

**SYMPOSIUM
'ECOLOGY AND PROTECTION OF
ECOSYSTEMS' THE XITH EDITION**

5th – 7th of November 2015
BACAU, ROMANIA

PROGRAMME

2015

Honorary Committee

PhD Professor CONSTANTIN TOMA, member of the Romanian Academy, "Al. I. Cuza" University, Iași

PhD Professor MARIAN-TRAIAN GOMOIU, C.M. of the Romanian Academy, "Ovidius" University, Constanța

PhD DAN MUNTEANU, senior researcher, C.M. of Romanian Academy

PhD DUMITRU MURARIU C.M. of the Romanian Academy, senior researcher, C.M. of Romanian Academy, Institute of Speleology "Emil Racovita", București

PhD Professor GHEORGHE GLĂMAN, member of the Academy of Agricultural and Forestry Sciences, president of Romanian Horticulture Association

PhD Professor Neculai Barabaș, "Vasile Alecsandri" University of Bacau

PhD Professor Klaus Werner Battes, "Vasile Alecsandri" University of Bacau

PhD Professor Gogu Ghiorghită, President of the Piatra Neamț Branch of the Academy of Romanian Scientists, "Vasile Alecsandri" University of Bacau

PhD Associate Professor Mariana Ifrim, "Vasile Alecsandri" University of Bacau

PhD Associate Professor Cătălin Petre Rang, "Vasile Alecsandri" University of Bacau

Scientific committee

PhD Associate Professor ANGELA MARIA BĂNĂDUC, Dean of the Faculty of Sciences, "Lucian Blaga" University, Sibiu

PhD MIHAIL COMAN, senior researcher, manager of the Research and Development Institute for Fruit Trees, Pitești-Mărăcineni

PhD Associate Professor IOAN COROIU, Dean of the Faculty of Biology and Geology, "Babes-Bolyai" University of Cluj-Napoca

PhD Professor VICTOR CRISTEA, "Dunărea de Jos" University, Galați, Faculty of Food Science and Engineering, president of the Romanian Aquaculture Association

PhD Professor GABRIEL LAZĂR, President of the "Vasile Alecsandri" University Senate, Bacău

PhD Associate Professor MIHAI LEȘANU, Dean of the Faculty of Biology and Pedology, Moldova State University, Chisinau

PhD Professor VALENTIN NEDEFF, Rector of the "Vasile Alecsandri" University, Bacau

PhD Professor MIRCEA NICOARĂ, Dean of the Faculty of Biology, "Al. I. Cuza" University, Iași

PhD LUIS-OVIDIU POPA, general manager of "Grigore Antipa" Natural History Museum, Bucharest

PhD Associate Professor FERDINANT PRICOPE, "Vasile Alecsandri" University of Bacau

PhD Associate Professor MARIA PRISECARU, "Vasile Alecsandri" University of Bacau

PhD Professor IOAN VIOREL RAȚI, "Vasile Alecsandri" University of Bacau

PhD Professor GETA RÎȘNOVEANU, University of Bucharest, Faculty of Biology

PhD Associate Professor MARIUS SKOLKA, Dean of the Faculty of Natural and Agricultural Sciences, "Ovidius" University of Constanța,

PhD Professor FLORIN STĂNICĂ, vicerector of the University of Agronomic Sciences and Veterinary Medicine, Bucharest

PhD Professor LAURENȚIA UNGUREANU, scientific director of the Institute of Zoology, Academy of Sciences of Moldova, Chisinau

PhD Associate Professor DOREL URECHE, vicepresident of the Institute for Research, Development, Innovation, Consulting, and Technological Transfer, "Vasile Alecsandri" University of Bacau

Organizing Committee

PhD Professor IOAN VIOREL RAȚI

PhD Associate Professor DOREL URECHE

Lecturer PhD DANIELA NICUȚĂ

Lecturer PhD ROXANA ELENA VOICU

Assistant PhD DUMITRA RĂDUCANU

Secretariate: Lecturer PhD ROXANA ELENA VOICU

SESSION PROGRAM

Thursday, November 5th 2015

"Vasile Alecsandri" University of Bacău, Building A

15:00 – 18:00 - Samples reception for Competition of apple tasting (2nd Edition) (D 117)

