

PROGRAM-INVITTATION

INTERNATIONAL SCIENTIFIC SYMPOSIUM

“CONSERVATION OF PLANT DIVERSITY”

3rd edition

22 - 24 May 2014

Chisinau, Republic of Moldova

Dear _____

We are honored to invite you to the International Scientific Symposium "*Conservation of Plant Diversity*", which will take place from 22 to 24 May 2014, inside of the Central Scientific Library "A.Lupan" of the Academy of Sciences of Moldova, Chişinău, 5A Academy Street.

Organized by:

- Botanical Garden (Institute) of ASM;
- University of the Academy of Sciences of Moldova.

In collaboration with:

- Ministry of Environment of the Republic of Moldova;
- Agency "Moldsilva";
- The Regional Environmental Centre;
- Store network "Casa Curata".

Under the patronage:

- Academy of Sciences of Moldova;
- Department of Natural and Exact Sciences of the ASM.

The international scientific symposium will take place at the Central Scientific Library "A.Lupan" of the ASM. Chişinău, str. Academiei, 5A. (23.05.2014) and the Reserve "Codrii" and Botanical Garden (Institute) of the ASM (24.05.2014).

Regulations:

- plenary session communication - 20 min.
- section communication - 10 min.
- Discussions - 5 min.

PROGRAM COMMITTEE:

- Acad. Gheorghe DUCA, president of the Academy of Sciences of Moldova;
- Dr. Alexandru TELEUȚĂ, director of the Botanical Garden (Institute) of ASM;
- Acad. Aurelian GULEA, acad. coord. of the Department of Natural and Exact Sciences of the ASM;
- Prof. Angheluța VĂDINEANU, University of Bucharest, Romania;
- Gheorghe ȘALARU, Minister of Environment;
- Stefan CHITOROAGĂ, General Manager of Agency “Moldsilva”
- Acad. Maria DUCA, University of the Academy of Sciences of Moldova
- Dr. hab. Natalia ZAIMENKO, director of the National Botanical Garden “N.Griško”, Kiev, Ucraina;
- Acad. Alexandru CIUBOTARU, Botanical Garden (Institute) of ASM;
- Correspondent member Vasile ȘALARU, Biology and Pedology faculty of the Moldova State University.

ORGANIZING COMMITTEE:

- Alexandru TELEUȚĂ, dr., director of the Botanical Garden (Institute) of ASM;
- Maricica COLȚUN, dr., vice-director on scientific problems of the Botanical Garden (Institute) of ASM;
- Eugeniu ALEXANDROV, dr., scientific secretary of the Botanical Garden (Institute) of ASM;
- Aliona GLIJIN, dr., prof. ass., University of the Academy of Sciences of Moldova;
- Vasile BUCĂȚEL, dr., head of Dendrology Laboratory;
- Gheorghe POSTOLACHE, dr. hab., head of Geobotanic and forestry Laboratory;
- Lilia CHISNICEAN, dr., head of Vegetal resources Laboratory;
- Valentina ȚÎMBALÎ, dr., head of Tropical plants Laboratory;
- Nina CIORCHINA, dr., head of Embryology and biotechnology Laboratory;
- Tatiana SÎRBU, dr., head of Floriculture Laboratory;
- Valentina CANTEMIR, dr., head of Spontaneous flora and herbarium Laboratory;
- Vitalie GOGU, Scientific reserve “Codrii”;
- Victor COTRUȚĂ, The Regional Environmental Centre;
- Vugar NAVRUZOV, Azmol Company.

22 MAY 2014

Arrival and accommodation of the participants

23 MAY 2014

8.30 – 9.00 - registration of the participants

9.00 – 10.00 - welcome speech

- Academy of Sciences of Moldova, acad. Gheorghe DUCA;
- Ministry of Environment, Gheorghe ȘALARU;
- Agency “Moldsilva”, Stefan CHITOROAGĂ;
- University of Bucharest, Romania, prof. Angheluța VĂDINEANU;
- Delegates.

