

Res. Asst. MERT KÜKRER

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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoloji (Dr), Turkey 2013
- Continues

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoloji (YI) (Tezli),
Turkey 2009 - 2013

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Moleküler Biyoloji Ve Genetik Bölümü,
Turkey 2004 - 2009

Dissertations

Postgraduate, Genetic diversity of honey bee populations in Turkey based on microsatellite markers: A comparison
between migratory versus stationary apiaries and isolated regions versus regions open to migratory beekeeping, Middle
East Technical University, Graduate School Of Natural And Applied Sciences, Biyoloji (YI) (Tezli), 2013

Research Areas

Bee and silk beetle, Biodiversity, Biological Information, Biological Modelling, Ecology, Genomics, Evolution, Population
Genetics

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2011 -
Continues

Research Assistant, Kilis 7 Aralik University, Faculty Of Arts And Sciences, Department Of Molecular Biology And
Genetics, 2020 - 2020

Research Assistant, Kilis 7 Aralik University, Faculty Of Science And Letters, Department Of Molecular Biology And
Genetics, 2010 - 2011

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- Honey Bee Diversity Is Swayed by Migratory Beekeeping and Trade Despite Conservation Practices: Genetic Evidence for the Impact of Anthropogenic Factors on Population Structure**
KÜKRER M., Kence M., Kence A.
Frontiers in Ecology and Evolution, vol.9, 2021 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Climate Change Prompts Monitoring and Systematic Utilization of Honey Bee Diversity in Turkey**
Kükreler M., Bilgin C. C.
Bee Studies, vol.12, no.1, pp.17-23, 2020 (Other Refereed National Journals)
- II. **Development of Resistance to American Fool Brood Diseases on Muğla Honey Bee (*Apis mellifera anatoliaca*)**
Oskay D., Kükreler M., Kence A.
Arıcılık Araştırma Dergisi, vol.11, no.1, pp.8-20, 2019 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Genetic structure – geography relations of honeybee subspecies in Turkey: A survey and a test of niche overlap.**
Kükreler M., Turak A., Bilgin C. C.
Puerto Rico Honey Bee and Evolution of Invasive Organisms on Islands, San Juan, Puerto Rico, 13 - 15 August 2019
- II. **Phylogeography of Turkish Honeybees (*Apis mellifera* L.) Based on mtDNA Sequences**
Çelikkil A., Kükreler M., Bilgin C. C.
Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 10 - 12 July 2019, pp.49
- III. **Adaptive Traits of Turkish Honeybee Subspecies in Response to Climate: A Survey and a Test of Niche Overlap**
Kükreler M., Turak A., Bilgin C. C.
45th APIMONDIA INTERNATIONAL APICULTURAL CONGRESS, İstanbul, Turkey, 29 September - 04 October 2017, pp.49
- IV. **A Survey of Niche Overlap and Adaptive Trait Responses of Turkish Honeybee Subspecies to Climate**
Kükreler M., Turak A., Bilgin C. C.
5th International Muğla Beekeeping and Pine Honey Congress, Muğla, Turkey, 1 - 05 November 2016
- V. **Adaptive traits of Turkish honeybee subspecies in response to climate A survey and a test of niche overlap**
Kükreler M., Turak A. S. , Bilgin C. C.
Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 31 August - 01 September 2016
- VI. **Honey Bee Health in Turkey.**
KENCE A., ARSLAN O. C. , KAYIM M., TOZKAR C. Ö. , KÜKRER M., YÜCEL B.
42 nd International Beekeeping Congress, Apimondia, Buenos Aires, Argentina, 21 - 25 September 2011
- VII. **Genetic impact of anthropogenic factors on honey bee diversity in Turkey.**
Kükreler M., Kence M., Kence A.
Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 6 - 07 August 2015
- VIII. **Breeding Muğla bee against diseases.**
Oskay D., Kence A., Kükreler M., Ferek Ö., Ivgin Tunca R.
4th International Congress of Beekeeping and Honeydew Honey, Muğla, Turkey, 5 - 09 November 2014
- IX. **A comparison between migratory and stationary colonies, and isolated regions versus regions open to migratory beekeeping.**
Kükreler M., Kence M., Kence A.
4th International Congress of Beekeeping and Honeydew Honey, Muğla, Turkey, 5 - 09 November 2014
- X. **15 years of change in population structure of honey bees in Turkey.**
Kükreler M., Kence M., Oskay D., Kence A.
XXXIII Apimondia International Apicultural Congress, Kyiv, Ukraine, 29 September - 03 October 2013
- XI. **Genetic Diversity of Honey Bee Populations in Turkey Based on Microsatellite Markers in Migratory versus Stationary Colonies**
KÜKRER M., KENCE M., KENCE A.
Evolution 2013, Utah, United States Of America, 21 - 26 June 2013

XII. The survey combining the COLOSS questionnaire and the questionnaire prepared for colony losses in Turkey

Kence A., Arslan O. C. , Kayim M., Tozkar C. Ö. , Kükreler M., Yücel B.

Standards on monitoring & positive feed-back loops between scientists and beekeepers , Arhus, Denmark, 16 June 2010

Supported Projects

Kükreler M., United Nations Development Program - UNDP Supported Project, Traditional Beekeeping in Kaz Mountain, 2016 - 2017

Kükreler M., United Nations Development Program - UNDP Supported Project, Datça-Bozburun-Gökova Bölgesi Kızılçam Ormanlarında Çam Balı Üretimi'Çam Balımız Yok Olmasın!', 2015 - 2016