17:00 – 20:00 - Registration of participants (A II 14)

Friday, November 6th 2015

"Vasile Alecsandri" University of Bacău, Building D, Aula

08:00 – 09:00 - Registration of participants – central hall, 1st floor, Building D

08:00 – 08:30 - Samples reception for Competition of apple tasting (2nd Edition) (D 117)

09:00 – 10:45 - The official opening of the Symposium "Ecology and protection of ecosystems 2015"

- Plenary oral presentations

- PhD Professor Constantin TOMA, member of the Romanian Academy – *Vegetal Genius and Animal Genius*
- Phd Professor Marian-Traian GOMOIU, C.M. of the Romanian Academy – *Ecosystem Vulnerability and Resilience*
- *BASF: Protect the Environment* – video presentation

10:45 – 11:00 - Coffee break

11:00 – 13:00 - Plenary oral presentations

- PhD Dan MUNTEANU, C.M. of the Romanian Academy – *The Human Perception of Biodiversity*
- PhD Dumitru MURARIU, C.M. of the Romanian Academy – *Biodiversity Adaptations to the Climate Changes*
- Phd Professor Angheluță VĂDINEANU – *Ecology: The Integrative and Transdisciplinary Science Aiming for understanding and Operationalisation the 3D Sustainable Development Model*
- PhD Constantin Ciornei – Book Release – *Protecția biologică a culturilor forestiere cu bioinsecticide fungice entomopatogene,*

authors: Ana-Maria Andrei, Constantin Ciornei, Ana-Cristina Fătu, Mihaela-Monica Dinu, Daniela Lupăștean, Gabriel Cardaș

13:00 – 14:30 - Lunch break, apples exhibition

Building D, 1st floor, Senate Hall

11:00 - Competition of apple tasting (2nd Edition)

Building D, 1st floor, Aula

14:30 – 16:00 - Oral presentations

16:00 – 17:00 - Coffee break

- Posters session

17:00 – 19:30 - Oral presentations

19:30 – 19:45 - Closing ceremony

19:45 - Galla dinner

- Awards of the Competition of apple tasting (2nd Edition)

Saturday, November 7th 2015

10:00 - Field trip to Itești orchards

Friday, November 6th 2015

"Vasile Alecsandri" University of Bacău, Building D, Aula

09:00 – 10:45 - Plenary oral presentations

Constantin TOMA - VEGETAL GENIUS AND ANIMAL GENIUS

Marian-Traian GOMOIU - ECOSYSTEM VULNERABILITY AND RESILIENCE

BASF: *PROTECT THE ENVIRONMENT* - video presentation

10:45 – 11:00 - Coffee break

11:00 – 13:00 - Plenary oral presentations

Dan MUNTEANU - THE HUMAN PERCEPTION OF BIODIVERSITY

Dumitru MURARIU – BIODIVERSITY ADAPTATIONS TO THE CLIMATE CHANGES

Angheluță VĂDINEANU – ECOLOGY: THE INTEGRATIVE AND TRANSDISCIPLINARY SCIENCE AIMING FOR UNDERSTANDING AND OPERATIONALISATION THE 3D SUSTAINABLE DEVELOPMENT MODEL

Constantin CIORNEI – Book Release – *Protecția biologică a culturilor forestiere cu bioinsecticide fungice entomopatogene*, authors: Ana-Maria Andrei, Constantin Ciornei, Ana-Cristina Fătu, Mihaela-Monica Dinu, Daniela Lupăștean, Gabriel Cardaș

13:00 – 14:30 - Lunch break, apples exhibition

14:30 – 16:00 - Oral presentations

**BIODIVERSITY OF AQUATIC ORGANISMS &
ECOLOGY AND SUSTAINABLE DEVELOPMENT**

Building D, 1st floor, Aula

Moderators:

Mircea Nicoară

Laurenția Ungureanu

Luiza Florea

Laurenția UNGUREANU, Daria TUMANOVA, Grigore UNGUREANU
PRODUCTION-DESTRUCTION PROCESSES IN THE PRUT RIVER

**Manuela Diana SAMARGIU, Gabriela Mihaela PARASCHIV, Teodora
Maria ONCIU, Laura ALEXANDROV and Daciana SAVA**
COMPOSITION OF BENTHIC BIOCOENOSIS FROM ZĂTONUL
MARE LAGOON - DANUBE DELTA

Ioan GHIRA, Mara GYONGYVER
HERPETOFAUNA OF THE CĂLIMANI-GURGHU NATURA 2000 SITE

**Grigore DAVIDEANU, Dumitru BULAT, Denis BULAT, Ana
DAVIDEANU, Irinel POPESCU, Nicolai CRĂCIUN, Eugen OPREA,
Mihai FOTEA, Dumitru IRIMIA**
Fish fauna of the River Prut, joint study Romania-Republic of Moldova

Ionela Marilena SLEJIUC, Milca PETROVICI
MONITORING OF HERPETOFAUNA FROM BEGA CHANNEL AND
BISTRA FOREST AREA (WESTERN ROMANIA)

**Ștefan-Adrian STRUNGARU, Mircea NICOARĂ, Marius RĂU,
Gabriel PLAVAN**
HOW MUCH CADMIUM, LEAD AND COPPER IS TRANSFERRED
FROM *ALBURNUS ALBURNUS* (L.1758) TO THE PARASITE *LIGULA
INTESTINALLIS* (L.1758)?

Luiza FLOREA, Isabelle METAXA, Iulia GRECU

DANUBE RIVER CONECTIVITY RESTORATION BETWEEN GALATI TOWN AND ISACCEA TOWN

Xenia Daiana GLIȘICI, Adrian SINITEAN

THE WATER QUALITY ASSESSMENT OF BEGA CHANNEL USING BENTHIC DIATOM COMMUNITIES

Liviu PRIPON, Gabriel CUZEPAN, Anca BUCUR, Raluca STOICA, Cătălin FUCIU, Adrian RAULEA, Ioan TĂUȘAN

COMMON BUZZARD (*Buteo buteo* L. 1758) ABUNDANCE AND DISTRIBUTION IN OLT VALLEY DURING WINTER BETWEEN 2014 AND 2015

Lăcrămioara RUSU, Maria HARJA, Daniela SUTEU, Lidia FAVIER, Adriana DABIJA

RISK ASSESSMENT OF POPULATION EXPOSURE TO ORGANOCHLORINE PESTICIDES THROUGH MILK IN BACAU AREA, ROMANIA

16:00 – 17:00 - Coffee break

- Posters session

- **BIODIVERSITY OF AQUATIC ORGANISMS**

Doru BĂNĂDUC, Ioana-Cristina CISMAȘ, Angela CURTEAN-BĂNĂDUC

BARBUS MERIDIONALIS RISSO 1826 ON SITE DECISIONS SUPPORT MANAGEMENT SYSTEM – A TRANSYLVANIAN NATURA 2000 SITE STUDY CASE

Ion NĂVODARU, Aurel NĂSTASE

COMPARISON OF FISH SAMPLING EFFICIENCY FOR TWO TYPE OF NORDIC GILLNETS RESPECTIVELY MONOFILAMENT AND MULTIFILAMENT TESTED IN DANUBE DELTA LAKES

Dorel URECHE, Teodora Ramona PINTILIEASA, Camelia URECHE
RESEARCH REGARDING THE ICHTHYOFAUNA IN THE BASIN OF
RIVER TARNAVA MARE, ROMANIA