10.00 – 11.30 - **Plenary session**

1. *Teleuță A.* BIOLOGICAL DIVERSITY CONSERVATION NATIONAL STRATEGY AND ACTION PLAN.
2. *Angheluta Vadineanu* CONCEPTUAL AND OPERATIONAL FRAMEWORKS FOR RESEARCH AND SUSTAINABLE MANAGEMENT OF NESTED SOCIO-ECOLOGICAL SYSTEMS ACROSS SPACE.
3. *Zaimenko Natalia, Slyusarenko O.* SINECOLOGICAL PRINCIPLES FOR CHEMICAL SOIL REMEDIATION FOR URBOGENESIS CONDITIONS
4. *Palancean A.* RESISTANCE OF WOODY PLANTS TO AIR POLLUTION.
5. *Manic S.* TAXONOMIC, CENOLOGICAL AND ECOLOGICAL DIVERSITY OF THE MACROMICETS IN THE REPUBLIC OF MOLDOVA

Discussions.

11.30 – 12.00 - **Coffee break**

Section nr. I. Taxonomy. Conservation of the plant kingdom.

(Central Scientific Library "A.Lupan" of the Academy of Sciences of Moldova. Conference room, second floor)

12.00 – 13.30 Section programme:

Moderators:

- *prof. Angheluța Vădineanu*, University of Bucharest, Romania
- *dr. Veaceslav Ghendov*, Botanical Garden (Institute) of the ASM

1. *Cantemir Valentina* STUDIES ON THE FLORA OF BESSARABIA.
2. *Begu Adam*. LICHENS STUDIES IN THE REPUBLIC OF MOLDOVA AND ITS ECOBIOINDICATION FEATURES
3. *Sturza N., Gogu V.* LOW SYNANTHROPE FLORA INSTALLED IN PROSECUTORS OFFICES WITHIN THE NATURAL RESERVE "CODRII".
4. *Duca Maria, Budeanu O., Mutu Ana, Martea Rodica, Clapco Stela* THE USE OF MOLECULAR MARKERS IN THE ANALYSIS OF INTRASPECIFIC GENETIC POLYMORPHISM OF SOME MEDICINAL PLANTS OF THE SPONTANEOUS FLORA.
5. *Alexandrov E.* UVOLGIC AND BIOCHEMICAL FEATURES OF THE DISTANT HYBRIDS OF VINE (*V.vinifera* L. x *M.rotundifolia* Michx.).
6. *Codreanu V.* DETERMINATION OF DROUGHT RESISTANCE OF GRAPEVINE ON THE BASE OF MORPHOBIOLOGICAL CHARACTERS OF LEAF BLADE.

Discussions.

13.30 – 14.30 - Coffee break

14.30 – 15.30 - Examination of the posters.

15.30 – 17.00. Section Programme:

Moderators:

- *dr. hab. Maria Pinte*a, Research Institute for Horticulture and Alimentary Technologies
- *dr. Oleg Budeanu*, University of the Academy of Sciences of Moldova

7. *Postolache G.* THE FUND OF NATURAL AREAS PROTECTED BY THE STATE IN MOLDOVA: ACHIEVEMENTS AND PERSPECTIVES.
8. *Lazu Ș.* RENATURALISATION OF DEGRADED MEADOWS BY RESTORING THE HABITAT AND OPTIMIZING THE REGIME OF USE
9. *Ghendov V., Izverscaia Tatiana* COLCHICUM SPECIES IN THE RED BOOK OF REPUBLIC OF MOLDOVA
10. *Izverscaia Tatiana, Ghendov V.* RARE PLANT SPECIES OF THE REPUBLIC OF MOLDOVA, RECOMMENDED FOR STATE PROTECTION
11. *Fasola Regina* THE RARE PLANT SPECIES IN THE ECOSYSTEM „RACOVĂȚII DE SUD”
12. *Ciorchină Nina*. MICRO CLONING AND MICROPROPAGATION OF FRUIT AND ORNAMENTAL SHRUBS
13. *Pinte*a Maria. EMBRIOLOGICAL APPROACH OF EXPERIMENTAL WALNUT POLLINATION

Discussions.

Section II. Introduction and sustainable use of the plants resources.

