

CURRICULUM VITAE

First name: Gül

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Date of birth: 09.09.1979

Profession: Biologist (Dr)

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EDUCATIONAL BACKGROUND

Country	University	Faculty/ Graduate School	Department	Degree	Graduation year
Turkey	Ankara University	Graduate School of Natural and Applied Sciences	Biology (Botany)	PhD.	2019
Turkey	Gazi University	Graduate School of Natural and Applied Sciences	Environmental Sciences	MSc.	2010
Turkey	Hacettepe University	Faculty of Science	Biology	Bachelor	2004
Turkey	Hacettepe University	Vocational School of Health Services	Medical Laboratory Techniques	Associate's degree	2000

SPECIALITY

Plant Biodiversity, Conservation Biology, Plant Population and Conservation Genetics

MSc thesis

Threatened species on the flora of Aysantı Beli (Ayaş-Ankara), Gazi University, 2010.

PhD thesis

The assessment of genetic diversity of rare and narrowly distributed endemic species, *Aethionema turcica* H.Duman & Aytaç, *Astragalus beypazaricus* Podlech & Aytaç and *Campanula damboldtiana* P.H.Davis & Sorger by using ISSR fingerprinting in terms of conservation. Ankara University, 2019.

SCIENTIFIC COURSES & WORKSHOPS ATTENDED

Course name	Dates	Country
“Plant Genome Analysis Training” Pamukkale University	January 21- March 25, 2022	Denizli/ Turkey (Distance Learning)
“Introduction to Primer Design and BLAST” Biyoakademi BIYANS.	June 6, 2018	Ankara / Turkey
“Introduction to phylogenetic analysis algorithms, applied phylogenetic analysis with MEGA5 and forming a phylogenetic tree”. Biyoakademi BIYANS.	January 6-7, 2018	Ankara / Turkey
“26th Dendrology (Wood Science) Course”, Rural Environment Association (Kırsal Çevre Derneği)	May 6- June 4, 2017	Ankara / Turkey
”Floristic Research Workshop”, Balıkesir University	September 20-22, 2013	Balıkesir / Turkey
“Nature Conservation Course”, DAD (Nature Research Association/ Doğa Koruma Derneği)	February 8- April 28, 2012	Ankara / Turkey
Plant Biodiversity Summer School	September 3-14, 2010	Erice (TP-Sicily) / Italy

FIELD BASED PROJECTS

Project name	Company	Project date	Position	Coordinating Authority
Yeşilırmak Basin Water Quality Monitoring Project (Part of “ <i>Establishment of Reference Monitoring Network Project in Turkey</i> ”)	ÇINAR Engineering Consulting Inc. Co.	2016-2020	Macrophyte BQE assistant expert (2017)	DSI (General Directorate of State Hydraulic Works)
The year 2018 Monitoring Project of Species Conservation Action Plans for <i>Astragalus bozakmanii</i> and <i>Campanula damboldtiana</i>	BİTEY Environmental Consulting Co.	2018	Botany expert	Republic of Turkey Ministry of Agriculture and Forestry
<i>Astragalus beypazaricus</i> Species Conservation Action Plan	DOKAY-ÇED Environmental Engineering Ltd. Co.	2017	Botany expert	Republic of Turkey Ministry of Agriculture and Forestry
Çankırı Province Terrestrial and Inland Water Ecosystems Biological Diversity Inventory and Monitoring Project	DOKAY-ÇED Environmental Engineering Ltd. Co.	2015-2017	Terrestrial Vascular Plants assistant expert (2016-2017)	Republic of Turkey Ministry of Agriculture and Forestry
Endemic Plants of Turkey	-	2010	Field work assistant	Republic of Turkey Ministry of Culture and Tourism

SCIENTIFIC RESEARCH PROJECTS

Project name	Institution	Project date	Position	Project type and code
IPM-4-Citrus, Citrus disease Integrated Pest Management: from Research to Market.	European Union (Coordinator: Institute National Des Sciences Appliquées de Toulouse- INSA)	01 April 2017- Active	ER: early researcher	H2020-MSCA-RISE-2016, NO:734921
The Assessment of Genetic Diversity of Rare and Narrowly Distributed Endemic Species, <i>Aethionema turcica</i> H.Duman & Aytaç, <i>Astragalus beypazaricus</i> Podlech & Aytaç and <i>Campanula damboldtiana</i> P.H.Davis & Sorger by Using ISSR Fingerprinting in Terms of Conservation	Ankara University	23.02.2018 – 23.02.2019	Assistant researcher	Scientific Research Projects (BAP- Doctoral Project no: 18L0430010)
The Assessment of Genetic Diversity of <i>Scutellaria yildirimlii</i> Endemic to Inner Anatolia Using ISSR Method in Terms of Conservation	Ankara University	27.04.2016- 27.04.2017	Assistant researcher	Scientific Research Projects (BAP- Accelerated Project no: 16H0430005)
The Assessment of Genetic Diversity of Endangered Plant Species <i>Salsola grandis</i> Freitag, Vural & N. Adıgüzel in Terms of Conservation	Ankara University	27.04.2016- 27.04.2017	Assistant researcher	Scientific Research Projects (BAP- Accelerated Project no: 16H0430006)
Investigation of Elmadağ Plant's in terms of Sciences Areas of Systematic Botany and Pharmaceutical Botany	Ankara University	22.05.2015 22.05.2018	Assistant researcher	Scientific Research Projects (BAP- Infrastructure Project no: 15A0759001)

PUBLICATIONS

Articles in International&National Refreed Journals

ÇINAR, İ. B., AYYILDIZ, G., YAPRAK, A. E., & TUĞ, G. N. 2021. Effects of Temperature, Light and Salinity on Germination of *Salsola crassa* (Amaranthaceae) Seeds from Different Years. *Türler ve Habitatlar* 2(2): 98–112.