Isabelle METAXA, Luiza FLOREA
THE SEASONAL DYNAMICS OF MACROZOOBENTHOS IN CIPRINID
PONDS

Nicolai CRACIUN, Adrian IONASCU, Bogdan-Mihai NEGREA
THE STRUCTURE OF THE FISH FAUNA OF BISTRITA AND
MOLDOVA RIVER BASINS

**Daciana SAVA, Gabriela Mihaela PARASCHIV, Manuela Diana
SAMARGIU**
DATA REGARDING AQUATIC MACROPHYTES FROM ZATONUL
MARE LAGOON (DANUBE DELTA, ROMANIA)

**Constantin-Marian PETRESCU, Violeta TURCUŞ, Daniela
BRATOSIN**
DETERMINATION OF UNICELLULAR *CHLORELLA* ALGAE
RESPONSES TO NANOPARTICLES TOXICITY USING FLOW
CYTOMETRY ANALYSIS

Zsolt Csaba TÖRÖK
ROMANIAN NATIONAL MONITORING PROGRAM DEVELOPED FOR
SPECIES OF COMMUNITY INTEREST – CASE STUDY: GIS USED
FOR SETTING UP THE MEDIUM-TERM ASSESSMENT PLAN FOR
SPECIES OF GENERA *RANA* AND *PELOPHYLAX*

Maria Cristina PONEPAL, Gheorghîta BRÎNZEĂ, Alina PĂUNESCU
SOME PHYSIOLOGICAL CHANGES INDUCED BY THE ACTION OF
FIPRONIL INSECTICIDE IN PRUSSIAN CARP AND PERCH

Ovidiu POPESCU, Mitică CIORPAC, Lucian D. GORGAN
SCARDINIUS GENERA PHYLOGENY INFERRED BY
MITOCHONDRIAL CYTOCHROME C OXIDASE I GENE ANALYSIS

Alina – Mihaela TRUȚĂ, Daniela Ileana STANCU

RESEARCH ON THE CURRENT STRUCTURE OF THE
ICHTHYOFAUNA OF THE RIVER VALSAN

**Alexandru Bogdan STACHE, Mitică CIORPAC, Lucian Dragoș
GORGAN**

A NEW INSIGHT ON *CARASSIUS GIBELIO* PHYLOGEOGRAPHY

- **ECOLOGY AND SUSTAINABLE DEVELOPMENT**

**Simona ANDREI, Ioan-Viorel RAȚI, Gabriel LAZĂR, Dora
RĂDUCANU, Nicoleta BĂDĂLUȚĂ**

DETERMINATION OF NUTRITIONAL ACTIONS OF ASFAC BC-
04 STIMULATOR IN FRUIT TREES CULTURE IN ECOLOGICAL
SYSTEM

Alexandru SOTEK, Iulian GHERGHEL

PREY SELECTION AND CAPTURE BEHAVIOR OF THE
CARPATHIAN SCORPION – *EUSCORPIUS CARPATHICUS*
(SCORPIONES: EUSCORPIIDAE)

Verginica SCHRÖDER, Ana-Maria MIHĂLCESCU

THE EVALUATION OF SOME HEAVY METALS TISSUE RETENTION
IN BENTHIC INVERTEBRATES AND FISHES FROM BLACK SEA
ROMANIAN SHALLOW WATER

**Marius Andrei RĂU, Gabriel PLĂVAN, Ștefan Adrian STRUNGARU,
Mircea NICOARĂ, Dorel URECHE**

FEEDING ECOLOGY OF SOME CYPRINIDS IN A SOUTH-EAST
EUROPEAN RIVER

Emilian PRICOP, Doina DANILA, Camelia Paula STEFANACHE
CONTRIBUTIONS TO THE ENTOMOFAUNA OF *ARNICA*
MONTANA L. FROM NORTH-EASTERN ROMANIA, WITH NOTES
REGARDING THE PRINCIPAL INJURIOUS SPECIES

