

**BANAT'S UNIVERSITY OF AGRICULTURAL SCIENCE AND
VETERINARY MEDICINE "KING MICHAEL I OF ROMANIA"
FROM TIMI OARA ROMANIA**



PROGRAM

FACULTY OF AGRICULTURE

In collaboration with

**THE NOVI SAD UNIVERSITY, SCDA LOVRIN,
SZENT ISTVÁN UNIVERSITY**



**SZENT ISTVÁN
EGYETEM**



**AGRÁR- ÉS GAZDASÁGTUDOMÁNYI KAR
SZARVAS**



**ROMANIAN
ACADEMY-
TIMI OARA
BRANCH**



INTERNATIONAL CONFERENCE ON LIFE SCIENCES



**Section "TRENDS IN EUROPEAN AGRICULTURE
DEVELOPMENT"**

**TIMISOARA
May 23-24, 2019**

ORGANISING COMMITTEE
COMITETUL DE ORGANIZARE

Prof. PhD Florin IMBREA

- *Dean of Faculty of Agriculture, USAMVB Timisoara*

Lecturer PhD Laura MULEAC

- *Vice Dean Faculty of Agriculture, USAMVB Timisoara*

Associate Prof. PhD Florin CRISTA

- *Vice Dean Faculty of Agriculture, USAMVB Timisoara*

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Lecturer PhD Cristian BOSTAN - USAMVB Timisoara

Lecturer PhD Casiana MIHUȚ - USAMVB Timisoara

Lecturer PhD Olga RADA - USAMVB Timisoara

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Lecturer PhD Mihaela FERICEAN - USAMVB Timisoara

Assist. PhD George POPESCU - USAMVB Timisoara

PhD student tefan B TRÎNA - USAMVB Timisoara

**PROGRAMME OF THE SYMPOSIUM
PROGRAMUL SIMPOZIONULUI**

**Thursday – May 23 2019
Joi – 23 mai 2019**

9⁰⁰ – 11⁰⁰	<p><i>Welcoming and registration of the participants in front of Iulian Dr cea Lecture Hall</i></p> <p>Primirea și înregistrarea participanților în fața Aulei Iulian Dr cea</p>
11⁰⁰ – 11⁰⁵	<p><i>Opening Ceremony - Iulian Dr cea Lecture Hall</i> <i>Deschiderea festiv – Aula “Iulian Dr cea”</i></p>
11⁰⁵ – 11¹⁵	<p>- <i>Prof. Cosmin Alin POPESCU, PhD</i> Banat’s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timi oara - Rector</p>
11¹⁵ – 11²⁵	<p>- <i>Prof. Isidora RADULOV, PhD</i> Banat’s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timi oara – Vice Rector</p>
11³⁰ – 12⁰⁰	<p>- „Per- & Polyfluoroalkyl Substances (PFAS) in Soil, Water, Animal Feed and Food” - <i>Thomas G. Nagel</i> – The Center for Agricultural Technology Augustenberg (LTZ), Germany</p>
12⁰⁰ - 12³⁰	<p>- <i>Prof. Dr. habil. Carsten Lorz</i> - University of Applied Sciences, Department of Forestry, Germany</p>
12³⁰ - 14⁰⁰	<p><i>Lunch Break</i> Pauză de prânz</p>
14³⁰ - 17⁰⁰	<p><i>Presentation of scientific paper</i> <i>Susținerea lucrărilor</i></p>
17⁰⁰ - 18⁰⁰	<p><i>Poster presentation</i> <i>Prezentarea posterelor</i></p>
19⁰⁰ - 23⁰⁰	<p><i>Cina festiv la Restaurant Venue</i> <i>Dinner at Venue Restaurant</i></p>

Friday – May, 24 2019 Vineri – 24 mai 2019	
9⁰⁰ – 12⁰⁰	Poster presentation <i>Prezentarea posterelor</i>

Thursday – May, 24 2019
Joi – 24 mai 2019
Amfiteater A2

Moderators:

Lecturer PhD Laura MULEAC - USAMVB Timi oara
Prof. PhD Zoltán FUTÓ– Szent István University
PhD Michele SELLITTO – MSBIOTECH Spa

Secretary:

Lecturer PhD Alina LAȚO- USAMVB Timi oara

14³⁰-15⁰⁰

Vittorio Venturi – *Presentation of International Centre for Genetic Engineering and Biotechnology (ICGEB)*

15⁰⁰-15¹⁵

COCAN D., MIRE AN V., CONSTANTINESCU R., POPESCU F., UIUIU P., IHU A., NICULA A.S., LA IU C- *ICHTHYOFAUNAL DIVERSITY OF RUSCOVA RIVER - A DANUBE SALMON (HUCHO HUCHO, LINNAEUS 1758) SPAWNING TRIBUTARY*

15¹⁵-15³⁰

CIOBOTARU V. Gabriela, IMBREA M. Ilinca, DEHELEAN A. Cristina, DANCIU Corina, COPOLOVICI Dana, COPOLOVICI Lucian, B RBULESCU Greta, DUMITRA CU Victor, POP Georgeta - *CHEMICAL COMPOSITION AND ANTIMICROBIAL ACTIVITY OF ESSENTIAL OILS EXTRACTED FROM THYMUS SERPHYLLUM L. AND SATUREJA MONTANA L. CULTIVATED IN THE PEDOCLIMATIC CONDITIONS OF THE BANAT AREA*

15³⁰-15⁴⁵

CÂNTAR Ilie-Cosmin, DINC Lucian, CHIS LIȚ Ion, CRI AN Vlad, KACHOVA Vania - *IDENTIFYING THE OLDEST STANDS FROM THE SOUTHERN CARPATHIANS TOGETHER WITH THEIR MAIN CHARACTERISTICS*

15⁴⁵-16⁰⁰

ANDOR Cristian Iosif, DAVID Gheorghe, R U Dorin, MARTIN Alina -*INFLUENCE OF NITROGEN AND PHOSPHORUS FERTILIZERS ON THE PRODUCTION OF WHEAT AND MAIZE UNDER THE PEDO-CLIMATIC CONDITIONS IN LOVRIN BETWEEN 2016-2018*

16⁰⁰-16¹⁵

DAVID Gh., R U D., DICU D., MARTIN Alina, ANDOR C.I., FOTA F, NITA L- *NATURAL ENVIRONMENT AND GEOGRAPHICAL FEATURES DEFINING SOIL QUALITY FROM THE UPPER AND MIDDLE COURSE OF THE BEREGS U STREAM*

16¹⁵-16³⁰

RECHI EAN Dorin, S RA EANU Veronica, DRAGO Marcela, BULAI Andreea, HORABLAGA Marinel Nicolae, SALA Anca- *EVOLUTION OF THE FLORISTIC COMPOSITION AND ECOLOGICAL INDEXES OF SOME GRASSLAND FROM BANAT AREA (WESTERN ROMANIA) DEPENDING BY ELEVATION*

16³⁰-16⁴⁵

S R EANU Veronica, LAIE D.G., D'OTTAVIO P., UPINA B., COTUNA Otilia, DUR U Carmen Claudia- *LONG TERM EVOLUTION OF EX-ARABLE GRASSLAND VEGETATION RELATED WITH CLIMATE IN FOREST STEPPE AREA (WESTERN ROMANIA)*

16⁴⁵-17⁰⁰

VECHIU Emilia , DINC Maria - *CYTISUS PLANTS CONSERVED IN "ALEXANDRU BELDIE" HERBARIUM*

17⁰⁰-17¹⁵

VECHIU Emilia , DINC Maria - *FOREST FRUITS REPRESENTATIVE FOR TIMIS COUNTY*

17¹⁵-17³⁰

MUZDALO Sara, VUJADINOVIC Mirjam, VUKOVIC Ana, RANKOVIC-VASIC Zorica, MIRCOV Vlad Dragoslav, DOBREI Alin - *CLIMATE CHANGE IN VINEYARDS OF SERBIAN-ROMANIAN BANAT*

