

1-1-2019

## Cover and Contents

Follow this and additional works at: <https://journals.tubitak.gov.tr/botany>

---

### Recommended Citation

(2019) "Cover and Contents," *Turkish Journal of Botany*: Vol. 43: No. 1, Article 13. Available at: <https://journals.tubitak.gov.tr/botany/vol43/iss1/13>

This Cover and Contents is brought to you for free and open access by TÜBİTAK Academic Journals. It has been accepted for inclusion in Turkish Journal of Botany by an authorized editor of TÜBİTAK Academic Journals. For more information, please contact [academic.publications@tubitak.gov.tr](mailto:academic.publications@tubitak.gov.tr).

VOLUME | ISSUE | YEAR  
43 | 1 | 2019  
ISSN 1300-008X • E-ISSN 1303-6106

TURKISH JOURNAL OF  
**BOTANY**

<http://journals.tubitak.gov.tr/botany/>



Published by the Scientific and  
Technological Research Council of Turkey

**TÜBİTAK**

# TURKISH JOURNAL OF BOTANY

**Editor-in-Chief** Asim KADIOĞLU  
Karadeniz Technical University, Turkey

**VOLUME 43 • ISSUE 1 • 2019**  
ISSN 1300-0985 • E-ISSN 1303-619X

## SCOPE OF JOURNAL

- The Turkish Journal of Earth Sciences is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK).
- It is an international English-language journal for the publication of significant original recent research in a wide spectrum of topics in the earth sciences, such as geology, structural geology, tectonics, sedimentology, geochemistry, geochronology, palaeontology, igneous and metamorphic petrology, mineralogy, biostratigraphy, geophysics, geomorphology, palaeoecology and oceanography, and mineral-deposits.
- The journal publishes the highest quality papers and comprehensive review papers on hot topics of current interest, with high quality illustrations.
- Submitted papers should have regional implications and attract international interest as the journal aims to provide a medium for interdisciplinary papers that would be of interest to many different specialists.
- Specialized papers can be submitted if they illustrate significant progress in that specific area of the earth sciences. In addition to original and review articles, we are also interested in publishing discussions of papers that have already appeared in recent issues of the journal.
- The journal also publishes thematic sets of papers on topical aspects of geology or special issues of selected papers from conferences.
- Short articles (6 printed pages maximum) for rapid publication reporting a significant advance in the earth sciences with regional impact are welcome. Contribution is open to researchers of all nationalities.

## ABSTRACTED AND INDEXED

- Thomson Reuters (SCI-E)
  - EBSCOhost
  - Elsevier BV
  - MinAbs Online
  - Ovid
  - ProQuest
-

# CONTENTS

In silico comparative proteomic analysis of enzymes involved in fatty acid biosynthesis in castor bean ( <i>Ricinus communis</i> ) and soybean ( <i>Glycine max</i> ) .....	1
<b>Qudsia YOUSAF, Hafsa Ahmad ALI, Hamid RASHID, Muhammad Saad KHAN</b>	
Estimation of genomic instability and DNA methylation due to aluminum (Al) stress in wheat ( <i>Triticum aestivum</i> L.) using iPBS and CRED-iPBS analyses .....	27
<b>Arash HOSSEIN POUR, Güller ÖZKAN, Özge BALPINAR NALCI, Kamil HALILOĞLU</b>	
Genetic characterization of <i>Orobanche cumana</i> populations from the Thrace region of Turkey using microsatellite markers .....	38
<b>Behiye Banu BİLGEN, Ahmet Kubilay BARUT, Sefer DEMİRBAŞ</b>	
Exogenous trehalose alleviates the adverse effects of salinity stress in wheat .....	48
<b>Mamdouh NEMAT ALLA, Enas BADRAN, Fozia MOHAMMED</b>	
Thiamin-induced variations in oxidative defense processes in white clover ( <i>Trifolium repens</i> L.) under water deficit stress .....	58
<b>Muhammad Adeel GHAFAR, Nudrat Aisha AKRAM, Muhammad ASHRAF</b>	
Chicken feather protein hydrolysate as a biostimulant improves the growth of wheat seedlings by affecting biochemical and physiological parameters .....	67
<b>Ebru GENÇ, Ökkeş ATICI</b>	
The effects of different mowing regimes on diversity of grasses in lowland meadows .....	80
<b>Anna BOMANOWSKA, Wojciech ADAMOWSKI, Kamil KWIECIEŃ, Agnieszka REWICZ</b>	
Determination of trophic weight and indicator values of diatoms in Turkish running waters for water quality assessment .....	90
<b>Abuzer ÇELEKLİ, Assane Anabi TOUDJANI, Emine Yonca GÜMÜŞ, Seda KAYHAN, Hacı Ömer LEKESİZ, Tolga ÇETİN</b>	
Fungal DNA barcode (ITS nrDNA) reveals more diversity than expected in <i>Tulostoma</i> from Macedonia .....	102
<b>Katerina RUSEVSKA, Franciso de Diego CALONGE, Mitko KARADELEV, María Paz MARTÍN</b>	
Attempts to save a Spanish endemism <i>Astragalus devevae</i> Talavera, A. González & G. López (Fabaceae) from extinction .....	116
<b>Karoline Aparecida Felix RIBEIRO, José Ángel SÁNCHEZ AGUDO, Silvia SÁNCHEZ DURÁN, Ester VEGA ELICES, José SÁNCHEZ SÁNCHEZ</b>	
<i>Onopordum nezaketianum</i> sp. nov. (Asteraceae: Cardueae): a new species from Central Anatolia, Turkey .....	126
<b>Süleyman Mesut PINAR, Hüseyin EROĞLU</b>	
New records from Artabel Lakes Nature Park (Gümüşhane/Turkey) to the freshwater algal flora of Turkey .....	135
<b>Bülent ŞAHİN, Bülent AKAR</b>	

---