



ACADEMY OF SCIENCES OF MOLDOVA
INSTITUTE OF ZOOLOGY

PROGRAM

OF IX-TH INTERNATIONAL CONFERENCE OF ZOOLOGISTS

”SUSTAINABLE USE, PROTECTION OF ANIMAL WORLD AND FOREST MANAGEMENT IN THE CONTEXT OF CLIMATE CHANGE”

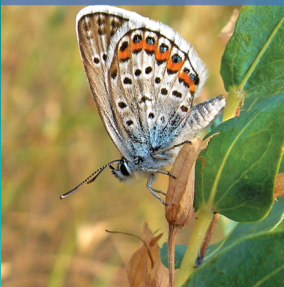
dedicated to the 70th anniversary from the creation
of the first research institutions and 55th of the inauguration
and foundation of the Academy of Sciences of Moldova



50
YEARS

Empowered lives. Resilient nations.

CHISINAU • 12-13 OCTOBER 2016



ORGANIZERS

ORGANIZING INSTITUTIONS

- Academy of Sciences of Moldova
- Institute of Zoology

PARTNER INSTITUTIONS

- Ministry of Environment of the Republic of Moldova
- European Union
- World Bank
- Global Environmental Facility
- United Nations Development Program
- International Union for Conservation of Nature
- World Wildlife Fund

TOPICS

- Diversity of aquatic and terrestrial animal communities;
- Taxonomy, systematics and evolution of animals;
- Structure and dynamics of animal populations in natural and anthropized ecosystems;
- Population functioning and role of animals in maintaining the ecological equilibrium;
- Biological control of pests;
- Invasive species, their ecological and social-economic impact;
- Molecular and genetic methods in systematics, phylogeny, phylogeography and animal ecology
- Protection of rare, endangered and vulnerable animal species under the conditions of intense anthropogenic pressure;
- Status and trends of forest resources evolution in the context of climate change;
- Forest governance and law enforcement (FLEG).

LOCATION

**12-13 October 2016, Chisinau, Republic of Moldova
Institute of Zoology of A.S.M., Academiei str. 1**

CONTACT INFORMATION

tel./fax 373 22 73 98 09, e-mail: izoolconference@gmail.com, web: www.zoology.asm.md

INTERNATIONAL SCIENTIFIC COMMITTEE

- Toderas Ion** – president, director of Institute of Zoology, A.S.M., dr. hab., academician;
Munteanu Valeriu – co-president, Minister of Environment of the Republic of Moldova;
Capcelea Arcadie – co-president, World Bank, dr. habilitatus;
Gulea Aurelian – Section of Natural and Exact Sciences, coordinator academician;
Murariu Dumitru – director of Institute of Biology of Romanian Academy, Bucharest, Romania;
Gomoiu Marian Traian – University Ovidius, Constanța, Romania, academician of Romanian Academy;
Munteanu Dan – president of Committee for protection of Nature Monuments within Romanian Academy, corresponding member of Romanian Academy;
Popa Luis Ovidiu – Director of National Museum of Natural History „Grigore Antipa”, Bucharest, Romania, dr.;
Brezeanu Gheorghe – Institute of Biology, Romanian Academy, Romania, dr., professor;
Andriescu Ionel – ”ALI Cuza” University, Iași, Romania dr., professor;
Miron Liviu – dean of Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad", Iași, Romania, dr., professor;
Cozma Vasile – Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania, academician;
Chimisliu Cornelia – Department of Natural Sciences of Oltenia Museum, Craiova, Romania, dr. ;
Sasanelli Nicola – University of Agricultural Sciences, Bari, Italy, dr., professor;
Kolman Ryszard – Inland Fisheries Institute in Olsztyn, Poland, dr.hab., professor;
Ene Antoaneta – University ”Dunărea de Jos”, Galați, Romania, dr. hab., engineer, professor;
Ureche Dorel – University ”Vasile Alecsandri”, Bacău, România, dr., ass. professor;
Vesnina Liubov – Altai branch of FSBSI "Gosrybcenter", Barnaul, Russia, dr., professor.