BORCEAN Adrian, IMBREA Ilinca, DAVID Gheorghe - LEAF SPOT OF WILD PEPPERMINT SPECIES ON SOUTH - WESTERN PART OF ROMANIA

POSTER SESSION

- **HORABLAGA Nicolae Marinel, COJOCARIU Lumini a, LALESCU Dacian Virgil, COP CEAN Loredana, BOSTAN Cristian, HORABLAGA Adina, HOANCEA Lia-** *MODELLING OF BERSEEM CLOVER IN MONOCROP AND FORAGE MIXTURE WITH ANNUAL RYEGRASS*
- **CIOBANU Oana, R DULESCU Hortensia-** *RESULTS CONCERNING BEEHIVES LOCATION INFLUENCE ON THE HEAVY METALS CONTENT OF HONEY*
- **FERICEAN Liana Mihaela, Mihaela CORNEANU, C. DA C U, Lumini a ROMAN, Mihaela IVAN, Olga RADA-** *RESEARCH REGARDING EXTERNAL ANATOMY OF SPECIES HYALOPTERUS PRUNI AND RHOPALOSIPHUM PADI*
- **GEORGIEVA Romyana, Hristofor KIRCHEV-** *EFFECT OF TREATMENT WITH PLANT GROWTH REGULATORS AND DIFFERENT FERTILIZATION LEVELS ON YIELD AND ITS COMPONENTS IN TRITICALE VARIETIES*
- **CORCHES M. T. S, K. I. LATO, Alina LATO-** *STUDY OF ROAD TRAFFIC NOISE POLLUTION IN RESIDENTIAL AREAS FROM THE NATIONAL ROAD 1 BETWEEN SEBES AND AIUD CITY, ROMANIA*
- **CIOCAN Simona-Gabriela, Simina-Mirela R ILEANU, Daniel BUCUR-** *EVOLUTION OF THE SURFACE EROSION DEGRADATION STATE OF THE AGRICULTURAL LANDS IN THE SUCEAVA COUNTY*
- **STOYANOVA Antoniya, Velika KUNEVA, Nikolai VALCHEV-** *MATHEMATICAL APPROACHES TO STUDY THE INFLUENCE OF THREE LEVELS FERTILIZATION AND IRRIGATION*

