



The National University of Science and Technology
POLITEHNICA Bucharest
Pitești University Centre



ASOCIAȚIA ROMÂNĂ DE
PTERIDOLOGIE



International Symposium
Current Trends in Natural Sciences
Program

May 16-18, 2024

International partners:

Mansoura University,
Egypt



Atatürk University,
Erzurum, Turkey



Zaporizhzhia National University,
Zaporizhzhia, Ukraine



<http://natsci.upit.ro/international-symposium/>



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(alphabetical order)

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Monica POPESCU – The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

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Zeki GÖKALP - Erciyes University, Kayseri, Turkey

Monica NEBLEA – The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

Gheorghe Cristian POPESCU – The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

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Yasser SHABANA - Mansoura University, Egypt

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Telat YANIK – Agri Ibrahim Cecen University, Turkey

Alina Mihaela TRUȚĂ - The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

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(alphabetical order)

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- Zeki GÖKALP - Erciyes University, Kayseri, Turkey
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Turkey
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Technologies, Jelgava, Latvia
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Centre, Romania
Florentina Carmen POPESCU - National Research and Development
Institute for Biotechnology in Horticulture Stefanesti Arges,
Romania, Romania
-

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Monica POPESCU - The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

Nicoleta RABAN – MOTOUNU - The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

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Yasser SHABANA - Mansoura University, Egypt

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Alina Mihaela TRUTA - The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

Robert ULEWICZ – Czestochowa University of Technology, Czestochowa, Poland

Aydin UZUN - Erciyes University, Turkey

Mehmet YAMAN - Erciyes University, Turkey

**In-Person Session
Ramada Hotel Pitesti – Opal Conference Room**

Thursday, 16 May 2024

09.00 - 10.00: Registration & Welcome Coffee

10.00 - 10.15: Opening Speeches

10.15 - 12.00: Paper Presentations

Chairpersons:

Prof. Aydın UZUN, PhD, Erciyes University, Turkey

Assoc. Prof. Gheorghe Cristian POPESCU, PhD, The National
University of Science and Technology POLITEHNICA
Bucharest, Pitești University Centre, Romania

1. THE EUROPEAN GREEN DEAL IMPLEMENTED FOR
ROMANIA BY THE NATURA 2000 NETWORK
Simona MIHĂILESCU, Luiza-Silvia MIHAI, Marilena ONETE

2. INFLUENCE OF DOLOMITE AND NP DOSAGE ON SOME
MORPHOLOGICAL CHARACTERS OF WHEAT
Nicolae IONESCU, Diana Maria POPESCU, Oana Daniela BADEA

3. NATURAL RESOURCE MANAGEMENT INVOLVING
TECHNOLOGICAL APPROACH (ARTIFICIAL
INTELLIGENCE) TO SEQUESTER CARBON, LIMIT
GLOBAL WARMING TO WELL BELOW 2°C AND
ACHIEVING LAND DEGRADATION NEUTRALITY IN
MOLDOVA

Leonid POPOV, Tatiana DAVID, Elena HRISTEV,
Cora GHEORGHE

4. INTERCONNECTIONS AMONG PLANTS, SOIL
INVERTEBRATES, ENVIRONMENTAL VARIABLES AND
MANAGEMENT IN GRASSLANDS FROM S-W FĂGĂRAȘ
MASSIF (ROMANIAN CARPATHIANS)

Marilena ONETE, Roxana-Georgiana NICOARĂ,
Luiza-Silvia MIHAI (CHIRIAC), Dumitru T. MURARIU,
Minodora MANU

5. INVESTIGATION OF THE DEGREE OF RELATEDNESS OF
HEMP (*CANNABIS SATIVA* L.) GENOTYPES IN TERMS OF
SOME MORPHOLOGICAL CHARACTERS

