



TAGEM
R&D AND INNOVATION

PLANT PROTECTION CENTRAL RESEARCH
INSTITUTE/ ANKARA

Dr. Didem CORAL

Biologist

EDUCATION

- Dr. 2020 Gazi University
Biology Department
- Master Degree METU Biotechnology Department
- Licence Degree METU Biology Department

CAREER

- 2011-... Director, Plant Protection Central Research Institute, Ankara
- 2011-2010 Sacem Company
- 2006-2010 VBR Research Company

ABOUT ME

She was born in Ankara in 1983. In 2006, she graduated from METU Biology department. Between 2006-2009 years, she studied in Biotechnology department as a master student at Metu and she worked as a researcher on vaccines at VBR, veterinarian vaccine company. In 2011, she has started to work in Plant Protection Central Research Institute and focused on Chrysomelidae (Coleoptera) taxonomy in Agricultural fauna and microflora department. In 2017, she has studied in Milano for 8 months by a scholarship of Ministry of Agriculture and Forestry and in 2019 for 3 months by a scholarship of Tubitak. She has conducted projects on molecular taxonomy in Agriculture and Environment department at Milano University.

CONTACT



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▪ **PROJECTS**

▪ **Leader in Nationally Supported Projects**

1. Identification of subfamily Alticinae (Coleoptera:Chrysomelidae) species in vegetable fields (TAGEM).
2. Determination of the Chrysomelidae (Coleoptera) Family Species and Taxonomically Evaluation in Kayseri Province. TAGEM project. (2017-2021) (PhD).
3. Identification and Evaluation of Unidentified Chrysomelidae (Coleoptera) Family Specimens at the Nazife Tuatay Plant Protection Museum TAGEM project (2016-2022) (Project Leader).

▪ **Realized Projects**

1. Revision of Nazife Tuatay Plant Protection Museum Database and Preparation of Catalogue. TAGEM project (2014-)(Assistant researcher)
2. Determination of Harmful and Beneficial Fauna in Corn Cultivated Areas of Central Anatolia Region TAGEM project. (2017-)(M. Researcher)
3. Clover leaf beetle [*Gonioctena fornicata* (Brüggem) (Coleoptera, Chrysomelidae)]'s distribution in Bartın and Bolu provinces, some biological criteria for population monitoring and control in Zonguldak. TAGEM Project. 2017- (Assistant Researcher).

PUBLICATIONS

PAPERS OF INTERNATIONAL ARTICLES

Articles Published in International Journals

1. Articles Published in SCI, SCI-Expanded, SSCI or AHCI Covered Journals Bal N., Coral D. 2022. Contributions made by researches to the Turkish Chrysomelidae Fauna, which has been updated with the addition of many species groups taxa since 2014. MAS Journal of Applied Sciences (3): 722-762.
2. Özdikmen, H., Coral Sahin D., Bal, N. 2020. A new species of Cassida Linnaeus, 1758, from Turkey (Chrysomelidae: cassidinae). Microscopic Research Techniques. 2020;1-7. DOI: 10.1002/jemt.23508
3. Yücel, C., Coral Sahin D. 2019. Pest status, prevalence and molecular identification of Hoplopteridius lutosus anaticus Osella & Lodos, 1979 (Coleoptera: Curculionidae) in saffron. Türk. entomol. derg., 2019, 43 (1): 17-23 DOI: <http://dx.doi.org/10.16970/entoted.473469>.
4. Coral Şahin D., Magoga, G., Özdikmen, H, & Montagna, M. 2018. Dna Barcoding As Useful Tool To Identify Flea Beetle Pests Present In Turkey, Journal of Applied Entomology, 0931-2048, 2018, 00, 1-13.
5. Magoga G., Coral Şahin, D., Fontaneto D. & M. Montagna, M. 2018. Barcoding of Chrysomelidae of Euro-mediterranean Area: Efficiency and Problematic Species, Scientific Reports, 2045-2322, 2018, 8, 13398.
6. Özdikmen, H. & Coral Şahin, D. 2021. Updated feeding preferences and distribution of Turkish leaf-mining and tortoise beetles (Chrysomelidae: Hispinae and Cassidinae) with data