Bogdan Mihai NEGREA, Nicolai CRACIUN, Philippe BURNY, Constantin Florin BARBIR

FOREST RELATED SOCIAL DEMANDS AND THE SUSTAINABLE FOREST MANAGEMENT CHALLENGE IN IAȘI COUNTY, ROMANIA

Nicoleta PLATON, Vasilica Alisa ARUȘ, Ileana Denisa NISTOR
CATALYSTS IN WET CATALYTIC PEROXIDE OXIDATION PROCESS

Anca-Andreea MARIN, Benoni LIXANDRU, Milca PETROVICI, Adrian SINITEAN, Dumitru POPESCU, Florica MORARIU

RESEARCH REGARDING ABOUT THE MONITORING OF THE LIVING CONDITIONS OF THE SAPROBIONTE ORGANISM IN THE BEGA RIVER WATER

Adrian IONASCU, Nicolai CRACIUN, Bogdan-Mihai NEGREA
OBSERVATIONS ON CONTINUING EXPANSION OF THE AREAL OF THE INVASIVE FISH SPECIES *PERCCOTTUS GLENII*

Răzvan V. FILIMON, Roxana FILIMON, Liliana ROTARU, Marius NICULAU

ANTHOCYANIN CONTENT AND COMPOSITION OF FRESH AND DRY POMACE FROM *VITIS VINIFERA* L. WINE CULTIVARS

Roxana M. FILIMON, Răzvan V. FILIMON, Liliana ROTARU
CHANGES IN YIELD AND QUALITY CHARACTERISTICS OF *VITIS VINIFERA* L. CULTIVAR MUSCAT DE HAMBURG UNDER THE INFLUENCE OF GIBBERELIC ACID (GA_3)

Oana-Alexandra DRĂGHICEANU, Liliana Cristina SOARE, Monica POPESCU

PHYSIOLOGICAL AND ANTIOXIDANT RESPONSES OF *ASPLENIUM SCOLOPENDRIUM* TO ELEVATED AMOUNTS OF LEAD IN SOIL

Marius-Ionel NĂDEJDE, Elena-Petronela BRAN, Iuliana CARAMAN, Dorel URECHE, Iuliana-Mihaela LAZĂR

THE STUDY OF THE ENVIRONMENTAL CHARACTERISTICS OF NON-POLLUTED AREA THROUGH THE FISH FAUNA

Magdalin Leonard DOROBĂȚ, Codruța Mihaela DOBRESCU
STUDY ON THE DEW POINT TEMPERATURE IN AREAS WITH
CRYSTALLINE SCHISTS SCREE IN THE LEAOTA
MOUNTAINS, 2014

Ionica DELIU
ANTIBIOTIC RESISTANCE OF SOME SOIL BACTERIAL STRAINS

Ionica DELIU, Mihaela Ionela ILIE, Anca Nicoleta ȘUȚAN
ANTIBIOTIC RESISTANCE OF LACTIC ACID BACTERIA FROM
FOOD

Andrei CIOLAC
THE “BLUE REVOLUTION” - AQUACULTURE IN BETWEEN
ECOLOGICAL AND ORGANIC

Gheorghîța BRÎNȚEA, Alina PĂUNESCU, Cristina Maria PONEPAL
SOIL-EARTHWORM RELATIONSHIP REFLECTED IN LUMBRICIDAE
DYNAMICS

**Elena-Petronela BRAN, Marius-Ionel NĂDEJDE, Oana ACATRINEI-
ÎNSURĂȚELU, Iuliana CARAMAN, Iuliana-Mihaela LAZĂR**
CORRELATION BETWEEN THE ACCUMULATION OF HEAVY
METALS IN RIVER WATER AND FISH POPULATION

Corina-Mihaela BÎRA, Ionela-Mioara MANOLACHI
ECOLOGICAL SCHOOL PROJECTS - “NATURE, A FRIEND IN NEED”

- **BIODIVERSITY OF TERRESTRIAL ORGANISMS**

Stela PAPA, Mitică CIORPAC, Lucian D. GORGAN, Ariola BACU
COMPARATIVE PROTOCOLS FOR AN EFFICIENT GENOMIC DNA
EXTRACTION FROM *SALVIA OFFICINALIS* L.