(Central Scientific Library "A.Lupan" of the Academy of Sciences of Moldova. Conference room, first floor)

12.00 – 13.30 Section programme:

Moderators:

- dr. Alexandru Teleuță, Botanical Garden (Institute) of the ASM
- dr. Doina Dănilă, "Stejarul" Biological Research Centre, Piatra Neamt, Romania

1. Chisnicean Lilia, Colțun Maricica INTRODUCTION, CULTIVATION OF SPECIES *LOPHANTHUS ANISATUS* BENTH.
2. Elisovetskaya Dina, Nastas T., Bucatel V., Galupa D. NATURAL CROP PROTECTION BASED ON PLANT RESOURCES OF THE *JUNIPERUS SABINA* L. IN THE REPUBLIC OF MOLDOVA
3. Mărculescu Angela, Olteanu G. THE GARDENS OF MEDICINAL PLANTS AS A MEANS OF PRESERVATION AND RATIONAL VALORIZATION OF BIOACTIVE COMPOUNDS
4. Mazur T.P., Nuzhyna N.V., Didukh A.Ya. THE COMPLEX RESEARCH OF INTRODUCTION PLANTS OF *NYMPHAEA GIGANTEA* HOOK.
5. Bucatsel V. ANALYSIS AND PROGNOSIS OF RESULTS INTRODUCTION GYMNOSPERMS FROM THE WORLD FLORA IN THE CONDITIONS OF REPUBLIC MOLDOVA
6. Sirbu Tatiana. INTRODUCTION OF THE DECORATIVE PERENNIAL PLANTS IN BOTANICAL GARDEN (INSTITUTE) OF THE ASM

Discussions.

13.30– 14.30 - Coffee break

14.30 – 15.30 - Examination of the posters.

15.30 – 17.00. Section Programme:

Moderators:

- dr. Aliona Glijin, University of the Academy of Sciences of Moldova
- dr. Tatiana Sirbu, Botanical Garden (Institute) of the ASM

7. Reut A.A., Mironova L.N. RARE SPECIES OF THE GENUS *PAEONIA* L. UNDER INTRODUCTION IN BASHKORTOSTAN
8. Ruguzova Anna. SEED FORMATION IN *TORREYA GRANDIS* FORTUNE EX LINDL. INTRODUCED TO THE SOUTHERN COAST OF CRIMEA
9. Stingaci Aurelia. USING VIRUS TO RESTORE AND CONSTRUCT STABLE FOREST ECOSYSTEM FOR CONTROL OF THE SPECIES *Hyphantria cunea Drury*.
10. Teleuță Alexandru, Țiței Victor *ASTRAGALUS GALEGIFORMIS* L. – A PROMISING FODDER LEGUMINOUS SPECIES IN THE REPUBLIC OF MOLDOVA
11. Torchuk S.P., Titok V.V. BIOLOGICAL CHARACTERISTICS OF *ASTRANTIA MAJOR* L. IN *EX SITU* COLLECTIONS
12. Țîmbalî Valentina. SOME ASPECTS OF THE INTRODUCTION OF REPRESENTATIVES OF GENUS *BEGONIA* L. IN THE GREENHOUSES OF THE BOTANICAL GARDEN (INSTITUTE) OF THE ASM

Discussions.

17.00. – 18.30. Plenary session

- Report of the Moderators.
- Discussions.
- Decision International Scientific Symposium "Conservation of plant diversity", 3rd edition, 22-24 may 2014, Chisinau, Republic of Moldova.

19.00 - Welcome reception.
24 MAY 2014

- 9.00 - 12.00** - Field excursion. Reserve "Codrii". Lozova, Straseni.
- 12.00 - 14.00** - Botanical Garden (Institute) of the ASM.
- 14.00** - Departure of the participants.

