

---

9-25-2024

## Cover and Contents

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

---

### Recommended Citation

(2024) "Cover and Contents," *Turkish Journal of Botany*. Vol. 48: No. 5, Article 1. Available at: <https://journals.tubitak.gov.tr/botany/vol48/iss5/1>

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 [pinar.dundar@tubitak.gov.tr](mailto:pinar.dundar@tubitak.gov.tr).

VOLUME | ISSUE | YEAR  
48 | 5 | 2024  
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 Türkiye

**TÜBİTAK**

# TURKISH JOURNAL OF BOTANY

Editor-in-Chief

Asim KADIOĞLU, Karadeniz Technical University, Türkiye

Associate Editor-in-Chief

Ferhat CELEP, Kırıkkale University, Türkiye

Jeff OLLERTON, University of Northampton, UK

VOLUME 48 • ISSUE 5 • 2024

ISSN 1300-0985 • E-ISSN 1303-619X

## SCOPE OF JOURNAL

The Turkish Journal of Botany is published electronically 6 times a year by the Scientific and Technological Research Council of Turkey (TÜBİTAK) and accepts manuscripts (in English) covering all areas of plant biology (including genetics, evolution, systematics, structure, function, development, diversity, conservation biology, biogeography, paleobotany, ontogeny, functional morphology, ecology, reproductive biology, and pollination biology), all levels of organisation (molecular to ecosystem), and all plant groups and allied organisms (algae, fungi, and lichens). Authors are required to frame their research questions and discuss their results in terms of major questions in plant biology. In general, papers that are too narrowly focused, purely descriptive, or broad surveys, or that contain only preliminary data or natural history, will not be considered.

## EDITORIAL BOARD

- Abdullah KAYA, Gazi University, Türkiye
- Abuzer ÇELEKLİ, Gaziantep University, Türkiye
- Agnieszka Grinn-Gofroń, University of Szczecin, Poland
- Ahmet AKSOY, Akdeniz University, Türkiye
- Ahmet ASAN, Trakya University, Türkiye
- Aleel K. GRENNAN, University of Illinois, U.S.A.
- Ali Aslan DÖNMEZ, Hacettepe University, Türkiye
- André Rodrigo RECH, Universidade Federal dos Vales do Jequitinhonha e Mucuri, Brazil
- Aykut GÜVENSEN, Ege University, Türkiye
- Ayla KAYA, Anadolu University, Türkiye
- Ayşegül KÖROĞLU, Ankara University, Türkiye
- Åslög Dahl, The University of Gothenburg, Sweden
- Barış ÖZÜDOĞRU, Hacettepe University, Türkiye
- Barış UZILDAY, Ege University, Türkiye
- Boris ASSYOV, Sofia University, Bulgaria
- Bo Li, Jiangxi Agricultural University, China
- Bryan T. DREW, University of Nebraska, U.S.A.
- Burcu ALPTEKİN, University of Wisconsin, U.S.A.
- Carmen Galan SOLDEVILLA, University of Córdoba, Spain
- Cengiz KAYA, Harran University, Türkiye
- Ceyda ÖZFİDAN KONAKÇI, Necmettin Erbakan University, Türkiye
- Chunlei XIANG, Chinese Academy of Sciences, China
- Dietmar QUANDT, University of Bonn, Germany
- Dirk Carl ALBACH, University Oldenburg, Germany
- Emre Aksoy, ODTÜ, Türkiye
- Ergin HAMZAOĞLU, Gazi University, Türkiye
- Esra MARTIN, Necmettin Erbakan University, Türkiye
- Evren YILDIZTUGAY, Selçuk University, Türkiye
- Fatma ÜNAL, Gazi University, Türkiye
- Gökhan ABAY, Recep Tayyip Erdoğan University, Türkiye
- Gökhan ZENGİN, Selçuk University, Türkiye
- Graziela CURY, Universidade de São Paulo, Brazil
- Güleray Açar, Atatürk Üniversitesi, Türkiye
- Güray UYAR, Ankara Hacı Bayram Veli University, Türkiye
- Gürkan SEMİZ, Pamukkale University, Türkiye
- Hasan Hüseyin DOĞAN, Selçuk University, Türkiye
- Hatira TAŞKIN, Çukurova University, Türkiye
- Hayri DUMAN, Gazi University, Türkiye
- Hye-Kyoung MOON, Kyung Hee University, South Korea
- Ilgaz AKATA, Ankara University, Türkiye
- İlkay ERDOĞAN ORHAN, Gazi University, Türkiye
- İsmail TÜRKAN, Ege University, Türkiye
- Jeffrey ROSE, University of Nebraska-Kearney, U.S.A.
- John McNEIL, Monash University, Australia
- Judita ZOZOMOVA-LIHOVA, Slovak Academy of Sciences, Slovak Republic
- Kamil COŞKUNÇELEBİ, Karadeniz Technical University, Türkiye
- Karen W. Hughes, University of Tennessee, USA
- Krzysztof SPALIK, University of Warsaw, Poland
- Kuddisi ERTUĞRUL, Selçuk University, Türkiye
- Leticia Montoya, Institute of Ecology INECOL, Mexico
- Lucia Giorgetti, Italian National Research Council, Italy
- Luigi NASELLI-FLORES, University of Palermo, Italy
- Marina de Miguel Vega, INFRAE University, Bordeaux
- Mark CHASE, Royal Botanic Gardens, KEW, United Kingdom
- Martin A. LYSAK, Masaryk University, Czech Republic
- Masoomeh Ghobad-Nejhad, Iranian Research Organization for Science and Technology, Iran
- Maximilian WEIGEND, Nees-Institut für Biodiversität der Pflanzen, Germany
- Mehmet Cengiz BALOĞLU, Kastamonu University, Türkiye
- Mehmet Gökhan HALICI, Erciyes University, Türkiye
- Melis AKMAN, University of California, Berkeley, U.S.A.
- Mengxiang SUN, Wuhan University, China
- Muhammad Ashraf, University of Lahore, Pakistan
- Muhammad ZAFAR, Quaid-i Azam University, Pakistan
- Neslihan SARUHAN GÜLER, Karadeniz Technical University, Türkiye
- Nur Münevver PINAR, Ankara University, Türkiye
- Nuray KAYA, Akdeniz University, Türkiye
- Osman TUGAY, Selçuk University, Türkiye
- Pilar CATALAN, University of Zaragoza, Spain
- Rıza BİNZET, Mersin University, Türkiye
- Sara MANAFZADEH, ETH Zurich, Switzerland
- Selami SELVİ, Balıkesir University, Türkiye
- Serdar MAKBUL, Recep Tayyip Erdoğan University, Türkiye
- Sevcan ÇELENK, Uludağ University, Türkiye
- Thomas DENK, Swedish Museum of Natural History, Sweden
- Tuna UYSAL, Selçuk University, Türkiye
- Tuncay DİRMENÇİ, Balıkesir University, Türkiye
- Uğur ÇAKILCIOĞLU, Munzur University, Türkiye
- Utku AVCI, Recep Tayyip Erdoğan University, Türkiye
- Xinli WEI, Chinese Academy of Sciences, China
- Yasaman SALMAKİ, University of Tehran, Iran
- Yasemin Çelik Altunoğlu, Kastamonu Üniversitesi, Türkiye
- Yoichiro HOSHINO, Hokkaido University, Japan
- Yusuf KURT, Harran University, Türkiye
- Yusuf MENEMEN, Kırıkkale University, Türkiye
- Zahide Neslihan Öztürk, Niğde Ömer Halisdemir Üniversitesi, Türkiye
- Zongxin REN, Chinese Academy of Sciences, China