- **DELIBALTOVA Vanya** - *STUDY ON THE EFFECT OF SOME PRODUCTS FOR FOLIAR APPLICATION ON THE PRODUCTIVITY AND ESSENTIAL OIL CONTENT IN CORIANDER SEEDS*
- **CRISTA Florin, RADULOV Isidora, IMBREA Florin, BERBECEA Adina, LATO Alina, NITA Lucian, BOLDEA Marius-** *THE STIMULATING EFFECT OF FOLIAR FERTILIZERS ON WHEAT QUALITY INDICES*
- **CABAROIU Gabriel, RUJESCU Ciprian, SALA Florin-** *DIRECT AND INTERACTION INFLUENCE OF N AND SI IN THE DETERMINATION OF SOME FOLIAR INDEXES IN MAIZE*
- **TSENOV Nikolay, Todor GUBATOV, Ivan YANCHEV-** *ESTIMATION THE PRODUCTIVITY OF NEW WHEAT VARIETIES IN MULTI ENVIRONMENTAL TRAILS*
- **NI L., D. R U, D. DICU ,Gh.ROGOBETE, Clara TUDOR ,F.CRISTA, K.I. LAȚO ,Simona NIȚ** - *THE NATURAL ENVIRONMENT AND THE ZONAL FEATURES THAT DEFINE THE LAND FUND STRUCTURE AND THE SOIL QUALITY ON THE UPPER COURSE OF THE TIMI RIVER*
- **BOUGHALEM Mostafia, Z, OUZERBANE, Hafida BOUCHERIT, Zahéra SUIDI-** *OLIVE SOILS ENHANCEMENT IN THE REGION OF TLEMCCEN-ALGERIA: A VEGETAL COVER TO IMPROVE SOIL FERTILITY*
- **BOLDEA Marius, Florin CRISTA, Isidora RADULOV, Laura CRISTA, Lucian NITA-** *DESIGNING A (MITSCHERLICH-TYPE) MATHEMATICAL MODEL OF THE INTERDEPENDENCE BETWEEN THE CEREAL YIELD AND TWO TYPES OF CHEMICAL FERTILIZERS*
- **NI Simona, F. IMBREA, L.NIȚ , A. BORCEAN, L. BOTO , Liliana PANAITESCU-** *THE EFFECT OF USING THE SLUDGE RESULTING FROM PROCESSING COPPER ORE ON RAPESEED (BRASSICA NAPUS L.SPP OLEIFERA DC) AND SAFFLOWER (CARTHAMUS TINCTORIUS L.) CROPS IN PLANT NUTRITION*
- **GHERASIMESCU Loredana , Stefan B TRÎNA, Florin CRISTA, Laura SMULEAC, Ioan B N ȚEAN DUNEA, Florin IMBREA-** *MANAGEMENT ANALYSIS OF THE INVOLVED POPULATION AND STRUCTURE OF AGRICULTURAL HOLDINGS IN ROMANIA*

- **R ILEANU Simina-Mirela, Simona-Gabriela CIOCAN, D. BUCUR** - *SOIL AND WATER CONSERVATIONS MEASURES TO PREVENT LAND DEGRADATION AND FOR IMPROVING PASTURE PRODUCTIVITY*
- **IMBREA Florin, BORCEAN Adrian** - *CRAMBE ABYSSINICA (HOCHST) - AN OIL CROP WITH PERSPECTIVE*
- **MODIGA Beatrice Alexandra, Mihaela COVA , Cristina SLABU, Alina Elena Marta, Carmenica Doina JIT REANU-** *EFFECTS OF SALT STRESS ON PIGMENTS, PROLINE CONTENT AND PRODUCTION TO SEVEN DIFFERENT BEAN GENOTYPES*
- **MULEAC Adrian , Cosmin POPESCU, Laura MULEAC, Teodor Eugen MAN-** *ESTABLISHING A GEODESY NETWORK WITH THE SATELLITE TECHNOLOGY USED IN WATER MANAGEMENT*
- **OKROS Adalbert, Paul PIRSAN, BORCEAN Adrian, Casiana MIHUT, Simona NITA, MIRCOV Vlad Dragoslav, Shahzod HAMDAMOV, Abdumanon-** *INTENSIVE AGRICULTURE MANAGEMENT IN THE NORTH-WEST AREA OF THE BANAT REGION UNDER THE INFLUENCE OF DIFFERENT BIO-PEDO-CLIMATIC CONDITIONS*
- **SMULEAC Laura, Ioana CORODAN, IMBREA Florin, B N ŢEAN DUNEA Ioan, ŞMULEAC Adrian, Anișoara IENCIU, BERTICI Radu, DICU Daniel, BOJINESCU Florina Nicoleta-** *INFLUENCE OF VARIOUS ANTHROPIC ACTIVITIES ON THE QUALITY OF GROUNDWATER IN TIMIS COUNTY*
- **COJOCARIU Lumini a, POPESCU Cosmin, COP CEAN Loredana, GLIGOR Viorel, NICULA Alexandru-Sabin-** *ANALYSIS OF CHANGES IN GRASSLAND SURFACES IN MOUNTAIN AREAS ASSISTED BY REMOTE SENSING AND GIS*
- **POPA Daniel, Radu ILEA, Sorin BUNGESCU, Ani oara DUMA-COPCEA, Casiana MIHU ,Alexandra BECHERESCU-** *SOIL TILLAGE LIKE AS METHOD OF INFLUENCE TO PHYSICAL SOIL PROPRIETIES AND MAIZE YIELD*
- **MIRCOV Vlad Dragoslav , NICHITA Iuliana Anca, CIOLAC Valeria, OKROS Adalbert, Casiana MIHUT, Antoanela COZMA, DUDAS Mihai-** *EXTREME METEOROLOGICAL PHENOMENONS RECORDED IN*