POSTER

I. Structural and functional diversity of vegetal organisms

Moderator: dr.hab. Valentin Codreanu, Botanical Garden (Institute) of the ASM

1. *Boz Irina, Necula Radu, Budeanu Oleg, Ghita Georgiana, Gille Elvira* HISTO-ANATOMICAL RESEARCH REGARDING THE VEGETATIVE ORGANS OF *ORIGANUM VULGARE* L.
1. *Calalb Tatiana, Onica Elisaveta, Burlescu D.* THE CONTENT OF SOME NATURAL COMPOUNDS IN THE FRUITS OF NEW FORMS OF BLACK CHOKEBERRY AND SEA-BUCKTHORN, OBTAINED IN BOTANICAL GARDEN OF ACADEMY OF SCIENCE OF MOLDOVA
2. *Caus M., Dascaluic A.* PEROXIDASE ACTIVITY IN CUCUMBER (*CUCUMIS SATIVUS* L.) SEEDLINGS OBTAINED FROM SEEDS TREATED WITH NATURAL GROWTH REGULATOR *REGLALG*
3. *Elenciuc Daniela, Bulimag Valentina, Zosim Liliana, Efremova Nadejda, Batir Ludmila* THE MODIFICATION OF CONTENT OF SOME ANTIOXIDANTS IN *SPIRULINA PLATENSIS* BIOMASS
4. *Găucă Constantin, Popa Lorena-Diana.* GENETIC VARIABILITY OF THE CONTENT OF THE CANNABINOID IN THE IMPROVEMENT PROCESS OF MONOECIOUS HEMP (*CANNABIS SATIVA* L.) VAR. MONOICA
5. *Glijin Aliona, Acciu Adriana, Gîscă I.* MOLECULAR ANALYSIS OF *Orobanche cumana* Wallr. FROM DIFFERENT GEOGRAPHICAL REGIONS
6. *Jelev Natalia, Ignatova Zoia, Cuznețova Irina, Moraru Constantin* SELECTING OF MUTANT FORMS OF WINTER WHEAT WITH GOOD QUALITIES OF BREADMAKING QUALITY TESTED IN EXTREME DROUGHT AND RAINFALL CONDITIONS.
7. *Lisnic S., Toma S., Lemanova Natalia, Coretscaia Iulia.* NITRATE REDUCTASE AND PEROXIDASE ACTIVITY IN SUGAR BEET LEAVES UNDER APPLICATION OF TRACE ELEMENTS AND TEMPORAL WATER STRESS
8. *Lozinschii Mariana, Ciorchina Nina* GROWTH REGULATORS INFLUENCE ON SOME VARIETIES OF BLACKBERRY CULTIVARS DURING THE MICRO-CLONING PROCESS
9. *Marinescu M., Kolesnikova L.* APPLE FRUIT CALLUS: CELLULAR AND SUBCELLULAR ORGANIZATION
10. *Martea Rodica, Mutu Ana, Clapco Steliana, Budeanu Oleg, Duca Maria* EVALUATION OF GENETIC DIVERSITY OF *ORIGANUM* GENUS SPECIES
11. *Motelica L., Stegărescu V.* THE DEGREE OF ACCUMULATION OF THE RADIONUCLIDE Cs-137 IN SPONTANEOUS VEGETATION
12. *Mutu Ana, Budeanu O., Martea Rodica, Clapco Steliana, Gille Elvira, Port Angela, Duca Maria* RAPD MOLECULAR MARKER STUDY OF THE INTRASPECIFIC VARIABILITY OF *Origanum vulgare* subsp. *vulgare* NATURALLY OCCURRING IN MOLDOVA
13. *Neagu Elena* ANALYSIS OF GENETIC DIVERSITY IN MOLDAVIAN POTATO CULTIVARS BY USING RAPD MARKERS
14. *Negulici Eduard Marius.* THE INFLUENCE OF CLIMATE CHANGES ON PHENOLOGY TO SOME VARIETIES OF ROSES FROM BOTANICAL GARDEN "DIMITRIE BRANDZA"
15. *Onica Elisaveta* QUANTITATIVE ANATOMY OF LEAF EPIDERMIS AT INTERGENERIC TETRAPLOID HYBRIDS QUINCE X APPLE (*CYDONIA* X *MALUS*)
16. *Pintea Maria.* STUDIES OF SOME INTRODUCED APRICOT VARIETIES IN THE REPUBLIC OF MOLDOVA
17. *Sedenco M. A., Ciorchina N. G.* IMPACT OF SUCROSE CONCENTRATION ON *IN VITRO* CULTURE LONG-TERM MAINTENANCE OF RARE SPECIES
18. *Șestacova Tatiana, Cucereavii Aliona, Port Angela* GENETIC VARIABILITY ASSESSMENT USING MOLECULAR BIOLOGY TECHNIQUES
19. *Ștefanache Camelia, Ciocârlan Nina, Chisnicean Lilia, Necula R., Grigoraș V., Colțun Maricica, Dănilă Doina.* COMPARATIVE PHYTOCHEMICAL STUDIES OF *AGASTACHE RUGOSA* KUNTZE SPECIES