KESER A.M., AYYILDIZ G., YILDIRIM M., YAPRAK A.E. and TUĞ G.N. 2020. Conservation Status of Three Rare and Endemic Species from Turkey (*Kalidium wagenitzii*, *Muscari adillii* & *Verbascum gypsicola*). *Trakya Univ J Nat Sci*, 21(2): 151-157, DOI: 10.23902/trkjinat.751851

AYYILDIZ, G., YILDIRIM, M., KESER, A. M., YAPRAK, A. E. and TUĞ G.N. 2020. Reassessment of IUCN Threat Category for Local Endemic *Campanula damboldtiana* from Ankara, Turkey. *Commun. Fac. Sci. Univ. Ank. Series C*, 29(1):148-160

YILDIRIM, M., AYYILDIZ, G., KESER, A. M., TUĞ G.N., YAPRAK, A. E. 2019. Current Population Sizes, Distribution Areas and Re-Evaluated IUCN Categories of Rare and Endemic Species from Central Anatolia, Turkey: *Salsola grandis*, *Scutellaria yildirimii* and *Sideritis gulendamii*. *Biological Diversity and Conservation*, 12(2):151-160.

ÇINAR, İ. B., AYYILDIZ, G., YAPRAK, A. E., & TUĞ, G. N. 2016. Effect of Salinity and Light on Germination of *Salsola grandis* Freitag, Vural & N. Adiguzel (Chenopodiaceae). *Commun. Fac. Sci. Univ. Ank. Series C*. 25(1-2): 25-32.

Articles in other publications

AYYILDIZ, G. (2019). "The assessment of genetic diversity of rare and narrowly distributed endemic species, *Aethionema turcica* H.Duman & Aytaç, *Astragalus beypazaricus* Podlech & Aytaç and *Campanula damboldtiana* P.H.Davis & Sorger by using ISSR fingerprinting in terms of conservation", Ankara University Graduate School of Natural and Applied Sciences.

TORLAK, H., VURAL, M., ve AYTAÇ, Z. (2010). Endemic Plants in Turkey, T.C Ministry of Culture and Tourism, Pelin Publishing, p:221, Ankara.

"Türkiye'nin Nadir Çiçekleri Tehlike Altında (Rare Plant Species of Turkey are under Threat)" National Geographic Turkey, No:107, March 2010.

AYYILDIZ, G. (2010). "Threatened species on the flora of Aysantı Beli (Ayaş-Ankara)", Master thesis, Gazi University Graduate School of Natural and Applied Sciences, Environmental Sciences, Ankara.

International&National Congress and Symposium Proceedings

Hazar KRAİEM, Rim EL JENI, Gül AYYILDIZ, Zakaria BENLASFAR, Zeynep YURTKURAN CETEREZ and Balkiss BOUHAOUALA-ZAHAR. 2019. Environmental toxicity assessment of new *Bacillus thuringiensis kurstaki* - based biopests on non-target organisms using ISO Standards and OECD guidelines. IDB2019_A.T.Biotech, The 18th International Days of Biotechnology, December 18th-21st, Sousse, Tunisia (Poster_IBP23)

Zakaria BENLASFAR, Hazar KRAİEM, Rim EL JENI, Gül AYYILDIZ, Zeynep YURTKURAN CETEREZ and Balkiss BOUHAOUALA-ZAHAR. 2019. Strategy for biosafety assessment of new strain-based biopests using laboratory animal toxicity models. IDB2019_A.T.Biotech, The 18th International Days of Biotechnology, December 18th-21st, Sousse, Tunisia (Poster_IBP24)

Gül AYYILDIZ, Ahmet Emre YAPRAK, Gül Nilhan TUĞ (2019). "Ex-situ Conservation Studies of Local Endemic *Astragalus beypazaricus* Podlech & Aytaç" of Ankara (Turkey), National Botanical Gardens, Arboretums, Herbariums and Botanical Museums Workshop, Düzce University Faculty of Forestry, April 18th-21st, Düzce, Turkey (Poster).