SOUTH WEST OF ROMANIA IN THE WINTER OF 2018/2019 – RECORD SNOW DEPTH REGISTERED IN TIMISOARA

- **POP Georgeta** , **Andreea KONTI**, **Ilinca M. IMBREA**, **Dana COPOLOVICI**, **Gabriela V. CIOBOTARU** , **L COPOLOVICI**.- *ANALYSIS OF THE CHEMICAL COMPOSITION OF LAVENDER OIL ACCORDING TO CULTIVARS AND THE PEDOCLIMATIC CONDITIONS OF THE BANAT AREA*
- **COROAMA DORNEANU Laura Ioana**, **Alina Andreea DRAGOESCU URLICA**, **Iasmina Cecilia SAVESCU**, **Marius Robert LUNGU**-(R)*EVOLUTION: BASIC RESEARCH CONSIDERATIONS ON EMPATHY AND WELL-BEING IN THE ESP CLASS IN THE ACADEMIC ENVIRONMENT*
- **DRAGOESCU URLICA Alina-Andreea**; **L. I. COROAMA-DORNEANU**; **I. C. SAVESCU**, **M. R. LUNGU**; **A. MARGHITAN**- *TEACHING LANGUAGES AND COMMUNICATION SKILLS IN COLLABORATIVE ENVIRONMENTS*
- **BORCEAN Adrian**, **Florin IMBREA**, **Gicu ARSENE**-*OBSERVATIONS CONCERNING ST JOHN'S WORT (HYPERICUM PERFORATUM) ROOT ROT AND STEM DIEBACK (FUSARIUM SP.)*
- **CHITU Catalin**, **IMBREA Florin**- *TECHNOLOGY EVOLUTION IN CROP MANAGEMENT*
- **MIHUȚ Casiana**, **Valeria CIOLAC**, **Paul PÎR AN**, **Adrian BORCEAN**, **Mihaela MOAT R**, **Adalbert OKROS**, **Vlad MIRCOV**, **Ani oara DUMA-COPCEA**- *THE MANAGEMENT OF SOIL RESOURCES IN THE AREA OF URIANU MOUNTAINS, ALBA COUNTY, ROMANIA, UNDER DIFFERENT PEDOCLIMATIC CONDITIONS*
- **DUMA-COPCEA Anișoara**, **Casiana MIHUȚ**, **R. ILEA**, **Corina SÎRBU**, **Daniela Nicoleta SCEDEI**, **Valer POP-BARLEY SOWING TECHNOLOGY**
- **LIP A Florin Daniel**, **FLOREA Andreea Mihaela**, **GAFENCU Andrei Mihai**, **ULEA Eugen**- *CROP SPECIES AS DETERMINANT OF THE STRUCTURE OF MICROBIAL COMMUNITIES IN CHERNOZEM SOIL IN THE SOUTHEAST REGION OF MOLDAVIA, ROMANIA*
- **CIOBOTARU V.Gabriela**, **Ilinca M. IMBREA**, **Cristina A.DEHELEAN**, **Corina DANCIU**, **Dana COPOLOVICI**, **Lucian COPOLOVICI**, **Greta B RBULESCU**, **Victor**