Hasan Alp ŞAHİN, Selim AYTAÇ, Şahane Funda ARSLANOĞLU

6. POMOLOGICAL PARAMETERS OF RED FLESHED APPLE
(*M. niedzwetzkyana* Dieck.) IN CENTRAL ANATOLIA

Bella KINANTI, Aydın UZUN, Hasan PINAR

7. FRUIT AND TREE CHARACTERISTICS OF WILD PEAR
(*Pyrus elaeagnifolia* Pall.) COLLECTED FROM ISPARTA
PROVINCE

Aydın UZUN, Selcan KIYAK, Hasan PINAR

8. PROTEIN PROFILE OF MAIZE (*ZEA MAYS* L.) UPON
APPLICATION OF NATIVE *BACILLUS* SPECIES

Dilek Niyan GÖKÇEK, Semih YILMAZ, Büşra GÜN

9. CHALLENGES AND OPPORTUNITIES FOR
AGRICULTURAL SYSTEMS AND RURAL AREAS IN THE
CURRENT CONTEXT OF EUROPEAN POLICIES

Gheorghe Cristian POPESCU

12.00 - 13.00: Lunch break

13.00 – 15.00: Paper presentations

Chairpersons:

Assoc. Prof. Nicoleta RĂBAN-MOTOUNU, PhD, The National
University of Science and Technology POLITEHNICA
Bucharest, Pitești University Centre, Romania

Prof. Semih YILMAZ, PhD, Erciyes University, Turkey

**10. ADMIRATION, WELL-BEING, AND INTERPERSONAL
BEHAVIOR**

Nicoleta RĂBAN-MOTOUNU

**11. THE EFFECT OF MASSAGE THERAPY ON THE SLEEP
QUALITY IN HEALTHY ADULTS**

Stela IVANOVA

**12. RESEARCH ON FRUITING POTENTIAL OF THREE
PLEUROTUS SPP. STRAINS**

Ionuț-Cristian RUSU, Alexandru Valentin ZĂGREAN,
Florentina ISRAEL-ROMING

**13. NATURE-BASED SOLUTIONS – A METHOD TO
MITIGATE CLIMATE CHANGE**

Luiza – Silvia MIHAI, Dumitru T. MURARIU

**14. PERFECTIONISM, PSYCHOLOGICAL WELLBEING AND
ACADEMIC PERFORMANCE IN UNIVERSITY STUDENTS**

Andreea STAN, Maria Claudia IONESCU

**15. A PRELIMINARY STUDY ON THE ASSOCIATION
BETWEEN ABO BLOOD TYPE AND TEMPERAMENTAL
TRAITS**

Sanda Alina BĂLAN

**16. INFECTIONS CAUSED BY PARASITES AND VIRUSES
DETECTED IN NON-NATIVE FISH SPECIES IN THE
LEVANTINE SEA: A REVIEW)**

Deniz INNAL, Mahmut KAÇMAZ, Hasbi Sait SALTİK,
Kamil ATLI

**17. OVERCOMING CHALLENGES IN ANCIENT DNA
RESEARCH**

Fatma Nur ERBİL, Mesut Can KAYA

**18. LUTEOLIN ENHANCES ANTICANCER EFFECTS OF PX-
478 DURING HYPOXIC RESPONSE IN METASTATIC
BREAST CANCER CELLS**

Muzaffer DUKEL, Fatema ZARZOUR

**19. MOLECULAR MARKER BASED COMPARISON OF
DROUGHT TOLERANT AND SENSITIVE TURKISH
SUNFLOWER (*HELIANTHUS ANNUUS* L.) CULTIVARS**

Rabia Vildan ŞAHİN, Júlia HALASZ

**20. *BACILLUS THURINGIENSIS* STRAINS AS PLANT GROWTH
PROMOTORS AND BIOFUNGICIDES**

Semih YILMAZ, Khalid MAMOORI, Sümeyye TEMİZGÜL,
Abeer BABIKER

**21. BIOSTIMULANTS WITH AMINOACIDS USED FOR
IMPROVING SEED GERMINATION AND SEED VIGOR
INDEX IN EGGPLANT**

Delia – Cristina DASCĂLU (CONSTANTIN),
Neculai MUNTEANU, Ion SCURTU, Mihaela – Alina BUZATU

15.00 - 15.30: Coffee break

15.30 – 17.00: E-poster presentations

Chairpersons:

Assoc. Prof. Nicoleta Anca ȘUȚAN, PhD, The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

Lecturer Daniela BĂRBUCEANU, PhD, The National University of Science and Technology POLITEHNICA Bucharest, Pitești University Centre, Romania

