



PHYTOLOGIA BALCANICA

VOL. 27(2) • AUGUST 2021

ISSN 1310-7771

ON-LINE ISSN: 1314-0027

www.bio.bas.bg/~phytolbalcan/

CONTENTS

Stoykov, D. & Gyosheva, M.

155 New data on two Mediterranean species of *Amanita* (*Agaricales*, *Amanitaceae*) in Bulgaria

Turki, Z.A., El Shayeb, F.M. & Shehata, F.A.

161 Morphological characterization of *Medicago littoralis* (*Fabaceae*) in Egypt, with two new varieties

Rani, T.S. & Solomon Raju, A.J.

167 Reproductive ecology of *Tephrosia purpurea* and *T. villosa* (*Fabaceae*)

Nichodemus, C.O. & Ekeke, Ch.

187 Morpho-anatomical and histological characters in the systematics of the *Croton* species (*Euphorbiaceae: Crotonoideae*) in South Nigeria

Nwankwo, O.E., Ezigbo, E.C., Odewo, S.A., Nwachukwu, S.E., Ajani, B.A. & Soyewo, L.T.

203 Reliable identification of five taxa of *Euphorbia* (*Euphorbiaceae*) of ethnobotanical value by morphological characters of the leaves

Onuminya, T.O., Kalesanwo, A.A. & Ogundipe, O.T.

209 Taxonomic studies of the genus *Placodiscus* (*Sapindaceae: Lepisantheae*) in West Africa and Cameroon

Melnyk, V. & Didenko, S.

221 Geographical distribution, habitats and current state of the *Galanthus elwesii* (*Amaryllidaceae*) populations in Ukraine

Giannopoulos, K. & Tan, Kit

231 Contributions to the bulb flora of Ilias (NW Peloponnese, Greece): *Asphodelaceae*, *Colchicaceae*, *Fumariaceae* and *Geraniaceae*

Vladimirov, V. & al. (comp.).

239 New floristic records in the Balkans: 45

PHYTOLOGIA BALCANICA

BULGARIAN ACADEMY OF SCIENCES
INSTITUTE OF BIODIVERSITY AND
ECOSYSTEM RESEARCH

PHYTOLOGIA BALCANICA



VOL. 27(2) • AUGUST 2021

The journal is covered in Web of Science (BIOSIS Previews, Biological Abstracts) and EBSCO



VOL. 27(2) • AUGUST 2021

PHYTOLOGIA BALCANICA
An International Journal for Botany and Mycology

Volume 27 (2), Sofia, August 2021

EDITORIAL BOARD

Editor-in-Chief:

Dimiter Ivanov Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, **Bulgaria**

Secretary:

Vladimir Vladimirov Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, **Bulgaria**

EDITORS:

Vassya Bankova Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences,
Sofia, **Bulgaria**

Hans-Jürgen Beug Institute of Ecology, University of Göttingen, **Germany**

Michal Hájek Faculty of Science, Masaryk University & Institute of Botany, Academy of Sciences of the Czech Republic,
Brno, **Czech Republic**

Carles Codina Faculty of Pharmacy, University of Barcelona, **Spain**

Anna Ganeva Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, **Bulgaria**

Werner Greuter Herbarium Mediterraneum, Orto Botanico, Palermo, **Italy**

Nejc Jogan Department of Biology, University of Ljubljana, **Slovenia**

Elena Marinova-Wolff Laboratory for Archaeobotany, State Office for Cultural Heritage, Baden Württemberg, **Germany**

Zdenka Neuhauslova Institute of Botany, Czech Academy of Sciences, Prague, **Czech Republic**

Neriman Özhatay Pharmaceutical Faculty, University of Istanbul, **Turkey**

Dimitrios Phitos Botanical Institute, University of Patras, **Greece**

Aluri Jacob Solomon Raju Department of Environmental Sciences, Plant Reproductive Biology, Andhra University, **India**

Arne Strid Botanical Museum, University of Lund, **Sweden**

Tod Stuessy Faculty Center Botany, Institute of Botany, University of Vienna, **Austria**

Kit Tan Institute of Biology, University of Copenhagen, **Denmark**

Rosen Tsonev Biological Faculty, Sofia University "St. Kliment Ohridski", **Bulgaria**

Pertti Uotila Botanical Museum, University of Helsinki, **Finland**

Jerzy Zielinski Institute of Dendrology, Polish Academy of Sciences, Poznan, **Poland**

Lana Zoric Department of Biology and Ecology, University of Novi Sad, **Serbia**

Address:

Phytologia Balcanica
Editorial Office
Acad. G. Bonchev St., bl. 23
1113 Sofia, Bulgaria

Internet Addresses:

e-mail: phytobalcanica@abv.bg
phytolbalcan@gmail.com
<http://www.bio.bas.bg/~phytolbalcan/>

ISSN 1310-7771

On-line ISSN: 1314-0027

©Institute of Biodiversity and Ecosystem Research
Bulgarian Academy of Sciences, 2021

Printed by:

Prof. Marin Drinov Publishing House
of Bulgarian Academy of Sciences
Acad. G. Bonchev St., bl. 6, 1113 Sofia, Bulgaria

English Language Editor:

Lydia Shvedova

Design of the cover page:

Krassimir Apostolov

Print design:

Simeon Simeonov

Cover illustration:

Ophrys apifera (left)

Photo: L. Domozettski, Bulgaria

Ophrys mammosa (right)

Photo: L. Domozettski, Bulgaria

This issue is financially supported by the

 **National Science Fund,
Ministry of Education
and Science, R Bulgaria**