International&National Congress and Symposium Proceedings (cont.)
KÖROĞLU, A., KENDİR, G., HÜRKUL, M. M., KÖRÜKLÜ, T., AYYILDIZ, G., KÖSE, E.C., VURAL, M. (2018). Medicinal Plants Used for The Treatment of Diabetes in Elmadağ (Turkey). 12 th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara University Faculty of Pharmacy, 26-29 June 2018, Ankara, Turkey.
YILDIRIM, M., AYYILDIZ, G., KESER, A.M., TUĞ, G.N and YAPRAK, A.E. (2018). Current Population Size, Distribution Area and Re-Evaluated IUCN Category of <i>Salsola grandis</i> . 1st International Congress on Plant Biology, Selçuk University, Konya, 10-12 May 2018, Turkey. (Poster)
KESER, A.M., YAPRAK, A.E., AYYILDIZ, G., YILDIRIM, M. and TUĞ, G.N. (2018). Distribution and Re-evaluation of IUCN Threat Category of Endemic <i>Kalidium wagenitzii</i> . 1st International Congress on Plant Biology, Selçuk University, Konya, 10-12 May 2018. (Poster)
KESER, A.M., YILDIRIM, M., AYYILDIZ, G., YAPRAK, A.E. and TUĞ, G.N. (2018). Re-evaluation of IUCN Threat Category of Local Endemic <i>Verbascum gypsicola</i> . 1st International Congress on Plant Biology, Selçuk University, Konya, 10-12 May 2018, Turkey (Poster)
YILDIRIM, M., AYYILDIZ, G., KESER, A.M., TUĞ, G.N and YAPRAK, A.E. (2017). Current Population Size, Distribution Area and Re-Evaluated IUCN Category of <i>Sideritis gulendamiae</i> H. Duman & F. A. Karaveliogullari. ISEEP-2017 VIII. International Symposium on Ecology and Environmental Problems, Çanakkale Onsekiz Mart University, 4-7 October, Çanakkale, Turkey (Poster)
AYYILDIZ, G., YILDIRIM, M., KESER, A.M., YAPRAK, A.E. and TUĞ, G.N. (2017). Current Population Size, Distribution Area and Re-Evaluated IUCN Category of <i>Aethionema turcica</i> . International Ecology Symposium 2017, Erciyes University, Kayseri, 11-13 May 2017, Turkey (Poster).
YILDIRIM, M., AYYILDIZ, G., KESER, A.M., TUĞ, G.N and YAPRAK, A.E. (2017). Population Size, Distribution Area and IUCN Category of Central Anatolian Endemic <i>Scutellaria yildirimlii</i> , International Ecology Symposium 2017, Erciyes University, Kayseri, 11-13 May 2017, Turkey (Poster).
KESER, A.M., AYYILDIZ, G., YILDIRIM, M., YAPRAK, A.E. and TUĞ, G.N. (2017). Re-Evaluation of IUCN Threat Category of Local Endemic <i>Muscari adillii</i> . Ecology International Ecology Symposium 2017, Erciyes University, Kayseri, 11-13 May 2017, Turkey (Poster).
ÇINAR, İ. B., AYYILDIZ, G., TUĞ, G.N., YAPRAK, A.E. (2015). Effects of Temperature, Light and Salinity on Germination of <i>Salsola crassa</i> (Amaranthaceae) Seeds from Different Years, 1st National Congress on Plant Biology, AİB University, Bolu, 2-4 September, Turkey (Poster).
ASLAN, S., ŞAHİN, B., AYYILDIZ, G., KORKMAZ, H., VURAL, M. (2013). Flora of Kızılırmak Delta (Samsun). 3rd National Wetlands Congress, Ondokuz Mayıs University, Samsun, 23-25 October 2013, Turkey.
ŞAHİN, B., ASLAN, S., AYYILDIZ, G., VURAL, M. (2013). Habitat Types in Kızılırmak Delta, 3rd National Wetlands Congress, Ondokuz Mayıs University, Samsun, 23-25 October 2013, Turkey (Poster).
AYYILDIZ, G., ÇINAR, İ.B., YAPRAK, A.E., TUĞ, G.N. (2012). Effect of Light and Salinity on the Germination of <i>Salsola grandis</i> (Chenopodiaceae) Seeds. 21st National Biology Congress, Ege University, İzmir, 3-7 September 2012, Turkey (Poster)
AYYILDIZ, G., VURAL, M. (2012). Threatened Plant Species of Aysantı Beli (Ayaş/Ankara), The Second International Symposium on the Biology of Rare and Endemic Plant Species (BIORARE-2012), 24-27 April, Fethiye/Muğla (Poster).

SYMPOSIUMS AND CONGRESS ATTENDED

• IDB2019_A.T.Biotech, The 18 th International Days of Biotechnology, December 18 th -21 st , Sousse, Tunisia
• 1st International Congress on Plant Biology, Selçuk University, Konya, 10-12 May 2018, Turkey.
• International Ecology Symposium 2017, Erciyes University, Kayseri, 11-13 May 2017, Turkey.
• 3rd National Wetlands Congress, Ondokuz Mayıs University, Samsun, 23-25 October 2013, Turkey.
• 21st National Biology Congress, Ege University, İzmir, 3-7 September 2012, Turkey.
• The Second International Symposium on the Biology of Rare and Endemic Plant Species (BIORARE-2012), Fethiye/Muğla, 24-27 April 2012, Turkey.
• 20th National Biology Congress, Pamukkale University, Denizli, 21-25 June 2010, Turkey.