

South-Western Journal of
HORTICULTURE, BIOLOGY and
ENVIRONMENT

Vol. 9, No. 2 - December 2018

*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

Managing Editor:
István SAS-KOVÁCS - University of Oradea, Romania

Editor:
Severus D. COVACIU-MARCOV - University of Oradea, Romania

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

Technical Editors:
Doina ROSCA - University of Craiova, Romania
Sára FERENȚI - University of Oradea, Romania

Language Editors:
Denisa CERACEANU - University of Craiova, Romania

Editorial Board:
Adrian BACIU - University of Craiova, Romania
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, SUA
Diana CUPSA - University of Oradea, Romania
Kerim ÇIÇEK - Ege University, Izmir, Turkey
Gülşah ÇOBANOĞLU - Marmara University, Istanbul, Turkey
Marta DIZY - University La Rioja, Spain
Stefano GREGO - University of Tuscia - Viterbo, Italy
Bayram GÖÇMEN - Ege University, Izmir, Turkey & N. Cyprus
Stefano GREGO - University of Tuscia - Viterbo, Italy

Grzegorz GRZYWACZEWSKI - University of Life Sciences in Lublin, Lublin, Poland
Michèle GUILLOUX-BENATIER -I.U.V.V. Jules Guyot, France
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
Dan MUNTEANU - Biological Institute, Cluj-Napoca & Romanian Academy, Romania
Carmen NICU - University of Craiova, Romania
Manuel Alvarez ORTI - University Castilla La Mancha, Spain
Mehmet Musa ÖZCAN - Selçuk University , Konya , Turkey
Daniela POPA - University of Craiova, Romania
Alexandros PAPACHATZIS - Technological Education Institution of Larissa, Greece
Jose Emilio PARDO GONZALEZ - University Castilla La Mancha, Spain
Jocelyne PERARD - University of Bourgogne, France
Ioan ROSCA - USAMV Bucharest, Romania
Liliana ROTARU - USAMV Iasi, Romania
Radu SESTRAS - USAMV Cluj-Napoca, Romania
Anita SOLAR - Biotechnical Faculty Agronomy, Ljubjana, Slovenia
Ajai K. SRIVASTAV - DDU Gorakhpur University, Gorakhpur, India
Nicolae TOMESCU - Babes-Bolyai University, Cluj-Napoca, Romania
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 board field of horticulture, biology and environmental sciences. It was founded in 2010 by a group of Romanian researchers that recognize the necessity to create a new peer reviewed scientific journal in Romania.

They also recognized the need of giving possibility for researchers to publish their research quickly, and in visible way. The swjHBE is currently published two times every 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 or short notes. Review papers should deal with topics of general interest or of contemporary importance, being synthetic rather than comprehensive in emphasis.

Prof. Dr. Sina COSMULESCU
Editor in Chief

CONTENTS

FULL PAPERS

EVOLUTION OF SOME PHYSICAL AND CHEMICAL CHARACTERISTICS OF THE MYROBALAN PLUM FRUITS (*Prunus cerasifera* EHRH.) DURING THEIR GROWTH AND RIPENING

Mira Elena IONICA; Sina Niculina COSMULESCU;

Ion TUTUNARU.....pp.53-63 / art.no. e18105

CHANGES IN PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF HOT PEPPER FRUITS ON MATURITY STAGES, CULTIVATION AREAS AND GENOTYPE

Maria DINU; Rodica SOARE;

Gheorghita HOZA; Cristina BĂBEANU.....pp.65-76 / art.no. e18106

VANADIUM EFFECTS ON PHENOLIC CONTENT AND PHOTOSYNTHETIC PIGMENTS OF SUNFLOWER

Masoumeh ABEDINI;

Fatemeh MOHAMMADIAN.....pp.77-86 / art.no. e18107

SHORT PAPERS

FIRST RECORD OF THE PALESTINE VIPER *Vipera palaestinae* (SEPENTES: VIPERIDAE) FROM ANATOLIA

Bayram GÖÇMEN; Mert KARIŞ;

Erdal ÖZMEN; Mehmet Anıl OĞUZ.....pp.87-90 / art.no. e18202

ARTIFICIAL HABITATS SERVING AS SHELTERS FOR AMPHIBIANS IN RICH BIODIVERSITY AREAS: A CASE IN THE JIU GORGE NATIONAL PARK, ROMANIA

George Adelin ILE; Felicia-Nicoleta SUCEA.....pp.91-96 / art.no. e18203