Mihai COSTICĂ

CONTRIBUTIONS TO THE KNOWLEDGE OF THE CORMOFITS AND EDAPHIC ALGAE DIVERSITY FROM THE AURATE MINES OF VALEA VINULUI-RODNA

Ozana - Maria PETRARU, Anca - Narcisa NEAGU

COMPARATIVE HISTOLOGY OF THE EYEBALL IN VERTEBRATES

Gabriela - Alina ȘTEFAN, Lăcrămioara IVĂNESCU

HISTO-ANATOMICAL ASPECTS OF THE *LAVANDULA* GENUS

Ioan Viorel RAȚI, Dumitra RĂDUCANU, Nicoleta BĂDĂLUȚĂ, Ionuț STOICA

RESEARCH REGARDING THE INFLUENCE OF ASFAC – 04 BC BIOSTIMULATOR ON CHERRY – TREE NANA VARIETY

Nicoleta BĂDĂLUȚĂ, Gogu GHIORGHITĂ, Ioan Viorel RAȚI, Daniela NICUȚĂ

MORPHOMETRIC VARIABILITY OF SEA BUCKTHORN SEEDS FROM WILD POPULATIONS AND CULTURE

Nicoleta BĂDĂLUȚĂ, Gogu GHIORGHITĂ, Ioan Viorel RAȚI

RESEARCH ON THE VARIABILITY OF SOME MORPHOLOGICAL CHARACTERS AND THE BIOMASS OF SEA BUCKTHORN FALSE FRUITS HARVESTED IN ROMANIA

Larisa BOGDEA, Ludmila BUCIUCEANU, Nicolai ZUBCOV, Andrei MUNTEANU

MONITORING OF BREEDING BIRDS' SPECIES IN AGRICULTURAL LANDSCAPE IN MOLDOVA

Mitică CIORPAC, Radu DRUICĂ, Constantin ION, Gogu GHIORGHITĂ, Lucian D. GORGAN

MOLECULAR IDENTIFICATION OF *ACROCEPHALUS SCIRPACEUS* X *A. ARUNDINACEUS* HYBRID IN THE NORTH-EASTERN ROMANIA

Camelia URECHE, Adam-Doru BOBEI, Roxana-Elena VOICU

COMPARATIVE STUDIES ON THE EPIGEAN INVERTEBRATES COMMUNITIES IN DIFFERENT TYPES OF FOREST

Paula Alexandra POSTU, Mircea-Dan MITROIU, Ovidiu Alin POPOVICI

NOTES ON THE LIFE HISTORY OF *TRICHOPRIA SOCIABILIS* MASNER, 1965 (HYMENOPTERA: DIAPRIIDAE), A NEW SPECIES TO ROMANIA

Emilian PRICOP, Bogdan-Mihai NEGREA, Nicolae CRĂCIUN

PRELIMINARY STUDIES ON THE PROTECTED ENTOMOFAUNA OF RARAU – GIUMALAU MOUNTAINS, WITH NOTES REGARDING THE DISTRIBUTION AND HABITAT OF SOME RARE SPECIES

Ana-Maria MIHĂLCESCU, Bianca-Ramona NEAGU

A STUDY OF WHITE STORK (AVES: *CICONIA CICONIA*) POPULATION FROM FETESTI AREA

Ozana - Maria PETRARU, Gabriela - Alina ȘTEFAN

VASCULAR FLORA OF THE PUTNA-VRANCEA NATURAL PARK

Adrian IONAȘCU, Nicolai CRACIUN, Bogdan-Mihai NEGREA

PRELIMINARY OBSERVATIONS REGARDING THE BAT FAUNA OF THE BISTRITA RIVER VALLEY FROM BARNAR CREEK TO DORNA ARINI CITY

- **BIOTEHNOLOGIES FOR ENVIROMENTAL PROTECTION AND RESOURCES' VALORIZATION**

Smaranda VÂNTU

INDIRECT ORGANOGENESIS OF *SYMPHYTUM OFFICINALE* L.