FROM COLLECTIONS AND EXPERIMENTAL CULTURES IN ROMANIA AND REPUBLIC OF MOLDOVA

20. *Vlasova E. V.* MORPHOLOGICAL AND TAXONOMIC DESCRIPTION OF *LUPINUS ANGUSTIFOLIUS* L. SPIKELIKE SAMPLES INTO VIR COLLECTION
21. *Zdioruk Nina, Ralea T., Jelev Natalia, Florenta Gheorghe* SEASONAL CHANGES IN THE TOTAL ACTIVITY OF THE ENZYMES UTILIZING HYDROGEN PEROXIDE IN BOXWOOD (*BUXUS SEMPERVIRENS* L.) LEAVES

II. Taxonomy. Conservation of the plant kingdom

Moderator: dr.hab. *Gheorghe Postolache*, Botanical Garden (Institute) of the ASM

1. *Bîrsan C., Tănase C., Mardari C., Cojocariu Ana, Balaes T.* DIVERSITY AND ECOLOGICAL DETERMINANTS OF DEAD WOOD FUNGI IN NATURAL RESERVES OF BROAD LEAVED FORESTS OF SUCEAVA DISTRICT.
2. *Bonyuk Z.G., Tkachuk O.O., Girin A.I., Grevtsova A.T.* CONSERVATION OF WOODY PLANTS BIODIVERSITY IN THE O.V.FOMIN BOTANICAL GARDEN
3. *Ciocârlan Nina, Ghendov V.* *MENTHA GATTEFOSSEI* BIEB. – CONSERVATION STATUS AND TAXONOMICAL ASPECTS
4. *Cojocariu Ana, Tănase Cătălin.* COMPARATIVE ASPECTS REGARDING THE DIVERSITY OF WOOD-DESTROYING MACROMYCETES IN TWO OPEN AIR VILLAGE MUSEUMS FROM ROMANIA
5. *Dombrov Ludmila* THE INTRASPECIFIC CLASSIFICATION OF THE BASIL (*OCIMUM BASILICUM* L.)
6. *Duca Maria, Glijin Aliona, Acciu Adriana, Gorceag Maria, Gîscă I.* IDENTIFICATION OF RAPD MARKERS ASSOCIATED WITH SUNFLOWER RESISTANCE TO *Orobanche cumana* Wallr.
7. *Galkin S.I., Kalashnikova L.V.* PROBLEMS OF PROTECTION AND CONSERVATION OF RARE PLANTS IN THE STATE DENDROLOGY PARK «ALEXANDRIA» OF THE NATIONAL ACADEMY OF SCIENCES OF UKRAINE
8. *Ghendov V.* THREATENED *LILIOPSIDA* FOR THE RED BOOK OF REPUBLIC OF MOLDOVA (3RD EDITION)
9. *Ghendov V., Ciocârlan Nina, Dănilă Doina.* *NEPETA PARVIFLORA* BIEB. – ENDANGERED MEDICINAL SPECIES IN THE FLORA OF REPUBLIC OF MOLDOVA
10. *Jardan Natalia* THE VASCULAR FLORA OF „CODRII” RESERVE
11. *Lazu Șt., Miron Aliona, Talmaci Ludmila* RENATURALIZATION IN THE CALCIFIED GRASSLAND TERRAINS IN R. MOLDOVA
12. *Lazu Șt., Pavliuc Alina, Talmaci Ludmila, Miron Aliona* FLORISTIC AND PHITOCENOTIC DIVERSITY IN THE LANDSCAPE REZERVATION „TELIȚA”
13. *Mardari Constantin, Tănase Cătălin, Bîrsan Ciprian, Balaes Tiberius.* THE SILVER FIR (*ABIES ALBA*) FOREST COMMUNITIES FROM EASTERN CARPATHIANS (ROMANIA)
14. *Miron Aliona, Postolache Gheorghe, Titica Ghenadie* FLORA DIVERSITY OF PROTECTED NATURAL AREA OF RIVER BLUEGRASS MEADOW
15. *Ștefârța Ana.* RARE SPECIES OF *HYPERICUM* L. (*CLUSIACEAE*) OF THE FLORA OF THE REPUBLIC OF MOLDOVA
16. *Titica Ghenadie.* CONTRIBUTION TO THE STUDY OF PLANT COMMUNITIES DOMINATED BY *AGROPYRO PECTINATUM*– *STIPA CAPILLATAE* FROM THE REPUBLIC OF MOLDOVA
17. *Titica Ghenadie.* STUDIES ON THE VEGETATION OF STEPPES DOMINATED BY *SALVIO NUTANTI-NEMOROSAE* - *FESTUCETUM RUPICOLAE*
18. *Tofan-Dorofeev Elena* A NEW SPECIES OF WILD ROSE (*ROSA* L.) IN THE FLORA OF THE REPUBLIC OF MOLDOVA