- DUMITRA CU, Georgeta POP-** *CHEMICAL COMPOSITION AND ANTIMICROBIAL ACTIVITY OF ESSENTIAL OILS EXTRACTED FROM THYMUS SERPHYLLUM L. AND SATUREJA MONTANA L. CULTIVATED IN THE PEDOCLIMATIC CONDITIONS OF THE BANAT AREA*
- **DRAGOȘ Marcela, RECHIȚEAN Dorin, SALA Anca-** *STUDY ON THE VARIABILITY IN DRY MATTER CONTENT OF SEVERAL LOLIUM PERENNE L. LINES MAINTAINED AND PRESERVED AT ARDS LOVRIN*
 - **BULAI Andreea , I. TOMA, D. RECHIȚEAN, C. BUZNA, Marcela DRAGO , Anca PANDA-** *THE STUDY OF VARIABILITY OF SOME OF THE PRODUCTION ELEMENTS IN THE AUTUMN OAT FROM S.C. D. A. LOVRIN*
 - **DELČEV Grozi -** *STABILITY AND SELECTIVITY OF SOME HERBICIDES, HERBICIDE COMBINATIONS AND AN HERBICIDE TANK MIXTURE ON CHICKPEA (CICER ARIETINUM L.)*
 - **TODOROV Z., I. VELINOV, Svetla KOSTADINOVA-** *EFFECT OF NITROGEN RATES ON THE NUTRIENT BALANCES OF GRAIN SORGHUM*
 - **SOÓS Olivér , Ildikó SZALÓKINÉ ZIMA , Attila RIBÁCS, Noémi HERNÁDI-** *THE EFFECT OF COLOSTRUM DOSING ON BLOOD IMMUNOGLOBULIN LEVELS IN CALVES*
 - **PANAYOTOVA Galia -** *ORGANIC PRODUCTION OF SUNFLOWER (HELIANTHUS ANNUUS L.) HYBRIDS IN THE REGION OF CENTRAL SOUTH BULGARIA*
 - **AGAPIE Alina Laura, Gabriela GORINOIU, HORABLAGA N. Marinel-** *THE MINERAL FERTILIZATION INFLUENCE ON SOYBEAN QUALITY*
 - **SUBA Dana , SUBA Titus T. , Alina Laura AGAPIE-** *STUDIES ON THE EXPRESION OF GENERAL AND SPECIFIC COMBINATION CAPACITY AT SEVERAL INBRED LINES IN A DIALLEL SYSTEM AND THE MANIFESTATION OF HETEROSIS IN NEW MAIZE HYBRIDS OBTAINED*
 - **OKROS Adalbert, Paul PÎR AN, Casiana MIHUȚ, MIRCOV Vlad Dragoslav, BOJINESCU Florina Nicoleta, IENCIU Ani oara, Maria Manuela CRISTA-** *AGRICULTURAL SYSTEMS PRACTICED IN THE OR I OARA COMMUNE, TIMI COUNTY, ROMANIA*

