

ANNALS OF WEST UNIVERSITY OF TIMIȘOARA, SERIES OF BIOLOGY, publishes research (primary)
papers on all aspects of the theory and application of biology.

CNCS code 248
ISSN print: 1453-7680
ISSN on-line: 2285-7044
ISSN L: 1582-3830

Editor-in-chief:

IANOVICI Nicoleta - *West University of Timișoara*, nicole_ianovici@yahoo.com

Assistant Editor

PÂRVULESCU Lucian - *West University of Timișoara*, parvulescubio@yahoo.com

Editorial Advisory Board

- **ARSENE Gicu** - *Banat University of Agricultural Sciences and Veterinary Medicine Timișoara, Faculty of Agriculture, Romania*
- **BERCU Rodica** – *Ovidius University of Constanța, Faculty of Natural and Agricultural Sciences, Romania*
- **BIRSAN Marius-Victor** - *National Meteorological Administration, Bucharest, Romania*
- **CELENK Sevcin**, *Uludağ University, Faculty of Science and Arts, Biology Department, Turkey*
- **CHIFIRIUC Carmen Mariana** - *University of Bucharest, Faculty of Biology, Romania*
- **COSTICĂ Naela** - *Alexandru Ioan Cuza University of Iași, Faculty of Biology, Romania*
- **CUPȘA Diana** - *University of Oradea, Faculty of Sciences, Department of Biology, Romania*
- **DAMIALIS Athanasios** - *School of Biological Applications and Technology, University of Ioannina, Greece and School of Biological Sciences, Royal Holloway University of London, United Kingdom*
- **DUMITRAȘCU Victor** - *University of Medicine and Pharmacy “Victor Babeș” Timișoara, Faculty of Pharmacy, Romania*
- **FILIMON Mărioara Nicoleta** - *West University of Timișoara, Romania*
- **GARCIA MOZO Herminia** - *University of Cordoba, Department of Botany, Ecology and Plant Physiology, Spain*
- **GRINN-GOFRON Agnieszka** - *University of Szczecin, Faculty of Biology, Department of Plant Taxonomy and Phytogeography, Poland*
- **GRUDNICKI Margareta** - *Ștefan cel Mare University of Suceava, Faculty of Forestry, Romania*
- **HAAS Doris Ulrike** - *Hygiene Institute, Medical University of Graz, Austria*
- **ILIE D. Marian** - *West University of Timișoara, Teacher Training Department, Romania*
- **IVĂNESCU Lăcrămioara Carmen** - *Alexandru Ioan Cuza University of Iași, Faculty of Biology, Romania*
- **MAKRA László** - *University of Szeged, Department of Climatology and Landscape Ecology, Hungary*
- **MARIAN Monica Liliana** - *Tehcnical University of Cluj Napoca, Baia Mare Center, Romania*
- **MUÑOZ RODRIGUEZ Adolfo** - *University of Huelva, Department of Environmental Biology and Public Health, Spain*
- **NITIU Daniela Silvana** - *National University of La Plata, Faculty of Natural Sciences and Museum, Argentina*
- **PĂDURE Ioana Marcela** - *University of Agronomic Sciences and Veterinary Medicine – Bucharest, Romania*
- **PETROVICI Milca** - *West University of Timișoara, Romania*
- **SCHRIMPF Anne** - *University Koblenz-Landau, Institute for Environmental Sciences, Germany*
- **ȘESAN Tatiana – Eugenia** - *University of Bucharest, Faculty of Biology, Romania*
- **SIKOPARIJA Branko** - *University of Novi Sad, Faculty of Sciences, Serbia*
- **SIMON-GRUITA Alexandra** - *University of Bucharest, Faculty of Biology, Romania*
- **ȘIRBU Culiță** - *Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine of Iași, Faculty of Agriculture, Romania*
- **SOARE Liliana Cristina** - *University of Pitești, Faculty of Sciences, Romania*
- **URECHE Dorel** - *Vasile Alecsandri University of Bacau, Faculty of Sciences, Romania*

Contents
vol. XVII
2014(1)

Mohamed FARISSI Cherki GHOULAM Abdelaziz BOUIZGAREN	<u>Water deficit effect on yield and forage quality of <i>Medicago sativa</i> populations under field conditions in Marrakesh Area (Morocco)</u>	1
Carlos H MARCHIORI	<u><i>Gnathopleura semirufa</i> (Brullé, 1846) parasitoid of dipterous synanthropic in Southern Goiás, Brazil</u>	9
Toochukwu Ekwutosi OGBULIE Ferdinand Chidi NWANEB Augusta Anuli NWACHUKWU	<u>Assessment of the total petroleum hydrocarbon content of agricultural soil polluted with different volume of crude oil during plant- microbe interaction</u>	13
Simon BROWN	<u>An estimate of the duration of the lag phase of the logistic growth curve</u>	25
Vlad D. MIRCOV Mihaela FERICEANU Alecu CIORSAC Adriana ISVORAN	<u>A non-random variation of monthly average temperatures and precipitation quantities in Romania during the period 2009-2012</u>	33
Rodica BERCU	<u>Anatomy of <i>Gynura aurantiaca</i> (blume) Sch.Bip. ex DC. (Asteraceae)</u>	39
Rodica BERCU Marius FAGARAS	<u>Histoanatomy of vegetative organs with bioactive principles in <i>Apium graveolens</i> L. var. rapaceum (Mill.) Gaud. (Apiaceae)</u>	45
Liliana Cristina SOARE Codruța-Mihaela DOBRESCU Camelia Georgiana DIACONESCU	<u>Research on the influence of lead acetate on the gametophyte of some pteridophyte species</u>	49