Mirela M. CÎMPEANU, Cristian S. CÎMPEANU, Iuliana C. BĂRA

FOOD ADDITIVES INFLUENCE ON CELL DIVISION AND CHROMOSOMES IN *SECALE CEREALE* L. ($2n = 14$) AND *ALLIUM CEPA* L. ($2n=16$)

Irina-Claudia ALEXA, Petronel PAVĂL, Daniela NICUȚĂ, Petronela BRAN, Oana-Irina PATRICIU, Luminița GROSU, Adriana Luminița FÎNARU

INFLUENCE OF HORMONES ADDITION FOR THE IMPROVEMENT OF PLANTLETS GROWTH (*CALENDULA OFFICINALIS*)

Daniela NICUȚĂ, Alexandra MATEI

ASPECTS OF THE MORPHOGENETIC REACTION OF SOME *THYMUS VULGARIS* EXPLANTS CULTIVATED *IN VITRO*

Violeta TURCUȘ, Iulian STANA, Iulia Natalia DĂRĂBAN, Constantin-Marian PETRESCU, Gicu-Gabriel ARSENE

HABITAT CONSERVATION MEASURES OF MOCREA-ROVINA-INEU HILL (ROSCI0218) COMMUNITY IMPORTANCE SITE

Ileana Denisa NISTOR, Alisa Vasilica ARUȘ, Mădălina PÎRVAN, Ana Maria GEORGESCU, Gabriela MUNTIANU, Neculai Doru MIRON

USE OF SOME CLAY MATERIALS ON SUNFLOWER OIL BLEACHING

Vasilica Alisa ARUȘ, Ileana Denisa NISTOR, Nicoleta PLATON, Ana Maria ROȘU, Gabriela MUNTIANU, Gheorghîța JINESCU

OPTIMIZATION OF LACTIC ACID FERMENTATION IN THE PRESENCE OF ANIONIC CLAY AND ULTRASONIC FIELD USING A 3³ FACTORIAL EXPERIMENT

Ana-Maria GEORGESCU, Gabriela MUNTIANU, Ileana Denisa NISTOR, Françoise NARDOU

MODELING AND OPTIMIZATION OF PILLARING PROCESS USING EXPERIMENTAL DESIGN PROCEDURE

Andrei I. SIMION, Cristina G. GRIGORAȘ, Lidia G. FAVIER, Alina M. MOROI, Yassine F. KADMI

PLANT & AGRI-INDUSTRIAL BY-PRODUCTS USED IN FODDER YEAST PRODUCTION

Gabriela MUNTIANU, Ana Maria GEORGESCU, Ileana Denisa NISTOR, Gheorghita JINESCU

CAPITALIZATION OF NATURAL AND STRUCTURALLY MODIFIED BENTONITES USED AS ADSORBENTS IN AMMONIA ATMOSPHERIC RETENTION

Oana-Irina PATRICIU, Irina-Claudia ALEXA, Elena-Mirela SUCEVEANU, Luminița GROSU, Irina-Loredana IFRIM, Adriana-Luminița FÎNARU

APPLICATION OF ACCESSIBLE ANALYTICAL METHODS FOR ISOFLAVONES DETERMINATION FROM SOY

Dumitra RĂDUCANU, Alexandra CIORAȚĂ, Petronela BRAN, Maria PRISECARU

STUDY OF SOME PHYSICO - CHEMICAL AND MICROBIOLOGICAL CHARACTERISTICS OF THE WATER AND MUD FROM SALT LAKE BRAILA

17:00 – 19:30 - Oral presentations

BIODIVERSITY OF TERRESTRIAL ORGANISMS & BIOTEHNOLOGIES FOR ENVIROMENTAL PROTECTION AND RESOURCES' VALORIZATION

Building D, 1st floor, Aula

Moderators:

Mihai Leșanu

Daciana Sava

Lucian Gorgan

Constantin TOMA, Irina BOZ, Anca CLAPA

CONTRIBUTION TO THE KNOWLEDGE OF VEGETATIVE ORGANS STRUCTURE OF *PAEONIA PEREGRINA* MILL.