LOCAL ORGANIZING COMMITTEE

- Ungureanu Laurentia**, vice-director on scientific problems of Institute of Zoology of ASM (president), dr. hab., professor;
Rotaru Ala, head of Department Natural Resources and Biodiversity, Ministry of Environment of the Republic of Moldova;
Galupa Dumitru, director, Institute of Research and Forestry Arrangements, dr. ;
Calestru Livia, scientific secretary of Institute of Zoology of ASM, dr., ass. professor;
Nistoreanu Victoria, head of laboratory of Mammalogy, Herpetology and Palaeozoology, Institute of Zoology of ASM, dr., ass. professor;
Zubcov Elena, head of laboratory of Hydrobiology and Toxicology, Institute of Zoology of ASM, dr. hab., professor;
Derjanschi Valeriu, leading scientific researcher, Institute of Zoology of ASM, dr. hab., professor;
Erhan Dumitru, leading scientific researcher, Institute of Zoology of ASM, dr. hab., professor;
Usatii Marin, head of laboratory of Ichthyology and Aquaculture, Institute of Zoology of ASM, dr.hab., professor;
Munteanu Andrei, leading scientific researcher, Institute of Zoology of ASM, dr., professor;
Lozan Aurel, international consultant, World Bank / International Union for Conservation of Nature (IUCN), dr. ;
Baban Elena, head of laboratory of Entomology, Institute of Zoology of ASM, dr. ass. professor;
Rusu Ștefan, head of laboratory of Parasitology and Helminthology, Institute of Zoology of ASM, dr., ass. professor;
Chihai Oleg, Institute of Zoology of ASM, dr., ass. professor;
Bulat Dumitru, higher scientific researcher, Institute of Zoology of ASM, dr., ass. professor;
Bulat Denis, higher scientific researcher, Institute of Zoology of ASM, dr., ass. professor;

AKNOWLEDGEMENTS

The Organizing Committee of International Conference of Zoologists “Sustainable use, protection of animal world and forest management in the context of climate change” is grateful for continuous support from:

- SUPREME COUNCIL FOR SCIENCE AND TECHNOLOGICAL DEVELOPMENT OF THE ACADEMY OF SCIENCES OF MOLDOVA
- MINISTRY OF ENVIRONMENT OF THE REPUBLIC OF MOLDOVA
- EUROPEAN UNION
- WORLD BANK
- GLOBAL ENVIRONMENTAL FACILITY
- UNITED NATIONS DEVELOPMENT PROGRAM
- INTERNATIONAL UNION FOR CONSERVATION OF NATURE
- WORLD WILDLIFE FUND

PROGRAM

Wednesday, 12 October 2016

- 09⁰⁰ – 10⁰⁰ – registration of participants** (ASM, bd. Stefan cel Mare 1)
10⁰⁰ – 10³⁰ – Official opening of the Conference (Azure room of ASM)
Official opening and welcoming speeches (5 min.)
10³⁰ – 12³⁰ – Plenary presentations (15 min) (Azure Room of ASM)

Toderas Ion, Ungureanu Laurentia, Calestru Livia
HISTORY OF THE INSTITUTE OF ZOOLOGY OF A.S.M.

Murariu Dumitru, Woloszyn Bronislaw
ADAPTATIONS OF BIODIVERSITY TO CLIMATIC CHANGES

Capcelea Arcadie, Bucur Costel, Costea Antoanela, Lozan Aurel, Rotaru Petru
FLEG PROCESS AND CLIMATIC CHANGES IN THE REPUBLIC OF MOLDOVA

Cozma Vasile, Gyorke A., Gherman Calin, Oleleu A.-M., Jarca A., Barburas D., Cozma-Petru A.
MAJOR MEAT PARASITES IN ROMANIA- SPECIES, STRAINS, AND GENOTYPES

