

SILVA BALCANICA

Editorial Board

Ivan Raev – Founder Georgi Georgiev – Editor-in-chief Alexander Delkov – Executive editor Pavel Velichkov – Language editor

Associate editors (Forest Research Institute – BAS)

Elena Todorova Ivailo Markoff Ivaylo Velichkov Margarita Georgieva Miglena Zhiyanski Veselka Gyuleva

Editorial Advisory Board

Alberto Rojo Alboreca - Lugo Alberto Santini – Sesto Fiorentino Alexander Alexandrov - Sofia Atanas Atanassov - Sofia Andrew Hursthouse – Paisley Daniela Pilarska - Sofia Gavriil Xanthopoulos – Athens György Csóka - Mátrafüred Ivan Iliev - Sofia Krassimir Kossev - Sofia Jozef Váľka – Zvolen Libor Jankovský - Brno Mara Tabaković-Tošić – Belgrade Mariyana Nikolova - Sofia Martin Banov - Sofia Matija Klopčič - Ljubljana Nikolay Spassov – Sofia Nikolina Tzvetkova – Sofia Paraskevi Alizoti - Thessaloniki Petar Zhelev - Sofia Pierluigi Paris – Porano Plamen Mitov - Sofia Tzvetan Zlatanov - Sofia Vassil Golemansky - Sofia Vera Lavadinović – Belgrade

Pre-print – Rositsa Kaneva Cover design – Krsto Terziev Kamelia Bisolnakova Printing house – Marin Drinov Academic Publishers

ISSN 1311-8706 (Print), ISSN 2815-2549 (Online)

Forest Research Institute

CONTENTS

STUDY ON THE COUPLED HUMAN – NATURAL SYSTEM IN VELINGRAD MUNICIPALITY, BULGARIA: A RESILIENCE PERSPECTIVE

Elena Todorova, Miglena Zhiyanski 5

NEW PARASITOIDS OF $CORYTHUCHA\ ARCUATA\ (SAY)\ (HEMIPTERA: TINGIDAE)$ IN BULGARIA

Georgi Georgiev, Peter Boyadzhiev, Margarita Georgieva, Plamen Mirchev, Mihail Kechev, Sevdalin Belilov, Boriana Katinova 31

SOILS AFTER FORESTRY MANAGEMENT ACTIVITIES IN SPRUCE PLANTATIONS

Lora Kirova 37

IMPACT OF MAINTENANCE REGIMES ON SPECIES RICHNESS IN NEWLY ESTABLISHED PERENNIAL WILDFLOWER MEADOWS

Maria Hristova 61

INFLUENCE OF EROSION CONTROL AFFORESTATION ON SOME SOIL PARAMETERS IN TWO WATERSHEDS IN SOUTHWEST BULGARIA

Eli Pavlova-Traykova 75

MORUS SP. CULTIVATION IN NATURA 2000 SITES: ENVIRONMENTAL CONSTRAINTS AND CONSIDERATIONS

Mariam Bozhilova 85

CHANGES IN EROSION SUSCEPTIBILITY OF A CHROMIC HAPLUSTERT PASTURE SOIL BY SOME POLYMERS UNDER SIMULATED RAINFALL

Tugrul Yakupoglu1, Nutullah Ozdemir 101

VALUATION OF THE WATER PROTECTION FUNCTION OF FOREST TERRITORIES AND INCOME ALLOCATION: A CASE STUDY OF BULGARIA

Nevena Shuleva, Konstantin Kolev 113

Silva Balcanica Journal is included in CABI data base.

This issue is published with the financial support of National Science Fund – Ministry of Education, Youth and Science.

Silva Balcanica is an International Scientific Journal. Original and unpublished results of investigations of all aspects of forest ecosystems and landscapes of Balkan Peninsula, Central and Southern Europe will be published. Silva Balcanica is published by Forest Research Institute – Bulgarian Academy of Sciences (FRI-BAS). Scientific analysis of practical results as well as investigations in the forest sciences, including forest ecology; forest soil science; forest genetics, tree breeding and plantation forestry; biometry and sylviculture; forest economy and management; forest entomology and pathology; ecology and management of game fauna, urban forestry and green infrastructure, are accepted. Critical and constructive articles on scientific publications or events in the field of forestry and forest science are also welcome.

E-mail: silvabalcanica@abv.bg http://www.silvabalcanica.pensoft.net