- from Düzce and Kayseri provinces (Turkey). *Munis Entomology & Zoology*, 16 (2): 685-719
1. | 7. Özdikmen, H., Bal, N. & Coral Şahin, D. 2020. A contribution to the knowledge of leaf-beetles (Coleoptera: Chrysomelidae) in Turkey using data of specimens in Nazife Tuatay Plant Protection Museum (Turkey, Ankara). *Munis Entomology & Zoology*, 15 (1): 269-297
 8. Özdikmen, H., Coral Şahin, D. & Bal, N. 2020. A confirmation on the presence of four little known leaf-beetle speciesgroup taxa in Turkey with exact locality data (Coleoptera: Chrysomelidae). *Munis Entomology & Zoology*, 15 (1): 226-228
 9. Özdikmen, H., Coral Şahin, D. & Bal, N. 2020. A new subspecies of *Chrysolina sanguineocincta* (Coleoptera: Chrysomelidae: Chrysomelinae) from Turkey. *Munis Entomology & Zoology*, 15 (1): 85-90
 10. Özdikmen, H., Kılıç, T., Coral Şahin, D. & Bal, N. 2019. A new species of Flea Beetle genus *Argopus* Fisher Von Waldheim, 1824 from Turkey (Chrysomelidae: Galerucinae: Alticini). *Munis Entomology & Zoology*, 14 (1): 448-453
 11. Coral Şahin, D. & Özdikmen, H. 2019. A new species of *Hydrothassa* C. G. Thomson, 1859 from Turkey (Chrysomelidae: Chrysomelinae). *Munis Entomology & Zoology*, 14 (1): 326-343
 12. Özdikmen, H., Bal, N. & Coral Şahin, D. 2018. New flea beetles records of *Aphthona Chevrolat* in Turkey (Chrysomelidae: Galerucinae: Alticini). *Munis Entomology & Zoology*, 13 (2): 395-400
 13. Bal, N., Coral Şahin, D. & Özdikmen, H. 2018. Leaf-mining and tortoise beetles of Çankırı and Kayseri provinces in Turkey with new records (Chrysomelidae: Hispinae and Cassidinae). *Munis Entomology & Zoology*, 13 (2):409-420
 14. Bal, N., Özdikmen, H., Coral Şahin, D. & Kiyak, S. 2018. Rare flea beetles records for the fauna of Turkey from Çankırı province (Chrysomelidae: Galerucinae: Alticini). *Munis Entomology & Zoology*, 13 (2): 463-470

International Papers, Seminars, etc.

I. Oral presentations presented at international scientific meetings and their abstracts published in the

books/journals of this meeting

1. Coral Şahin D., Magoga G., Özdikmen H., Montagna M. Coral-Şahin D., A Dna Barcoding Study on Two Pest Genera: *Phyllotreta* and *Chaetocnema* (Chrysomelidae: Galerucinae: Alticini) in Turkey. 2. International Conference on Agricultural, Forest and Food Sciences and Technologies. (2-5 Nisan 2018, İzmir) Summary Book p. 527
2. Magoga, G., Coral Şahin, D., Fontaneto, D. & Montagna, M. 2018. Is Dna Barcoding A Promising Tool For Chrysomelidae Identification? Developing Data And Testing Its Efficiency On Euro-mediterranean Species, Poster, European Phd Network "insect Science" - IX Annual Meeting, 14 Nov 2018, 16 Nov 2018.
3. Magoga, G., Coral Şahin, D., Fontaneto, D. & Montagna, M. 2018. Barcoding Efficiency On Chrysomelidae Of Euromediterranean Area, Poster, XI European Congress Of Entomology, Napoli 2-6 July 2018.