22. HOW CAN NANOMATERIALS AND NANOTECHNOLOGY ADVANCEMENTS CAN FIND APPLICATIONS IN OUR VERYDAY LIFE

Roxana Ioana MATEI (BRAZDIS), Anda Maria BAROI, Toma FISTOS, Lia Mara DITU, Irina FIERASCU, Cristian-Andi NICOLAE, Monica Florentina RADULY, Maria GRAPIN, Valentin RADITOIU, Radu Claudiu FIERASCU

23. NANOTECHNOLOGICAL APPROACH FOR THE PROTECTION OF CULTURAL HERITAGE

Toma FISTOS, Alina MELINESCU, Lia Mara DITU, Anton FICAI, Denisa FICAI, Florica MARINESCU, Roxana Ioana MATEI (BRAZDIS), Irina FIERASCU, Anda Maria BAROI, Cristian-Andi NICOLAE, Radu Claudiu FIERASCU

24. COLORIMETRIC DETECTION OF *Staphylococcus aureus* USING METALLIC NANOPARTICLES

George BUICĂ, Camelia UNGUREANU, Anda Maria BAROI, Ioana Silvia HOSU, Irina FIERASCU, Radu Claudiu FIERASCU

**25. EVALUATION OF SOME FUNCTIONAL PARAMETERS
AS DIAGNOSIS AND PROGNOSIS IN SARS-COV 2
INFECTION**

Georgiana DRAGNEA, Monica POPESCU,
Cristina Maria PONEPAL, George Mihai MAN,
Sorina HONTARU, Monica TANTU, Georgeta BRINZEA,
Alina PAUNESCU

**26. IMPACT OF RELATED TO HALLUX VALGUS PAIN
SENSATION ON THE QUALITY OF LIFE**

Stela IVANOVA, Tatyana TOMOVA, Borislav CHONGOV,
Gergana TASKOVA

27. WEED CONTROL IN TOMATO CROPS IN THE FIELD
Ana-Emilia CENUȘĂ, Marcel COSTACHE, Simona HOGEA

**28. ASSESSING BEETLE DIVERSITY IN STEPPE
ECOSYSTEMS OF THE REPUBLIC OF MOLDOVA**

Sorina ISTRATI, Anna MOLDOVAN,
Natalia MUNTEANU-MOLOTIEVSKYI

**29. QUALITY OF GOJI BERRY FRUIT GROWN IN
MARACINENI**

Oana HERA, Monica STURZEANU

**30. THE BEHAVIOR OF SOME CORN HYBRIDS IN THE
CONDITIONS OF ALBIC LUVOSOL FROM SCDA PITEȘTI-
ALBOTA IN 2023**

Mariana Cristina NICOLAE, Diana Maria POPESCU,
Cristina GHIORGHE, Georgeta TRĂȘCĂ

31. EFFECT OF NEW CaCO_3 FORMULATION ON CORN COBS

Diana Maria POPESCU, Oana Daniela BADEA,
Cristina Mariana NICOLAE, Nicolae IONESCU

32. RESULTS REGARDING THE INFLUENCE OF THE FUNGUS *DIDYMELLA PINODES* (Berk&Blox) ON SOME MORPHOLOGICAL CHARACTERS AND QUALITY INDICES OF 2 VARIETIES OF PEAS IN THE YEAR 2023

Maria-Magdalena PODEA, Ilie Cătălin DINUȚĂ,
Robert Marian GHEORGHE, Stelica CRISTEA

33. THE DEGREE OF ATTACK PRODUCED BY *BRUCHUS PISORUM* L. IN AVATAR AND ALVESTA CULTIVARS
Cristina GHIORGHE, Marian Robert GHEORGHE, Ion MITREA

34. THE INFLUENCE OF THE CLASSIC AND CONSERVATIVE TILLAGE SYSTEM ON THE ECONOMIC EFFICIENCY OF THE PEA CROP IN 2023

Ilie Cătălin DINUȚĂ, Maria Magdalena PODEA,
Doru Ioan MARIN

35. STUDY ON THE PRODUCTION COMPONENTS AND THE YIELD OF SOME VARIETIES AND LINES OF WHEAT

Marian-Robert GHEORGHE, Cristina GHIORGHE,
Georgeta TRĂȘCĂ

36. THE INFLUENCE OF SALINITY LEVEL ON THE THERMOGRAVIMETRIC RESPONSE OF BLACK BEAUTY ZUCCHINI

Daniela GIOSANU, Gabriel GHIȚĂ, Mihaela Ileana OPREA

17.00 - 18.00:

- Questions & Answers
- Discussions & Future cooperations
- Conclusions
- Certificates

Online Session

SKYPE Web Meeting: <https://join.skype.com/GbpWFu6Jc1x3>

Thursday, 16 May 2024

10.00 - 10.15: Opening Speech

10.15 – 12.00: Paper Presentations

Chairpersons:

Assoc. Prof. Olena BOIKA, PhD, Zaporizhzhia National University,
Ukraine

Lecturer Monica NEBLEA, PhD, The National University of Science
and Technology POLITEHNICA Bucharest, Pitești University
Centre, Romania

1. SOME IMPROVEMENTS IN AQUACULTURE

Brindha SHANKARAN, Telat YANIK

**2. *CALENDULA OFFICINALIS* PERSPECTIVE PLANT FOR
THE BIOPROTECTION**

Olena BOIKA

**3. ASSESSMENT OF CLIMATE CHANGE IMPACT ON
RUNOFF USING MARKSIM GCM IN TOKAT REGION**

Saniye DEMIR

**4. COMPARATIVE ANALYSIS OF CIRCULAR ECONOMY
INDICATORS ACROSS EUROPEAN COUNTRIES**

Andreea GIUCA, Steliana RODINO

**5. PROPAGATION PERFORMANCES OF GRAPEVINE WITH
CUTTINGS IN DIFFERENT ROOTING MEDIA**

Aydın UZUN, Hasan Talha UNSAL, Hasan PINAR

**6. COMPETITIVENESS LEVEL EVALUATION INSTRUMENT
FOR NEW PRODUCTS**

Roxana Maria DRUTA, Radu Adrian MUNTENAU,
Elena-Simina LAKATOS

**7. FORAGE NUTRITIVE QUALITY AND SOME VITAMIN
CONTENTS OF *DORYCNIUM GRAECUM* (L.) SER. AND
DORYCNIUM PENTAPHYLLUM SCOP.**

Ertan ATEŞ, Hazım Serkan TENİKECİER

**8. CONTRIBUTION TO THE PHYTOCHEMICAL STUDY OF
STEPPE A “Remth” *HAMMADA SCOPARIA* (POMEL) IN THE
NAAMA REGION**

Hafidha BOUCHERIT, Abdelkrim BENARADJ

**9. EFFECT OF PROTECTION BY FENCING ON THE
DIVERSITY OF THE STEPPE AT *STIPA TENACISSIMA* IN
THE NAÂMA REGION (ALGERIA)**

Abdelkrim BENARADJ, Hafidha BOUCHERIT, Djamel ANTEUR,
Ali MIHI, Moussa HOUHAMDI

**10. DNA BARCODING OF SOME LICHENIZED AND
LICHENICOLOUS FUNGI FROM GALINDEZ ISLAND
(ANTARCTIC PENINSULA, ANTARCTICA)**

Merve YİĞİT, Mehmet Gökhan HALICI

12.00 - 13.00: Lunch break

13.00 – 15.00: Paper presentations

Chairpersons:

Prof. Mehmet YAMAN, PhD, Erciyes University, Turkey

Assoc. Prof. Monica POPESCU, PhD, The National University of
Science and Technology POLITEHNICA Bucharest, Pitești
University Centre, Romania

**11. IN VITRO REGENERATION EFFICIENCY OF SOME
TURKISH PEPPER GENOTYPES**

Hasan PINAR, Aydin UZUN

**12. DETERMINATION OF THE EFFECT OF DIFFERENT
STERILIZATION PROTOCOLS FOR IN VITRO SHOOT TIP
CULTURE IN SOME WILD PEAR (*P. ELAEAGRIFOLIA*)
GENOTYPES**