III. INTRODUCTION AND SUSTAINABLE USE OF THE PLANTS RESOURCES

Moderator: dr. *Victor Țiței*, Botanical Garden (Institute) of the ASM

1. *Ababii V., Teleuță A.* THE FLOWERING AND POLLINATION TO *GALEGA ORIENTALIS* LAM. IN THE CONDITION OF REPUBLIC OF MOLDOVA
2. *Adina Cătălina Druțu, Lorena Diana Popa, Alexandra Andreea Buburuz Simona- Florina Pochiscanu, Traian Ioan Pomohaci.* THE INFLUENCE OF TEMPERATURE ON SEED GERMINATION IN SOME SPECIES OF MEDICINAL AND AROMATIC PLANTS
3. *Balmuş Zinaida* EARLY VARIETIES OF *SALVIA SCLAREA* L. (CLARY SAGE)
4. *Bayramova D. B., Aliyeva A. A.* GENE POOL OF DOMESTIC APPLE BREEDS OF AZERBAIJAN
5. *Bayramova D.B.* NATIONAL PLUM VARIETIES OF AZERBAIJAN
6. *Berezkina V., Menshova V.* WILD HERBACEOUS PLANTS OF A. V. FOMIN BOTANICAL GARDEN

7. *Boiko N.S.* HISTORICAL INTRODUCTION AND ANALYTICAL ASPECTS OF THE TAXONOMIC COMPOSITION THE GENUS *TAXUS* L. IN THE BOTANICAL INSTITUTIONS OF UKRAINE
8. *Bucatsel V.* EXPERIENCE AND INTRODUCTION PERSPECTIVES IN MOLDOVA OF GYMNOSPERMS FROM DIFFERENT FLORISTIC REGIONS
9. *Cahugaru-Spataru Tatiana, Alexeev C.* EFFECT OF NATURAL GROWTH REGULATOR *REGLALG* ON ACCUMULATION THE *RHODIOLA ROSEA* L. CALLUS BIOMASS
10. *Caus Maria, Dascaluic A.* PEROXIDASE ACTIVITY IN SEEDLING OF CUCUMBER (*CUCUMIS SATIVUS* L.) AS A CONSEQUENCE OF SEEDS TREATMENT WITH NATURAL GROWTH REGULATORS
11. *Ciobanu Cristina* SUGGESTIONS IN REHABILITATION OF LANDLORD PARK IVANCEA.
12. *Coltun Maricica, Dombrov Ludmila.* HONEY PLANTS RESEARCHED BY BOTANICAL GARDEN
13. *Demidov A.S., Potapova S.A.* INTRODUCTION OF CULTIVATED PLANTS AT THE MAIN BOTANICAL GARDEN RAS
14. *Donica Ala* ENVIRONMENTAL EDUCATION MODEL ON PLANT SPECIES OF MOLDOVA, INCLUDED IN APPENDIX CITES (WASHINGTON, 1973).
15. *Fedorchuk M.I., Pashtetsky V.S., Filipov E.G.* BOTANY-BIOLOGICAL FEATURES OF *CARTHAMUS TINCTORIUS* AT GROWING IN THE CONDITIONS OF IRRIGATION IN SOUTHERN UKRAINE
16. *Fedorchuk V.G., Kokovichin S.V., Ryabukha I.M., Filipova I.M.* PRODUCTIVITY AND BIOCHEMICAL COMPOSITION OF THE *SILYBUM MARIANUM* DEPENDING ON DIFFERENTIATION OF ELEMENTS OF THE TECHNOLOGY GROWING UNDER THE CONDITIONS OF IRRIGATION OF THE SOUTH OF UKRAINE
17. *Gaidarzhly M.N., Nikitina V.V.* MONOCARPIC PHENOMENON AMONG SUCCULENT PLANTS
18. *Găucă Constantin, Popa Lorena-Diana, Druțu Adina Cătălina, Pomohaci Traian Ioan* GENETIC VARIABILITY OF THE CONTENT OF THE CANNABINOID IN THE BREEDING PROCESS OF MONOECIOUS HEMP (*CANNABIS SATIVA* L.) VAR. MONOICA
