–240.

4. **Uluar, O.,** Yahyaoğlu, Ö., & Çıplak, B. (2021). Review of Uvarovistia (Orthoptera: Tettigoniidae; Tettigoniinae): Genetic data indicate a new cryptic species, Uvarovistia munzurensis sp.n. In Zootaxa (Vol. 4952, Issue 1, pp. 152–168). Magnolia Press.

5. Yahyaoğlu, Ö., **Uluar, O.,** & Çiplak, B. (2022). The genus Apholidoptera of Pholidopterini (Orthoptera, Tettigoniidae): Molecular phylogeny confirms the generic status. Zootaxa, 5120(1), 143–150.

6. Çiplak, B., Yahyaoğlu, Ö., **Uluar, O.,** Doğan, Ö., Başibüyük, H. H., & Korkmaz, E. M. (2022). Phylogeography of Pholidopterini: Revising molecular clock calibration by Mid-Aegean Trench. Insect Systematics and Evolution, 110(4).

7. **Uluar, O.,** Yahyaoğlu, Ö., & Çiplak, B. (2022). Anatolian endemic genus *Bolua* (Orthoptera:Tettigoniidae:Tettigoniinae):genetic and phenotypic data indicate inconsistent diversity and evolutionary patterns. Zootaxa, 5195(3), 224–240.

8. Karakas, M. Y., Yahyaoglu, Ö., **Uluar, O.,** Budak, M., & Çiplak, B. (2023). Mitochondrial genome of Poecilimon cretensis (Orthoptera: Tettigoniidae: Phaneropterinae): Strong phylogenetic signals in gene overlapping regions. Zootaxa, 5263(1), 141–147.

9. **Uluar, O.,** Yahyaoğlu, Ö., Başıbüyük, H. H., & Çıplak, B. (2023). Taxonomy of the rear-edge populations: the case of genus Anterastes (Orthoptera, Tettigoniidae). Organisms Diversity and Evolution, 23(3), 555–575.

10. Yahyaoğlu, Ö., Doğan, C. T., **Uluar, O.,** Karakaş, M. Y., & Çiplak, B. (2023). Mitogenome of Xya pfaendleri (Orthoptera: Caelifera): Its comparative description and phylogenetic position within Tridactylidea. Zootaxa, 5369(4), 576–584.

11. Çıplak, B., & **Uluar, O.** (2024). Anatolian Short-Horned Grasshoppers Unveiled: Integrating Biogeography and Pest Potential. Insects, 15(1).

12. Çıplak, B., Yahyaoğlu, Ö., **Uluar, O.,** & Knowles, L. L. (2024). Understudied regions and messy taxonomy: Geography, not taxonomy, is the best predictor for genetic divergence of the Poecilimon bosphoricus species group. Systematic Entomology, 49(2), 221–236.

13. Karakaş, M. Y., **Uluar, O.,** Yartaş, M., & Çıplak, B. (2025).

Mitophylogenetic patterns in Tettigoniidae: Insights from the complete mitogenome of Saga natoliae (Orthoptera). Zootaxa, 5569(3), 459–476.

14. **Uluar, O.,** Chobanov, D., & Çıplak, B. (2025). Merging taxonomy to systematics: A holistic approach to understanding the Poecilimon zonatus group (Orthoptera, Phaneropterinae). Arthropod Systematics & Phylogeny. In press.

15. Yahyaoğlu, Ö., **Uluar, O.,** & Çiplak, B. (2025). Priceless or worthless: Conserving Psorodonotus ebneri, one of the World's 100 most threatened species, Journal of Insect Conservation. In press.

Oral Presentations

Çıplak, B., Kaya S., Yahyaoğlu, Ö. & **Uluar, O.** XXXVII Annual Meeting of the Willi Hennig Society, "Hybridisation as source of genetic variations: a snapshot from *Poecilimon bosphoricus* species group (Orthoptera, Tettigoniidae)". 2018, Barselona, Spain,

Çıplak, B., Kaya S., Yahyaoğlu, Ö. & **Uluar, O.** Ecology and Evolutionary Biology Symposium, "Radiation via repeated hybridisation: Evolution in *Poecilimon bosphoricus* species group (Orthoptera, Tettigoniidae)". 2018, İzmir, Turkey.