Hasan PINAR, Aydin UZUN

**13. EFFECT OF SOWING TIME ON HERBAGE YIELD AND
HERBAGE QUALITY IN ELEPHANT GRASS VARIETIES**

Resat ORHAN, Mahmut KAPLAN

**14. INVESTIGATION OF SALINITY TOLERANCES OF SOME
ANNUAL GRASS TYPES IN VIVO**

Mahmut KAPLAN, Hasan PINAR

**15. COMPARISON OF PHENOLIC AND ANTIOXIDANT
SUBSTANCE CONTENT OF SOME KIDNEY BEAN
GENOTYPES**

Beyza CIFTCI, Mahmut KAPLAN

16. BIOLOGICAL ACTIVITIES OF ANTIMICROBIAL
BIOSURFACTANTS PRODUCED BY *BACILLUS* STRAINS

Sümeyye TEMİZGÜL, Abeer BABIKER, Khalid MAMOORI,
Emel ÜNLÜ, Semih YILMAZ

17. SOMATIC EMBRYOGENESIS IN SAINFOIN (*Onobrychis
viciifolia Scop.*)

Gülseren BOZATOĞRUL, Onur OKUMUŞ, Satı UZUN

18. DETERMINATION OF GRAIN YIELD AND YIELD
COMPONENTS OF SOME MAIZE (*ZEAMAYS L.*)
CULTIVARS UNDER KAYSERİ CONDITIONS

Onur OKUMUŞ, Oğuz EROL, Salih AKSU, Hamdi ÖZAKTAN,
Satı UZUN

19. EVALUATION OF THE USABILITY OF ANCESTRAL
HULLED WHEAT *T. BOEOTICUM* BOISS IN COPING WITH
GLOBAL CLIMATE CHANGE BASED ON CELLULAR
ANTIOXIDANT RESPONSES

Ridvan TEMİZGÜL, Sumeyye TEMİZGÜL

20. PHYSICO-MECHANICAL, PETROGRAPHIC AND VISUAL
PROPERTIES OF GEOMATERIALS USED IN THE
CONSTRUCTION OF ELBİSTAN KAYNARCA
BIOLOGICAL POND (KAHRAMANMARAŞ/TURKEY)
RECREATION AREA

Lale KURT, Tamer RIZAOĞLU

21. DETERMINATION OF STOMATAL MORPHOLOGY IN
SOME *CITRUS* SPP. SPECIES

Yazgan TUNÇ, Mehmet YAMAN, Rabia FİDAN,
Kadir Uğurtan YILMAZ

**22. SOME CONSIDERATIONS REGARDING THE ROLE OF
NATURAL EXTRACTS AS ALLEVIATORS OF ABIOTIC
STRESS IN PLANTS**

Monica POPESCU

15.00 - 15.30: Coffee break

15.30 – 17.00: E-poster presentations

Chairpersons:

Lecturer Codruța Mihaela DOBRESU, PhD, The National
University of Science and Technology POLITEHNICA
Bucharest, Pitești University Centre, Romania

Lecturer Oana Alexandra LUȚU, PhD, The National University of
Science and Technology POLITEHNICA Bucharest, Pitești
University Centre, Romania

**23. SURFACE WATER POLLUTION, FROM MINING
INDUSTRY, IN SASHTINSKA SREDNA GORA AND
CENTRAL STARA PLANINA: A REVIEW**

Mariya VLADIMIROVA, Ivan TRAYKOV

**24. POLYCYCLIC AROMATIC HYDROCARBONS IN
OILSEEDS, OILS AND DERIVED PROCESSED PRODUCTS
– A REVIEW**

**Alina Cristina ADASCĂLULUI, Adriana Laura MIHAI,
Mioara NEGOIȚĂ, Laurențiu Mihai PALADE**

**25. AN OVERVIEW ON LEGUMES AS NUTRITIVE SOURCE
FOR HUMAN NUTRITION**

Beatrice POTERAȘ, Alina CULETU, Fulvia MANOLACHE

26. SINGLE AND COMBINED TOXICOLOGICAL EFFECTS OF VALPROIC ACID AND MEROPENEM TREATMENTS ON ZEBRAFISH BEHAVIOR

Ionuț-Alexandru CHELARU, Dorel URECHE,
Alin Stelian CIOBÎCĂ, Mircea Nicușor NICOARĂ

27. BIOMASS GASIFICATION FOR HYDROGEN PRODUCTION, AN OVERVIEW OF THE PROCESS USING VARIOUS RAW MATERIALS

Gili SAROS, Roxana IONETE, Oana BOTORAN,
Felicia BUCURA, Anca ZAHARIOIU,
Marius CONSTANTINESCU, Antoaneta ROMAN, Florian MARIN

