

PHYTOLOGIA BALCANICA
International Journal of Balkan Flora and Vegetation
Volume 18(2), Sofia, August 2012

EDITORIAL BOARD

Editor-in-Chief:

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

Nejc Jogan Department 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**

Dimitar 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**

Dimitar Terziyski Department of Botany, Agricultural University, Plovdiv, **Bulgaria**

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

Jerzy Zielinski 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:

Coronilla valentina subsp. *glauca* (left)
Onobrychis arenaria subsp. *lasioistachya* (right)
Photo: K. Polymenakos, Attikis

This issue is financially supported by the



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