# South-Western Journal of

# HORTICULTURE, BIOLOGY and ENVIRONMENT



A journal of the University of Craiova, Faculty of Horticulture

Published by UNIVERSITARIA Publishing House, Craiova on behalf of:
University of Craiova, Faculty of Horticulture
University of Oradea, Faculty of Sciences
Romanian Horticulture Society

International Coverage:
SCOPUS
CAB Abstracts
EBSCO
Zoological Record (by former ISI)
Index Copernicus

First published 2010
P-ISSN: 2067-9874, E-ISSN: 2068-7958
http://biozoojournals.ro/swjhbe/index.html

#### **Editorial office**

University of Craiova, Faculty of Horticulture "A.I. Cuza" str. 13, 200585, Craiova, Dolj, Romania tel/fax: 0040251414541

e-mail: sinacosmulescu@hotmail.com

#### **Editorial Committee**

#### **Editor in Chief:**

Sina N. COSMULESCU - University of Craiova, Romania

#### Editor:

Sára FERENȚI - University of Oradea, Romania

#### **Associate Editors:**

Dorin C. COSTEA - University of Craiova, Romania Alfred S. CICORT-LUCACIU - University of Oradea, Romania

#### Technical Editor:

Sára FERENŢI - University of Oradea, Romania

#### **Editorial Board:**

Valerian BALAN - Universitatea Agrară de Stat din Moldova

Mihai BOTU - University of Craiova, Romania

Adrian CHIRA - USAMV Bucharest, Romania

Daniela CICHI - University of Craiova, Romania

Daniela CIUPEANU-CALUGAREANU - University of Craiova, Romania

Mark COYNE - University of Kentucky, College of Agriculture, SUSA

Diana CUPSA - University of Oradea, Romania

Kerim ÇIÇEK - Ege University, Izmir, Turkey

Gülşah ÇOBANOĞLU - Marmara University, İstanbul, Turkey

Grzegorz GRZYWACZEWSKI - University of Life Sciences in Lublin, Lublin, Poland

Radu-Dorin ILE - Reading University, UK

Alexandru ILIES - University of Oradea, Romania

Ignacy KITOWSKI - State School of Higher Education in Chelm, Chelm, Poland

László KRECSÁK - Eötvös Loránd University, Budapest, Hungary

Mira IONICA - University of Craiova, Romania

Violeta NOUR - University of Craiova, Romania

Ilirjan MALOLLARI - University of Tirana, Faculty of Natural Sciences, Albania

Ion MITREA - University of Craiova, Romania

Carmen NICU - University of Craiova, Romania

Manuel Alvarez ORTI - University Castilla La Mancha, Spain

Mehmet Musa ÖZCAN - Selçuk University , Konya , Turkey

Alexandros PAPACHATZIS - Technological Education Institution of Larissa, Greece

Jose Emilio PARDO GONZALEZ - University Castilla La Mancha, Spain

Jocelyne PERARD - University of Bourgogne, France

Daniel RĂDUȚOIU - University of Craiova, Romania

Ioan ROSCA - USAMV Bucharest, Romania

Liliana ROTARU - USAMV Iasi, Romania

Radu SESTRAS - USAMV Cluj-Napoca, Romania

Anita SOLAR - Biotechnical Faculty Agronomy, Ljubljana, Slovenia

Ajai K. SRIVASTAV - DDU Gorakhpur University, Gorakhpur, India

Tamás TÓTH - Budapest Zoo and Botanical Garden, Hungary

Ioannis VAGELAS - Technological Education Institution of Larissa, Greece

Mehmet Zülfü YILDIZ - Harran University, Osmanbey Campus, Turkey

## Aims and scope

The South-Western Journal of Horticulture, Biology & Environment publishes papers in the broad field of horticulture, biology, and environmental sciences. It was founded in 2010 by a group of Romanian researchers that recognized the necessity to create a new peer-reviewed scientific journal in Romania. They also recognized the need to allow researchers to publish their research quickly and in a visible way. The SWJHBE is published twice a year (in July and December). The manuscripts submitted in SWJHBE should be primary research papers, reviews, and opinion papers. Original research papers are welcomed both as full-length papers and short notes. Review papers should deal with topics of current interest, presented in a synthetic way.

Prof. Dr. Sina COSMULESCU Editor in Chief

# **CONTENTS**

### **FULL PAPERS**

THE EFFECT OF RHIZOBACTERIA

OF THE GENERA BACILLUS AND

PSEUDOMONAS ON WILT

(Fusarium oxysporum)

IN CHILI PEPPER

Eshetu YILMA, Fiseha TADESSE,

Nigussie DECHASSA, Tesfaye ALEMU \_\_\_\_\_\_pp. 01-24 / art.e25101

NEW DISTRIBUTION RECORDS OF Clathrus archeri (BASIDIOMYCOTA, PHALLACEAE) IN NORTH-WESTERN ROMANIA

Iulia Ramona DEMETER\_\_\_\_\_\_pp. 25-38 / art.e25102

NOTES UPON THE FLORA OF THREE VALLEYS IN THE IRON GATES NATURAL PARK, ROMANIA

Andreea GALAN, Amalia-Raluca DUMBRAVĂ,

Adriana PETRUȘ-VANCEA\_\_\_\_\_\_pp. 39-52 /art.e25103

GENETIC VARIATION OF SOME COLLECTED PURSLANE (Portulaca oleracea L.)
GENOTYPES REGARDING
MORPHOLOGIC TRAITS

Mehdi MOHEBODINI, Iman KHALILI-BASERI,
Karim FARMANPOUR-KALALAGH,
Naser SABAGHNIA\_\_\_\_\_\_pp. 53-69 /art.e25104

Liparus glabrirostris KÜSTER, 1849 (COLEOPTERA: CURCULIONIDAE) IN THE DANUBE GORGE: A LOW ALTITUDE POPULATION IN SOUTH-EASTERN EUROPE, ZOOGEOGRAPHICAL AND ECOLOGICAL CONSIDERATIONS

Lucian Alexandru TEODOR, Andreea-Maria LAZĂR, Alina-Florentina MUȘET,

Amalia-Raluca DUMBRAVĂ\_\_\_\_\_pp. 70-79 /art.e25105