28. RESULTS REGARDING THE SEASONAL MONITORING OF *EPICOMENTIS HIRTA* PODA. (COLEOPTERA: SCARABAEIDAE) IN AN ARONIA PLANTATION FROM NORTH-EASTERN AREA OF ROMANIA

Iuliana Elena GOLACHE, Iulia MINEAȚĂ, Ionel PERJU,
Ionuț Vasile UNGUREANU, Mihai ISTRATE, Mihai TĂLMACIU

29. IDENTIFICATION AND MONITORING OF *CYDALIMA PERSPECTALIS* (WALKER, 1859) IN THE PRODUCTION FIELDS OF AN ORNAMENTAL NURSERY FROM THE IASI AREA

Iuliana Elena GOLACHE, Ionuț Vasile UNGUREANU,
Ionel PERJU, Iulia MINEAȚĂ, Monica HEREA,
Mihai TĂLMACIU

30. THE PROCESS OF PHOTOSYNTHESIS AND THE LIGHT REGIME OF SOME SWEET CHERRY CULTIVARS FROM THE NORTH-EAST OF ROMANIA

Iulia MINEAȚĂ, Ionuț Vasile UNGUREANU, Sorina SÎRBU,
Iuliana Elena GOLACHE, Ionel PERJU, Mihai ISTRATE,
Carmen Doina JITĂREANU

31. *CALENDULA OFFICINALIS* – OVERVIEW ON APPLICATIONS AND PHARMACEUTICAL USES
Lucia-Florina POPOVICI, Simona OANCEA
32. QUANTITATIVE DATA REGARDING INVASIVE PLANT SPECIES FROM HABITATS OF EUROPEAN INTEREST IN THE PESCEANA RIVER BASIN, VÂLCEA COUNTY
Daniela Mihaela MĂCEȘEANU, Marius FĂGĂRAȘ
33. ECO-FRIENDLY AND BIOLOGICAL MEANS TO REDUCE PHYTOPATOGENIC AND COLIFORM CONTAMINANTS ON STRAWBERRIES
Sorina DINU, Viorel FĂTU,
Lavinia-Diana-Nicoleta BUTURUGĂ-BARBU,
Oana-Alina BOIU-SICUIA
34. ENTRAPMENT OF PHYTOCOMPOUNDS FROM *ARMORACIA RUSTICANA* LEAVES INTO LIPID VESICLES AS A STRATEGY TO ENHANCE THEIR DELIVERY
Ramona-Daniela PĂVĂLOIU, Fawzia SHA'AT,
Corina BUBUEANU, Georgeta NEAGU, Adrian ALBULESCU
35. ASSESSMENT OF THE POPULATION DENSITY OF *GALBA TRUNCATULA* (MÜLLER, 1774) IN HABITATS OF TELEORMAN COUNTY, ROMANIA
Poliana TUDOR, Dana TĂPĂLOAGĂ
36. STUDY ON ALPHA AND BETA GLOBAL RADIOACTIVITY OF SAMPLES OF BOTTLED MINERAL WATERS IN ROMANIA
Cecilia Ionela TĂBAN, Alexandra Mihaela MOȘTEANU,
Simona OANCEA
37. GERMINATION OF SUNFLOWER SEEDS UNDER THE INFLUENCE OF CHEMICALS
Olena BOIKA, Kostyantyn BOIKIJ
-

**38. PECULIARITIES OF LEAF PUBESCENCE OF WILD
SUNFLOWER SPECIES**

Olena DUBOVA, Olena BOIKA

**39. RESEARCH ON CARABID SPECIES IN SOME WHEAT
CROPS, DEPENDING ON THE APPLIED TECHNOLOGY**

Renate Aurelia SIPOS (REINGRUBER), Mihai TĂLMACIU,
Monica HEREA, Liliana MANOLE, Ionela MOCANU,
Nela TĂLMACIU

**40. RESEARCH ON THE SPECIES OF CARABIDS EXISTING
IN SUNFLOWER CULTURE, DEPENDING ON THE
APPLIED TECHNOLOGY**

Renate Aurelia SIPOS (REINGRUBER), Mihai TĂLMACIU,
Monica HEREA, Liliana MANOLE, Nela TĂLMACIU

