

## Assoc. Prof. BEHLÜL GÜLER

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Celâl Bayar Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 2011 - 2016

Postgraduate, Mugla Sıtkı Kocman University, Institute Of Science, Biyoloji (YI) (Tezli), Turkey 2008 - 2010

Undergraduate, Gazi University, Kastamonu Eğitim Fakültesi, Fen Bilgisi Öğretmenliği Pr., Turkey 2003 - 2007

### Dissertations

Doctorate, Küresel değişime karşı türkiye çayırılarının iyileşme kapasitesi (rezilyansı) – Manisa örnekleme, Manisa Celal Bayar University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2016

Postgraduate, Tarihi labranda (Milas-Muğla) kalıntıları ve çevresinin floristik özellikleri, Mugla Sıtkı Kocman University, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2010

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Research Assistant, Manisa Celal Bayar University, Faculty Of Arts And Sciences, Department Of Biology, 2010 - 2018

Research Assistant, Universitaet Bayreuth, Ecology And The Environmental Sciences, Disturbance Ecology, 2014 - 2014

Research Assistant, Universitaet Bayreuth, Ecology And The Environmental Sciences, Disturbance Ecology, 2013 - 2013

### Academic and Administrative Experience

Dokuz Eylul University, 2018 - 2020

### Published journal articles indexed by SCI, SSCI, and AHCI

#### I. Climate-trait relationships exhibit strong habitat specificity in plant communities across Europe

Kambach S., Sabatini F. M., Attorre F., Biurrun I., Boenisch G., Bonari G., Čarni A., Carranza M. L., Chiarucci A., Chytrý M., et al.

Nature communications, vol.14, no.1, pp.712, 2023 (SCI-Expanded)

