

PHYTOLOGIA BALCANICA

VOL. 18(3) • DECEMBER 2012

ISSN 1310-7771

ON-LINE ISSN: 1314-0027

www.bio.bas.bg/~phytolbalcan/

CONTENTS

Bozukov, V. & Tsenov, B.

237 Catalogue of the Cenozoic plants of Bulgaria (Eocene to Pliocene). Addendum and Corrigendum

Panahi, P., Jamzad, Z., Pourmajidian, M. R., Fallah, A. & Pourhashemi, M.

263 Taxonomic implications of micro-morphological features for taxon delimitation within the *Quercus libani* complex (*Fagaceae*) in Iran

Tirtash, F. H., Keshavarzi, M. & Sheidai, M. 277 Study of the meiosis in some species of

277 Study of the meiosis in some species of Fumaria (Papaveraceae) from Iran

Pedashenko, H., Apostolova, I. & Vassilev, K.285 Amorpha fruticosa invasibility of different habitats in lower Danube

Talebi, S. M., Sheidai, M., Atri, M., Sharifnia, F. & Noormohammadi, Z.

293 Palynological study of the genus *Linum* in Iran (a taxonomic review)

Seif, E., Sheidai, M., Norouzi, M. & Noormohammadi, Z.

305 Biosystematic studies of *Cirsium arvense* populations in Iran

Vladimirov, V. & Petrova, A.

315 *Grindelia squarrosa*: a new alien species for the Bulgarian flora

Yetişen, K., Özdemir, C., Küçüködük, M. & Akyol, Y.

319 A morphological and anatomical study on *Hyacinthella glabrescens (Liliaceae)*

Kozuharova, E., Benbassat, N. & Napier, J.

323 New records of the remedial properties of vascular plants, some traditionally accepted as medicinal plants and some less familiar to ethnobotanists

Vladimirov, V., Dane, F. & Tan, Kit

333 New floristic records in the Balkans: 20

Book Reviews

377 List of reviewers

BULGARIAN ACADEMY OF SCIENCES
INSTITUTE OF BIODIVERSITY AND
ECOSYSTEM RESEARCH

PHYTOLOGIA BALCANICA



Vol. 18(3) • DECEMBER 2012

The journal is covered in Biological Abstracts and BIOSIS Previews





PHYTOLOGIA BALCANICA

International Journal of Balkan Flora and Vegetation

Volume 18 (3), Sofia, December 2012

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:

Mincho Anchev Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, Bulgaria

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

Elissaveta Bozhilova Biological Faculty, Sofia University, Bulgaria
Carles Codina Faculty of Pharmacy, University of Barcelona, Spain

Gheorghe Dihoru Institute of Biology, Romanian Academy, Bucharest, Romania

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

Werner GreuterHerbarium Mediterraneum, Orto Botanico, Palermo, ItalyNejc JoganDepartment of Biology, University of Ljubljana, Slovenia

Tenyo Meshinev Institute of Biodiversity and Ecosystem Research, Bulgarian Academy of Sciences, Sofia, **Bulgaria**

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

Neriman Özhatay Pharmaceutical Faculty, University of Istanbul, Turkey

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

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

Vladimir Stevanović Institute of Botany and Botanical Garden, University of Belgrade, Serbia

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**Dimiter Terziisky Department of Botany, Agricultural University, Plovdiy, **Bulgaria**

Pertti Uotila Botanical Museum, University of Helsinki, Finland

Jerzy Zieliński Institute of Dendrology, Polish Academy of Sciences, Poznan, Poland

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

Sofia 2012

Printed by:

Prof. Marin Drinov Academic Publishing House Acad. G. Bonchev St., bl. 6, 1113 Sofia, Bulgaria

Translation in English:

Lydia Shvedova

Design of the cover page: Krassimir Apostolov

Print design: Simeon Simeonov

Cover illustration:

Quercus libani Oliv.

Photo: Parisa Panahi, Tehran, Iran

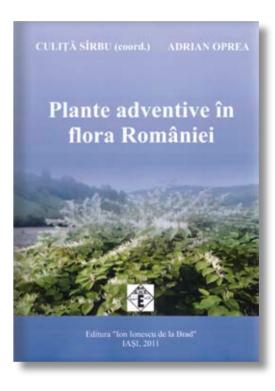
This issue is financially supported by the



Sîrbu, C. (coord.) & Oprea, A. 2011.

Plante adventive în flora României Advenitive Plants in the Flora of Romania

Edit. "Ion Ionescu de la Brad", Iaşi. Paperback, 736 pp. ISBN 978-973-147-096-2 (in Romanian).



The book presents information about 671 adventive species of vascular plants for the territory of Romania. Of these 593 species (88.4%) are neophytes, 71 (10.9%) are archeophytes, and 5 (0.7%) are with unknown time of introduction. A total of 112 species has been classified as invasive for the Romanian flora.

The genera and species are listed in alphabetical order within each family, whereas families and orders are arranged by their systematic position. Comprehensive information is presented for each species, including vernacular names (for many of the taxa), origin, time of introduction in Europe, first recording in Romania and time of naturalization, distribution within the country. The information is supported by references to numerous literature sources – 1594 titles, starting from the early explorations from the beginning of XIX century and reaching up to the present days. This undeniably shows that the 'alien species' issue has been extensively addressed in the botanical studies in Romania. The book is illustrated with 142 colour photographs of alien species.