4. Coral Şahin D., Özdikmen, H. New Records of Flea Beetles (Chrysomelidae: Galerucinae: Alticini) in Kayseri Province of Turkey. 2. International Conference on Agricultural, Forest and Food Sciences and Technologies.(2-5 April 2018, İzmir) Summary Book p. 527

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National Articals and Papers

1. Coral Şahin D., Özdikmen H., Kavak M., Cihan N. Determination of Categories of Turkey Red List of Longitarsus genus (Coleoptera: Chrysomelidae: Alticinae). 22. Ulusal Biyoloji Kongresi (23-27 Haziran 2014, Eskişehir). Summary Book p.226. (in Turkish)
2. Coral-Şahin D., Özdikmen H., Cihan N.,Kaya G. Kavak M. Determination of Turkey Red List Categories of Phyllotreta Genus (Coleoptera: Chrysomelidae: Alticinae). 22. National Biology Congress (23-27 June 2014, Eskişehir). Summary book p. 1007.
3. Coral-Şahin D., Özdikmen H.,Kaya G., Kavak M. Determination of Turkey Red List Categories of Psylliodes Genus (Coleoptera: Chrysomelidae: Alticinae). 22. National Biology Congress (23-27 June 2014, Eskişehir). Summary Book p.1143.
4. Yücel C., Özdemir I., Ertürk S., Coral-Şahin D. First report of Aphididae (Hemiptera:Aphididae) Species in Safflower (Carthamus tinctorius). 22. National Biology Congress (23-27 June 2014, Eskişehir). Özet Kitabı p. 1165.
5. Coral-Şahin D., Özdikmen H., Kavak M., Yücel C. The Vegetable Pests, Epitrix Species, with New Vegetable Hosts (Coleoptera: Chrysomelidae: Alticinae). 7. GAP National Agriculture Congress, Şanlıurfa. 28 April- 01 May, 2015. Kongre kitabı p.389-394 .
6. Yücel C., Coral-Şahin D. A New Pest in Almond Trees: Luperus xanthopoda (Col:Chrysomelidae). 7. National GAP Agriculture Congress, Şanlıurfa. 28 April- 01 May, 2015. Kongre Kitabı p.345-348
7. Özdikmen H. Kavak M., Cihan N., Kaya G., Coral-Şahin D. Contribution to Leaf Beetles Fauna in Turkey (Chrysomeloidea: Chrysomelidae). 7. National GAP Agriculture Congress, Şanlıurfa. 28 April- 01 May, 2015. Kongre kitabı p.380-388.
8. Coral-Şahin D., Özdikmen H.,Özdem A., Yücel C., Bal N. Determination of New Pests in Fruit Trees: Labidostomis beckeri Weise, 1881 and Labidostomis rufa (Waltl, 1838) (Coleoptera: Chrysomelidae: Clytrinae). With International Participation VI. Plant Protection Congress, Konya. September 5-8, 2016. Book of Abstract, p.374.
9. Coral-Şahin D., Özdikmen H., Yücel C., Baris A., Bal N. Phyllotreta Species with Their Vegetable Hosts (Coleoptera: Chrysomelidae: Alticinae). Participation Uluslararası Katılımlı Türkiye VI. Plant Protection Congress, Konya. September 5-8, 2016. Özet kitabı, p.423.
10. 10. New Records Of Subgenus Paradiachalcoidea Daccordi, 1978 and Chrysolina Dohrnii (Fairmaire, 1865) For Turkey (Chrysomelidae: Chrysomelinae: Chrysolina). ICSAE 2015, Konya. September 30- October 3,2015. Sempozyum kitabı, p.930-933.
11. Coral-Şahin D., Özdikmen H. Chrysomelidae Family Biodiversity in Kars Province (Coleoptera). International Ecology 2016 Adnan Aldemir Symposium, Kars, Turkey. May 16-19, 2016. p.119.



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TAGEM
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Membership, Training, Course, Meeting, Congress, Symposium and Other Activities

Entomological Society of Turkey member

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