19. *Gladcaia A., Cheptinari V., Nastas T.* INFLUENCE OF NECTARIFEROUS PLANTS ON MAINTAINING THE NATURAL BALANCE IN TOMATO FIELD AGROCENOSSES
20. *Grigorița Lilia, Țimbalî Valentina* OUTDOOR LANDSCAPE INTRODUCTION OF *AGAVE* L. SPECIES IN THE BOTANICAL GARDEN (INSTITUTE) OF ASM
21. *Ifrim C.* INDOOR PLANTS CULTIVATED IN BOTANICAL GARDEN IASSY USED IN TRADITIONAL MEDICINE
22. *Ishchuk L.P.* PECULIARITIES OF ENERGY PLANTATION FORMING IN RIGHT-BANK FOREST-STEPPE OF UKRAINE
23. *Kleshina Ludmila, Gargalik Svetlana.* (*PUCCINIA HORIANA* HENN.) - DISEASE OF *CHRYSANTHEMUM*.
24. *Kuharuk E., Cojocaru O.* SUSTAINABLE USE OF SOILS RESOURCES FOR THE PLANTS
25. *Leah Tamara.* MANAGEMENT MEASURES FOR SUSTAINABLE AGRICULTURAL LANDSCAPES OF MOLDOVA
26. *Mammadov T.S., Abbasova Z.Q.* CONIFEROUS INTRODUCTION IN ARBORETUM NAS OF AZERBAIJAN AND USE IN LANDSCAPE DESIGN
27. *Mammadova N.Kh., Shikhli H.M.* PHYTOPATHOLOGIC ESTIMATION OF COTTON INTRA- AND INTERSPECIFIC HYBRIDS RESISTANCE TO FUNGI *VERTICILLIUM DAHLIAE* KLEBAHN
28. *Musteatsa G., Rosca Nina, Baranova Natalia* APIACEAE SPECIES CULTIVATED ALONG WITH CLARY SAGE (*SALVIA SCLAREA* L.)
29. *Palancean A., Elisaveta Onica, Roșca I.* PECULIARITIES OF PROPAGATING THE *PRINSEPIA SINENSIS* (OLIV.) KOM SPECIES
30. *Palancean A., Gogu V.* CLASSIFICATION OF FOREST STANDS OF THE NATIONAL FORESTRY FUND DEPENDING ON INFLUENCE OF HUMAN ELEMENT
31. *Palancean A., Roșca I., Elisaveta Onica* NEW CULTIVAR MULTIPLICATION OF *WEIGELA FLORIDA* (BGE.) A. DC. IN THE REPUBLIC OF MOLDOVA
32. *Pomohaci T.I., Naie Margareta, Pochișcanu Simona Florina, Druțu Cătălina, Popa Diana Lorena Mîrzan Oana* THERAPEUTIC IMPORTANCE AND THE INFLUENCE OF SOWING DENSITY ON SOME PRODUCTIVITY ELEMENTS TO OAT (*AVENA SATIVA*) SPECIES IN A.R.D.S. SECUIENI CLIMATIC CONDITIONS
33. *Popoff E.H., Oleshuk E.N.* CLIMATIC PRECONDITIONS AND SPECIFICITY OF ITRODUCTIONS FOR PROMISING GRAPE VINE CULTIVARS IN REPUBLIC OF BELARUS
34. *Rosca Nina, Musteatsa G., Baranova Natalia, Timciuc C., Vornicu Zinaida, Jelezneac Tamara* THE SHARE OF MORPHOLOGICAL ELEMENTS OF THE HARVESTING THE PRODUCTION OF HYSSOPESENTIAL OIL
35. *Sava V.* INTRODUCTION OF DECORATIVE PERENNIAL RARE PLANTS IN SPONTANEOUS FLORA OF THE REPUBLIC OF MOLDOVA
36. *Shikhli H.M., Mammadova N.Kh.* THE CONDITION OF FUNGUS CAUSED TO ROTTING OF GRAPE ROOT INFECTED BY *PHYLLOXERA* IN BEYLAGAN REGION