- II. **Disturbance indicator values for European plants**  
Midolo G., Herben T., Axmanova I., Marceno C., Patsch R., Bruelheide H., Karger D. N., Acic S., Bergamini A., Bergmeier E., et al.  
GLOBAL ECOLOGY AND BIOGEOGRAPHY, no.1, pp.24-34, 2023 (SCI-Expanded)
- III. **Ellenberg-type indicator values for European vascular plant species**  
Tichy L., Axmanova I., Dengler J., Guarino R., Jansen F., Midolo G., Nobis M. P. P., Van Meerbeek K., Acic S., Attorre F., et al.  
JOURNAL OF VEGETATION SCIENCE, vol.34, no.1, 2023 (SCI-Expanded)
- IV. **Environmental drivers and spatial scaling of species abundance distributions in Palaeartic grassland vegetation**  
Ulrich W., Matthews T. J., Biurrun I., Campos J. A., Czortek P., Dembicz I., Essl F., Filibeck G., del Galdo G. G., GÜLER B., et al.  
ECOLOGY, vol.103, no.8, 2022 (SCI-Expanded)
- V. **Fine-grain beta diversity of Palaeartic grassland vegetation**  
Dembicz I., Dengler J., Steinbauer M. J., Matthews T. J., Bartha S., Burrascano S., Chiarucci A., Filibeck G., Gillet F., Janisova M., et al.  
JOURNAL OF VEGETATION SCIENCE, vol.32, no.3, 2021 (SCI-Expanded)
- VI. **Scale dependence of species-area relationships is widespread but generally weak in Palaeartic grasslands**  
Zhang J., Gillet F., Bartha S., Alatalo J. M., Biurrun I., Dembicz I., Grytnes J., Jaunatre R., Pielech R., Van Meerbeek K., et al.  
JOURNAL OF VEGETATION SCIENCE, vol.32, no.3, 2021 (SCI-Expanded)
- VII. **Plant species diversity and vegetation in urban grasslands depending on disturbance levels**  
GÜLER B.  
BIOLOGIA, vol.75, no.9, pp.1231-1240, 2020 (SCI-Expanded)
- VIII. **Traditional uses and ecological resemblance of medicinal plants in two districts of the Western Aegean Region (Turkey)**  
GÜLER B., Erkan Y., UĞURLU E.  
ENVIRONMENT DEVELOPMENT AND SUSTAINABILITY, vol.22, no.3, pp.2099-2120, 2020 (SCI-Expanded)
- IX. **Diversity and drivers of plant species on Turkish university campuses**  
GÜLER B.  
BIOLOGIA, vol.74, no.9, pp.1115-1123, 2019 (SCI-Expanded)
- X. **Species richness effects on grassland recovery from drought depend on community productivity in a multisite experiment**  
Kreyling J., Dengler J., Walter J., Velev N., UĞURLU E., Sopotlieva D., Ransijn J., Picon-Cochard C., Nijs I., Hernandez P., et al.  
ECOLOGY LETTERS, vol.20, no.11, pp.1405-1413, 2017 (SCI-Expanded)
- XI. **How plot shape and spatial arrangement affect plant species richness counts: implications for sampling design and rarefaction analyses**  
GÜLER B., Jentsch A., Apostolova I., Bartha S., Bloor J. M. G., Campetella G., Canullo R., Hazi J., Kreyling J., Pottier J., et al.  
JOURNAL OF VEGETATION SCIENCE, vol.27, no.4, pp.692-703, 2016 (SCI-Expanded)
- XII. **Contribution to the traditional uses of medicinal plants of Turgutlu (Manisa - Turkey)**  
GÜLER B., Kumustekin G., UĞURLU E.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.176, pp.102-108, 2015 (SCI-Expanded)
- XIII. **Medicinal plants used by traditional healers in Bozuyuk (Bilecik-Turkey)**  
GÜLER B., Manav E., UĞURLU E.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.173, pp.39-47, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of Climate Change on Distribution Areas of Former Endemic Plant Species *Campanula lyrata* Lam.**  
GÜLER B.  
Sakarya University Journal of Science, vol.25, no.3, pp.663-672, 2021 (Peer-Reviewed Journal)
- II. **Grassland Flora of Manisa Celal Bayar University Campus**  
GÜLER B., UĞURLU E., ALTAN Y.  
JOURNAL OF INNOVATIVE SCIENCE AND ENGINEERING (JISE), vol.1, no.1, pp.17-24, 2017 (Peer-Reviewed Journal)
- III. **Ovacık Karabük ve Çevresinin Floristik Özellikleri**  
Dikilitaş B., GÜLER B., UĞURLU E., ALTAN Y.  
CELAL BAYAR ÜNİVERSİTESİ FEN BİLİMLERİ DERGİSİ, vol.12, no.2, pp.1-12, 2016 (Peer-Reviewed Journal)
- IV. **Fitososyolojik çalışmalarda karakter türlerin sayısal metodlarla belirlenmesi**  
GÜLER B., UĞURLU E.  
SELÇUK ÜNİVERSİTESİ FEN FAKÜLTESİ FEN DERGİSİ, vol.2, no.40, pp.1-12, 2015 (Peer-Reviewed Journal)
- V. **New Square Records for C1 in Flora of Turkey**  
GÜLER B., ÇINAR H., VAROL Ö.  
CUMHURİYET UNIVERSITY FACULTY OF SCIENCE JOURNAL, vol.34, no.1, pp.33-41, 2013 (Peer-Reviewed Journal)
- VI. **Flora of Dervişli (Eşme-Uşak/Turkey) and its surroundings**  
GÜLER B., Kesim İ., UĞURLU E.  
BIOLOGICAL DIVERSITY AND CONVERSATION, vol.6, no.1, pp.169-177, 2013 (Peer-Reviewed Journal)
- VII. **Floristic structure of historical Labranda ruins and its surroundings Milas Muğla Turkey**  
GÜLER B., VAROL Ö.  
BIOLOGICAL DIVERSITY AND CONVERSATION, vol.5, no.3, pp.54-68, 2012 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Preliminary Analysis of Scale-Dependent Species Richness Patterns and Environmental Variables of Mediterranean Grasslands**  
GÜLER B.  
5th International Anatolian Agriculture, Food, Environment and Biology Congress, 1 - 04 October 2020
- II. **Contributions to the Grassland Flora of Spil Mountain**  
GÜLER B.  
4th International Academic Studies Conference, 28 - 30 September 2020, vol.1, pp.205
- III. **How sampling method affects species richness and species-area curves at different spatial scales in grasslands?**  
Zimmermann Z., Szabo G., GÜLER B., Bartha S., Campetella G., Jentsch A., UĞURLU E., Wellstein C., Kreyling J., Dengler J.  
62nd International Association of Vegetation Science (IAVS) Symposium, 14 - 19 July 2019, vol.1, pp.280
- IV. **Scale-dependent biodiversity patterns of Mediterranean grasslands in Turkey**  
GÜLER B.  
62nd International Association of Vegetation Science (IAVS) Congress, 14 - 19 July 2019, vol.1, pp.91
- V. **How disturbance levels affect plant species diversity in urban grasslands**  
GÜLER B., UĞURLU E.  
62nd International Association of Vegetation Science (IAVS) Symposium, 14 - 19 July 2019, vol.1, pp.92
- VI. **Küresel İklim Değişikliğinin (Kuraklık) İstilacılık Üzerinde Etkisi: *Senecio inaequidens* DC. ve *Lupinus polyphyllus* Lindl.**  
GÜLER B., Dengler J., ALTAN Y., Jentsch A., Kreyling J., UĞURLU E., Wellstein C.  
24. Ulusal Biyoloji Kongresi, Turkey, 10 - 18 September 2018, vol.1, pp.105