- **STEIU Corina-** *NEW DISTRIBUTION DATA FOR THE ENDEMIC SPECIES **EPIPACTIS GUEGELII ROBATSCH** (ORCHIDACEAE) IN THE WESTERN SIDE OF ROMANIAN*
- **BUGYI Diána, Attila RÁKÓCZI-** *INVESTIGATION OF THE OPERATION OF THE NATIONAL SYSTEM MODERATING ICE DAMAGE*
- **BAKLI Mahfoud , Amina ZENASNI-** *ISOLATION OF FLUORESCENT PSEUDOMONAS SPP. STRAINS FROM RHIZOSPHERE AGRICULTURAL SOILS AND ASSESSMENT OF THEIR ROLE IN PLANT GROWTH AND PHYTOPATHOGEN BIOCONTROL*
- **BENCZE Gábor-** *EXAMINATION OF YIELD, LEAF AREA AND RELATIVE CHLOROPHYLL CONTENT, IN MONOCULTURE LONG-TERM EXPERIMENT OF MAIZE IN 2016-2018*
- **AMARA Mohamed, Mohamed BOUAZZA-** *THE USE OF EDAPHIC SPECTRA OF THE DOMINANT SPECIES FOR THE CHARACTERIZATION OF THE RHIZOSPHERE SOIL IN THE EXTREME NORTHWEST ALGERIA*
- **DAMIANOV Snejana, GH. SIMERIA, Alexandra POPESCU-** *RATIONALIZATION OF TREATMENT APPLICATION FOR FIGHTING AGAINST APPLE BLOSSOM WEEVILS (ANTHONOMUS POMORUM)*
- **CIOBANU Oana, Hortensia R DULESCU-** *ASPECTS REGARDING THE LEVEL OF HEAVY METALS IN DIFFERENT HONEY VARIETIES*
- **DRAGOMIR Lucian Octavian-** *USING THE 3D MODEL FOR A LOST LIFE OBJECTIVE*
- **DRAGOMIR Lucian Octavian-** *USE OF GPS TECHNOLOGIES FOR THE IMPLEMENTATION OF PLANS FOR INTEGRATION OF PASTORAL EQUIPMENT*
- **KRISTÓ István, Melinda TAR , Péter JAKAB, Katinka JANCSÓ, István Mihály PETRÓCZI-** *IMPACT OF NITROGEN SUPPLY ON RELATIVE DEVELOPMENT OF THREE WINTER WHEAT (TRITICUM AESTIVUM L.) VARIETIES IMPACT OF NITROGEN SUPPLY ON RELATIVE DEVELOPMENT OF THREE WINTER WHEAT (TRITICUM AESTIVUM L.) VARIETIES*

- **KRISTÓ István , Melinda TAR, Katalin Irmes, Péter JAKAB, István Mihály PETRÓCZI-** *EFFECTS OF NITROGEN SUPPLY ON RATE OF WEIGHT OF STRAW AND EAR AND ON THE CHLOROPHYLL CONTENT OF THREE WINTER WHEAT VARIETIES TITLE*
- **SZARVAS Adrienn, Anita CSIBA, Tamás MONOSTORI-** *THE EFFECT OF HEAT CURING ON THE COMPOSITIONS OF SWEET POTATO STORAGE ROOTS*
- **CÂNTAR Ilie-Cosmin , Maria DINC -** *WHAT CAN WE LEARN FROM ALEXANDRU BELDIE HERBARIUM? EUPHORBIA GENUS*
- **GROZEA Ioana , Ana Covilca MUNTEAN-** *WESTERN CONIFER SEED BUG (LEPTOGLOSSUS OCCIDENTALIS) PRESENT IN ORNAMENTAL LANDSCAPES OF THE ROMANIA*
- **GROZEA Ioana, Horatiu HORGOS, Ramona STEF, Alin CARABET, Ana Maria VIRTEIU, Monica BUTNARIU, Levente MOLNAR-** *ASSESSMENT OF POPULATION DENSITY OF INSECT SPECIES CALLED "SPECIES PROBLEM", IN LOTS WITH DIFFERENT MAIZE HYBRIDS*
- **MIHUȚ Casiana, Valeria CIOLAC, A. OKROS, Ani oara DUMA-COPCEA, V.D. MIRCOV, Antonela COZMA, Florina Nicoleta BOJINESCU, Aurelia MIHUȚ -** *FACTORS LIMITING SOIL FERTILITY IN THE MOLDOVA NOUA AREA, CARAS-SEVERIN COUNTY, ROMANIA*
- **DUMA-COPCEA Anișoara, Casiana MIHUȚ, R. ILEA, Corina ȘIRBU, Daniela Nicoleta SCEDEI, Valer POP-** *WHEAT HARVESTING TECHNOLOGY*
- **DAMIANOV Snejana, Laura VIGH-** *RATIONALIZATION OF THE APPLICATION OF TREATMENTS TO COMBAT PLUMS BLACK SAWFLY (HOPLOCAMPA MINUTA)*
- **FERICEAN Liana Mihaela, Mihaela CORNEANU, C. NETOIU, Mihaela IVAN, A. BIRAU, Olga RADA-** *THE FLIGHT BEHAVIOUR OF APHIDS ON THE PRUNUS AVIUM*
- **STOYANOVA Antoniya , Darina STOYANOVA-** *EFFECTIVENESS OF THE EUROPEAN SUBSIDIES FOR SUPPORT OF PROTEIN CROPS IN BULGARIA*