## ABSTRACTED AND INDEXED

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

# CONTENTS

L-phenylalanine and <i>trans</i> -cinnamic acid combined with Fe <sub>3</sub> O <sub>4</sub> -NPs treatment induce oxidative stress and enhances alkaloid production in <i>Narcissus tazetta</i> L. by increasing PAL and <i>N4OMT</i> gene expression .....	211
<b>Ladan BAYAT, Azra SABOORA, Ezat ASGARANI, Mahboobeh ZARRABI</b>	
Gamma-aminobutyric acid induction of triticale protective systems under drought and salt stress or a combination of the two .....	235
<b>Yuriy E. KOLUPAEV, Ivan V. SHAKHOV, Alexander I. KOKOREV, Liana I. RELINA, Alla I. DYACHENKO, Alexander P. DMITRIEV</b>	
Genome-wide identification, phylogeny, and pharmacological analysis of date palm cyclic nucleotide-gated ion channel ( <i>CNGC</i> ) gene family in response to fungi .....	249
<b>Mumtaz Ali SAAND, Marina MEMON, Ameer Ahmed MIRBAHAR, Qurban Ali MAGSI, Athar ABASS, Sahib GHANGHRO</b>	
Pollination is a major driver of germination in <i>Comanthera bisulcata</i> and may improve everlasting flowers ( <i>semper-vivas</i> ) conservation in Brazilian campos rupestres .....	262
<b>Maria Luiza de AZEVEDO, Maria Neudes de Sousa OLIVEIRA, André Rodrigo RECH, Gudryan Jackson BARONIO, Jose Carlos Barbosa dos SANTOS, Evandro Luiz Mendonça MACHADO, Israel Marinho PEREIRA, Eric Bastos GORGENS</b>	
A new species of <i>Nigrospora</i> (Apiosporaceae) in <i>Corylus heterophylla</i> in China .....	274
<b>Jing WANG, Zhong Xuan LIU, Wei YU, Chao KANG, Yi Hua YANG</b>	

---