Marius FĂGĂRAȘ

RUDERALIZATION OF THE SAND DUNES WITHIN AGIGEA NATURAL RESERVE, A THREAT FOR THE PRIORITY HABITAT 2130

Mariana COJAN

STUDY ON PARASITICAL DISEASES IN CHILDREN'S CASE TOWN OF CAHUL, REPUBLIC OF MOLDOVA

Mariana COJAN

BIOLOGICAL, CLINICAL AND DIAGNOSTIC ASPECTS OF PARASITIC DISEASES IN HUMANS

Mariana COJAN

STUDIES OF BEHAVIORAL RELATIONS BETWEEN THE HOST AND THE PARASITE

Ioan-Alexandru RĂDAC, Milca PETROVICI

ALIEN TRUE BUGS IN ROMANIA: FIRST MENTION OF *HALYOMORPHA HALYS* (STĂL, 1855) AND NEW RECORDS OF *OXYCARENUS LAVATERAE* (FABRICIUS, 1787) AND *LEPTOGLOSSUS OCCIDENTALIS* HEIDEMANN, 1910

Constantin COJAN, Larisa BOGDEA, Andrei MUNTEANU, Natalia SOCHIRCĂ

THE DYNAMICS OF ANSERIFORMES IN HIEMAL SEASON IN THE LOWER PRUT IN REPUBLIC OF MOLDOVA

Constantin COJAN, Mariana COJAN

STUDY IN THE INFLAMMATORY BIOLOGICAL SYNDROME IN ASCARIASIS

Constantin COJAN, Mariana COJAN

BIOLOGICAL PARTICULARITIES IN ASCARIASIS PATHOGENESIS IN HUMAN'S CASE

Constantin COJAN, Mariana COJAN

STUDIES CONCERNING CLINICAL, BIOLOGICAL AND LABORATORY MANIFESTATIONS ON PATIENTS INFESTED WITH *Toxocariasis*

Ortansa JIGĂU, Otilia Carmen PAVEL

A HISTORY OF TEMPORARY EXHIBITIONS DISPLAYING FRESH MUSHROOMS

Mihai LEȘANU, Ludmila PERCIULEAC
OAK MICROPROPAGATION *IN VITRO*

Constantin CIORNEI, Tatiana BLAGA, Gheorghe ȚILEA, Mihaela MATACHE, Ion IONIȚĂ, Adrian VENTONEAC, Mihai PRISECARIU
NEW PHEROMONES USED IN MONITORING OF MAIN DEFOLIATORS OF DECIDUOUS FORESTS IN ROMANIA.
PRELIMINARY RESULTS

Cecilia ȘERBAN
OBSERVATIONS REGARDING THE PRESENCE OF
PECTINATELLA MAGNIFICA (BRYOZOA) IN ROMANIA

Mihai LASCHI
RESEARCH ON THE USE OF INTELLIGENT IRRIGATION SYSTEM
AND PRECISION AGRICULTURE

Milian GURĂU
NEW MEDICINAL SPECIES IN THE SPONTANEOUS FLORA OF
ROMANIA

Gabriel-Alin IOSOB, Maria PRISECARU, Iuliana-Mihaela LAZĂR
MICROORGANISMS USED IN BIOREMEDIATION OF SOILS
CONTAMINATED WITH PETROLEUM PRODUCTS

19:30 – 19:45 - Closing ceremony

19:45 - Gala dinner

- Awards of the Competition of apple tasting (2nd Edition)

Saturday, November 7th 2015

10:00 - Field trip to Itești orchards

**The Participants at the Symposium
'Ecology and Protection of Ecosystems' the XITh Edition,
5 – 7 of November 2015, Bacau, Romania**

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