- **NAIDIN Laurențiu-Alin, MULEAC Adrian, POPESCU Cosmin Alin-** *REALIZING A WORK FLOW WITH E-TERRA 3 PROGRAM FOR REGISTRATION OF DATA AT THE CADASTRAL AND IMOBILIAR ADVERTISING OFFICE*
- **MULEAC Laura, TOTH Andrei, MULEAC Adrian-** *THE IMPACT OF ANTHROPIC ACTIVITIES ON BEGA RIVER*
- **DAVID Gh., LENESCHI F.,Saida DAVID, BORCEAN A.,NIȚ Simona-** *BROAD BEAN - VICIA FABA L. A FORGOTTEN CROP MAKING A COMEBACK*
- **PANAITESCU Liliana, Simona NIȚ , Marius Laurențiu LUNGU, Lucian Dumitru NIȚ , Iulius SHENK-** *CONTRIBUTIONS TO THE IMPLEMENTATION OF SUSTAINABLE TECHNOLOGIES FOR THE CULTIVATION OF THYME (THYMUS VULGARIS L.) IN THE DOBRODGEA PLATEAU*
- **CIONTU C.I., Maria DINC , I. CHIS LI -** *PLANTS CONSERVED IN "ALEXANDRU BELDIE" HERBARIUM – EPILOBIUM GENUS*
- **CIONTU C.I., Maria DINC , I. CHIS LI -** *THE FAUNA FROM HUNEDOARA COUNTY - AN EVALUATION*
- **DICU D., D. TARAU, GH. ROGOBETE, R. BERTICI, ANISOARA IENCIU, O. FOTA-** *SOIL FUND STRUCTURE AND SOIL QUALITY IN THE MIDDLE AND LOWER COURSE OF THE RIVER TIMI , ROMANIA*
- **DICU D., D. Ț R U, V.V. V T MANU, Lica TUTI, E.G. BRIHAC-** *PEDOCLIMATIC FACTORS THAT INFLUENCING THE PRODUCTIVITY OF LANDS FROM BOIANU PLAIN*
- **RAIN PETRU, CRISTIAN BOSTAN, COP CEAN LOREDANA,. HOANCEA LIA, COJOCARIU LUMINI A -** *MANAGEMENT OF GRASSLANDS FOR THE CONSERVATION OF THE BIRD SPECIES LANIUS MINOR AND FALCO VESPERTINUS IN ACCORDANCE WITH THE COMMON AGRICULTURAL POLICY, IN ROMANIA*
- **HOANCEA LIA, COP CEAN LOREDANA, RAIN PETRU, COJOCARIU LUMINI A -** *QUANTIFICATION OF HIGH NATURAL VALUE GRASSLANDS IN THE ROMANIAN BANAT, A NORMATIVE AND PRACTICAL TOOL FOR BIODIVERSITY PROTECTION*

- **RAMONA TEF, C R BEȚ ALIN, VIRTEIU ANA MARIA, BUTNARIUA MONICA, GROZEA IOANA, ANI OARA IENCIU - CHEMICAL CONTROL OF DICOTYLEDONUS WEED SPECIES FROM WHEAT AGROECOSYSTEMS**
- **RAMONA TEF, MANEA DAN, GHEORGHESCU BOGDAN, GROZEA IOANA, C R BEȚ ALIN - ASCLEPIAS SYRIACA L. A NEW SEGETAL WEED SPECIES?**
- **C R BEȚ ALIN, RAMONA TEF, IOANA GROZEA, MARIA IAMANDEI, RAUL CHIFAN - RAMULARIA COLLO-CYGNI, A CHALLENGE**