- VII. **Küresel İklim Değişikliğine (Kuraklık) Karşı Türkiye Çayırlarının İyileşme Kapasitesi: Manisa Örnekleme**  
GÜLER B., Dengler J., ALTAN Y., Jentsch A., Kreyling J., UĞURLU E., Wellstein C.  
24. Ulusal Biyoloji Kongresi, Turkey, 10 - 14 September 2018, vol.1, pp.104
- VIII. **İklim Değişiminin Kuraklık Çayır Ekosistemleri Üzerine Etkileri**  
GÜLER B., UĞURLU E.  
2. Ulusal Botanik Kongresi, Afyon, Turkey, 25 - 28 August 2015, vol.1, pp.128-129
- IX. **Effects of rooted and shoot sampling schemes on species richness and species area curves**  
Zimmermann z., szabo g., bartha s., Campetella g., GÜLER B., jentsch a., kreyling j., UĞURLU E., wellstein c., dengler j.  
58th International Association of Vegetation Science congress, Brno, Czech Republic, 19 - 24 July 2015, vol.1, pp.421
- X. **Trait based assembly rules across climatic gradients of European grasslands are affected little by extreme drought**  
wellstein C., jentsc a., chelli s., campatella g., canullo r., apostolova i., bloor j., Cianfaglione k., dengler j., von Gillhaussen p., et al.  
58th International Association of Vegetation Science congress, Brno, Czech Republic, 19 - 24 July 2015, vol.1, pp.406
- XI. **Combined effects of drought, invasion and land use treatment in Turkish grasslands**  
GÜLER B., Dengler J., ALTAN Y., Jentsch A., Kreyling J., Wellstein C., UĞURLU E.  
44th Ecological Society of Germany, Austria and Switzerland (GfÖ) Conference, 08 September 2014 - 12 September 2015, vol.1, pp.118
- XII. **Effect of plot shape and arrangement on species richness counts in grasslands**  
GÜLER B., jentsch a., Apostolova I., Bartha S., Bloor J., Campetella G., Canullo R., Hazi J., Kreyling J., Szabo G., et al.  
44th Ecological Society of Germany, Austria and Switzerland (GfÖ) Conference, Hildesheim, Germany, 8 - 12 September 2014, vol.1, pp.94-95
- XIII. **Trait based assembly rules across climatic gradients of European grasslands**  
Wellstein C., Jentsch A., Stefano C., Campetella G., Capullo R., Apostolova I., Bloor J., Cianfaglione K., Dengler J., von Gillhaussen P., et al.  
57th International Association of Vegetation Science Congress, Perth, Australia, 8 - 12 May 2014, vol.1, pp.266
- XIV. **Effects of plot shape and arrangement on species richness counts in grasslands**  
GÜLER B., jentch a., Apostolova I., Bartha S., Bloor J., Campetella G., Canullo R., Hazi J., Kreyling J., Szabo G., et al.  
57th International Association of Vegetation Science Congress, Perth, Australia, 8 - 12 May 2014, vol.1, pp.233
- XV. **Floristic structure of historical Labranda ruins and its surroundings Milas Muğla Turkey**  
GÜLER B., VAROL Ö.  
21. Ulusal Biyoloji Kongresi, Turkey, 3 - 05 September 2012, vol.1, pp.642-643

## Metrics

Publication: 35

Citation (WoS): 245

Citation (Scopus): 271

H-Index (WoS): 7

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