37. *Sirbu Tatiana* SOME ASPECTS REGARDING THE CULTIVATION *EX-SITU* OF *AMSONIA* WALTER SPECIES WITH DECORATIVE VALUE
38. *Temirbekova S.K., Kulikov I.M., Ionova N.E., Afanasyeva U.V.* BIOLOGICAL CHARACTERISTICS OF SAFFLOWER TINCTORIAL IN THE MOSCOW REGION.
39. *Țîmbali Valentina, Rogacico S., Gușanova Victoria.* THE PLANT COLLECTION OF FAM. *CACTACEAE* JUSS. IN THE BOTANICAL GARDEN (INSTITUTE) OF THE ASM
40. *Titei V., Teleuta A., Cosman S.* FODDER VALUE OF SILAGE OF THE GIANT KNOTWEED PLANTS UNDER THE CONDITIONS OF THE REPUBLIC OF MOLDOVA
41. *Titei Victor* *MACLEAYA CORDATA* SPECIES INTRODUCTION AND UTILIZATION POSSIBILITIES IN THE REPUBLIC OF MOLDOVA
42. *Todirash Natalia* ANALYSIS OF REPRESENTATIVES FENOSPEKTRA OF *ECHEVERIA* DC KIND, OBTAINED IN THE GREENHOUSE STOCK BOTANICAL GARDEN OF REPUBLIC OF MOLDOVA.
43. *Todirash Natalia* ESTIMATION OF BIOLOGICALLY ACTIVE SUBSTANCES IN JUICE OF CERTAIN ALOE SPECIES IN GREENHOUSE CONDITIONS OF REPUBLIC OF MOLDOVA
44. *Topale S., Dadu C., Roychev V.* CYTOGENETIC RESEARCH INTO SEEDLESS AND NATIVE BULGARIAN SEEDED VINE CULTIVARS (*VITIS VINIFERA* L.)
45. *Torchyk U.I.* PECULIARITIES OF GARDEN-VARIETY FORMS OF CONIFERS INTRODUCTION IN THE REPUBLIC OF BELARUS
46. *Vitton P.* ROLE OF NECTARIFEROUS PLANTS IN ENTOMOPHAGES DINAMICS
47. *Voineac Inna* NEW CHRYSANTHEMUMS SORTS IN THE COLLECTION OF BOTANICAL GARDEN (INSTITUTE) OF ASM
48. *Vozhegova Raisa, Vozhegov S.* THE SCIENTIFIC JUSTIFICATION AND THE RESULTS OF RICE BREEDING IN UKRAINE