**41. CONSERVATION CONSIDERATIONS REGARDING
FOREST HABITATS OF THE NATURA 2000 SITE
PRIGORIA-BENGEȘTI**

Roxana NICOARĂ, Florian BODESCU, Minodora MANU,
Marilena ONETE

**42. OBSERVATIONS ON THE INVERTEBRATE FAUNA FROM
SOME LAVENDER (*LAVANDULA SP.*) CROPS IN 2023**

Stela-Daniela ENACHE (TROIA), Nela TĂLMACIU,
Monica HEREA, Ionela MOCANU, Mihai TĂLMACIU

**43. RESEARCH ON THE INVERTEBRATE FAUNA OF SOME
GOJI (*LYCIUM BARBARUM*) PLANTATIONS IN THE 2023
AND THE CALCULATION OF THE ALPHA
BIODIVERSITY INDICES**

Stela-Daniela ENACHE (TROIA), Nela TĂLMACIU,
Monica HEREA, Ionela MOCANU, Mihai TĂLMACIU

44. PSYCHOLOGICAL TRAITS AND RISK FACTORS IN
PEOPLE DIAGNOSED WITH CANCER
Cosmin RĂDULESCU, Ileana-Loredana VITALIA
45. LONELINESS, ATTACHMENT, AND SUBJECTIVE WELL-
BEING IN PERSONS WITH ALZHEIMER'S DEMENTIA
Hermina-Georgiana PETRESCU-VIȘOREANU,
Nicoleta RĂBAN-MOTOUNU
46. DEPRESSION, ANXIETY AN ONLINE COMMUNICATION
Maria Elena FERARU, Nicoleta RĂBAN-MOTOUNU
47. PROSOCIALNESS AND SOLITUDE
Ileana-Loredana VITALIA
48. THE IMPACT OF UAV TECHNOLOGY IN
AGRICULTURAL MONITORING
Madalina-Cristina MARIAN, Monica Angela NEBLEA,
Florin OPROIU
49. THE IMPORTANCE OF BIOLOGICAL CONTROL IN THE
PROTECTION OF VEGETABLE CROPS
Cristina MIHAESCU, Alin DIN, Alina PAUNESCU,
Cristina PONEPAL
50. CURRENT CONCERNS IN SILVER NANOPARTICLES
TOXICITY TESTING
Elena Simona PISCULUNGEANU, Oana-Alexandra LUȚU,
Liliana Cristina SOARE, Nicoleta Anca ȘUȚAN
51. CYTOTOXIC EFFECTS OF *RANUNCULACEAE* EXTRACTS
AND THEIR NANOSTRUCTURED MIXTURES
Denisa Ștefania VÎLCOCI, Ștefania MITROIU, Codruț MIHAI,
Diana Ionela STEGĂRUȘ, Nicoleta Anca ȘUȚAN,
Georgiana CÎRSTEA

52. RESULTS ON THE VARIABILITY AND
CHARACTERIZATION OF THE FLOWERING PERIOD AT
THE WALNUT GENOTYPES FROM THE RIFG PITEȘTI
COLLECTION

Aurelian Valentin UNTARU, Mihai BOTU,
Roxana Ionela ȘTEFAN (UNTARU)

53. RESULTS REGARDING THE BEHAVIOR OF SOME APPLE
CULTIVARS TO DISEASES AND PESTS IN SUSTAINABLE
CULTURE

Roxana Ionela ȘTEFAN (UNTARU), Mihai BOTU,
Aurelian Valentin UNTARU

54. *CHLORELLA* PAST, PRESENT, FUTURE

Ionuț Alin BUNGĂU, Liliana Cristina SOARE,
Codruța-Mihaela DOBRESCU, Oana-Alexandra LUȚU

55. IS GLOBAL WARMING OUR CONCERN OR NOT?

Ovidiu Daniel NEAGOE, Oana-Alexandra LUȚU,
Codruța-Mihaela DOBRESCU, Liliana Cristina SOARE

56. *CIMEX LECTULARIUS* (INSECTA: HEMIPTERA), NEW
REPORT IN PITEȘTI (ROMANIA)

Daniela BĂRBUCEANU

57. THE HEALTH STATUS OF *PHOXINUS PHOXINUS* IN THE
FURU RIVER

Ionuț Dănuț COSTACHE, Mircea Nicușor NICOARĂ,
Dorel URECHE

17.00 - 18.00:

- Questions & Answers
- Discussions & Future cooperations
- Conclusions
- Certificates