Çoban, I., **Uluar, O.,** Sen, Ö., Ayan, N., Oğuz, A. "Speciation Mechanisms." Evolutionary Biology Student Congress: Speciation.
Ankara,Turkey. 04-05 May 2013. (In Turkish)

Ayhan, N., Aygün,D., Daşer, B., **Uluar,O.,**Yarman,O.,Koyaş,A.
"Out of Africa and Mixture of Other Species." Evolutionary Biology Student Congress: Human Evolution. Ankara ,Turkey 02-03 May 2012. (In Turkish)

Poster Presentations

ULUAR O., KAYA S. & ÇIPLAK B., "Phylogenetic Utility of Secondary Structure of ITS2: A Snapshot from *Anterastes* (Orthoptera, Tettigoniidae)" Ecology and Evolutionary Biology Symposium. İzmir, Turkey. 18-20 July 2018.

ULUAR O., ELVERİCİ C., ADA E., PERKTAŞ U. "The Pleistocene history of a passerine bird species: phylogeography and ecological niche modeling of the blackcap." II. Ecology and Evolutionary Biology Symposium. Ankara, Turkey.
6-7 August 2015. Abstract

SUBAŞI B., ÖZSOY B., **ULUAR, O**., AYHAN N., GÜLER P., ÖNDER Ş.B GÖZÜBÜYÜK M.,YÖRGÜÇ C. "Correlation between cold resistance and body size on *Drosophila melanogaster."* 20. National Biology Congress. Zonguldak, Turkey. 24-27 June 2013. (In Turkish)

Scientific Activities

Mathematical Evolution Workshop (Mathematics Village, Sirince, Izmir, Turkey. Instructors: Omer Gokcumen, PhD; Mehmet Somel PhD, Emre Karakoc, PhD; Arpat Ozgul, PhD.) 6-13 September 2015.

Participant at the 2nd International Ecology and Evolutionary Biology Symposium. Middle East Technical University, Ankara, Turkey, 6-7 August 2015.

Organization Committee Member and participant at the 1st Neuroscience Congress, Hacettepe University, Ankara, Turkey. 5-6 November 2014.

Organization Committee Member and participant at the 4nd Evolutionary Biology Student Congress Hacettepe University, Ankara,Turkey. 04-05 May 2014.

Organization Committee Member and participant at the 3rd Evolutionary Biology Student Congress: Speciation. Hacettepe University, Ankara,Turkey. 04-05 May 2013.

Organization Committee Member and participant at the "Turkey Meets Evolution Seminar", METU - Hacettepe University, Ankara, Turkey. 9-10 March 2013.

Organization Committee Member and participant at the 2nd Evolutionary Biology Student Congress: Human Evolution. Hacettepe University, Ankara,Turkey. 02-03 May 2012.

Participant at the 7th International Evolution Congress. Middle East Technical University, Ankara, Turkey, 29 -30 September 2012.

Participant at the 6th International Evolution Congress. Middle East Technical University, Ankara, Turkey, 03-04 December 2011.

Field-work Experiences

Ecological Research Society **-** Fieldwork for "Sea Turtle Conservancy : Saving Sea Turtles " at Mediterranian part of Turkey, Antalya. 21-28 June 2011.

Memberships

- Ecology and Evolutionary Biology Association. Ankara, Turkey.
- East Mediterranean Research Association, Antalya, Turkey.

Computer Skills

- Geographical Information Systems: ArcGIS, DIVA-GIS
- MaxEnt (Maximum entropy modeling of species geographic distributions.), ENMTools
- R
- TPS, STRUCTURE, Phylogenetic Softwares (Mega, DNAsp, Mesquite, MrBayes, BEAST etc.)
- Operating Systems: Windows, MacOS