Turcan Valdimir
PRESENT SITUATION AND CONSERVATION PERSPECTIVES OF HERPETOFAUNA IN THE REPUBLIC OF MOLDOVA

Croitor Roman
DEER (CERVIDAE, MAMMALIA) FROM LATE MIOCENE TO PLEISTOCENE: PHYLOGENY, EVOLUTION, AND PALEOZOOGEOGRAPHY

Nistreanu Victoria
ACTUAL STATE OF SHREW SPECIES (INSECTIVORA: SORICIDAE) IN THE REPUBLIC OF MOLDOVA

- 12³⁰-14⁰⁰ – Lunch** (Crizantema Café)
14⁰⁰ – 17⁰⁰ – Works in section
17⁰⁰ – 17³⁰ – Poster session (Institute of Zoology, Academiei str. 1)
18⁰⁰ – Welcome reception

Wednesday, 12 October 2016

14⁰⁰ – 17⁰⁰

SECTION 1. TERRESTRIAL VERTEBRATES

(Institute of Chemistry, room 349, Academiei str. 3)

Moderators:

Murariu Dumitru – dr., corresponding member of Romanian Academy, Institute of Biology,
Romanian Academy

Munteanu Andrei – dr. prof., Institute of Zoology of A.S.M.

Oral Presentations (10 min)

Munteanu Andrei, Zubcov Nicolai, Bogdea Larisa, Buciuceanu Ludmila

ABOUT THE EVOLUTION OF HOLLOW-NESTING BIRDS IN THE REPUBLIC OF MOLDOVA

Mataca Sorina Stefania

CONSIDERATIONS REGARDING EXISTENT BIRDS IN THE WETLANDS OF MEHEDINTI
DISTRICT (ROMANIA)

Diaconu Florina

FAUNA OF MOLLUSCS IN BADENIAN DEPOSITS FROM PÂRLAGELE, MEHEDINȚI
PLATEAU GEOPARK, ROMANIA

Havrylenko Viktor

PROSPECTS FOR CONSERVATION AND RISKS OF LOSS OF RARE SPECIES IN
PROTECTED AREAS OF A STEPPE ZONE OF UKRAINE

Ciorpac Mitica, Ion Constantin, Popescul Ovidiu A., Gorgan Dragos Lucian

CLADISTICS ASSESSMENT OF THE PHYLOGENETIC RELATIONSHIPS WITHIN
SYLVIOIDEA SUPERFAMILY (AVES: PASSERI) DRAWING A COMPREHENSIVE
SUPERTREE

15²⁰ – 15⁴⁰ – COFFEE BREAK

Kalmykov N. P.

MEGAFaUNA OF THE PLEISTOCENE OF THE SOUTH OF EASTERN SIBERIA – THE
INDICATOR OF SLOW CHANGE OF CLIMATE

Munteanu Andrei, Zubcov Nicolae, Bogdea Larisa

CURRENT STATUS AND DISTRIBUTION OF THE SPECIES CYGNUS OLOR (GMELIN, 1789)
IN MOLDOVA

Cozari Tudor, Erhan Dumitru, Gherasim Elena

INFLUENCE OF THE ECOLOGICAL FACTORS ON COLORATION OF THE GREEN FROGS
(AMPHIBIA, RANIDAE) IN ECOSYSTEMS OF MOLDOVA

Croitore Roman

TAXONOMY AND SYSTEMATIC POSITION OF THE INDIGENOUS HOLOCENE RED DEER
(*CERVUS ELAPHUS*, CERVIDAE, MAMMALIA) FROM MOLDOVA

Sidorov Mikhail M., Shadrina E. G., Danilov V. A., Yakovleva M. L.

STRAY DOGS IN THE CITY OF YAKUTSK

Pascari Viorica, David Anatolie

DIVERSITY OF THERIOFAUNA FROM PALEOLITIC STATION OF MUSTERIAN CULTURE
FROM TRINCA II GROTE

14⁰⁰ – 17⁰⁰

SECTION 2. INVERTEBRATES

(Institute of Zoology, room 352, Academiei str. 1)

Moderators:

Cozma Vasile – dr. prof., University of Agricultural Science and Veterinary Medicine Cluj-Napoca, Academy of Agricultural and Forestry Science, Bucharest, Romania

Derjanschi Valeriu – dr.hab., prof., Institute of Zoology, Academy of Sciences of Moldova

Chimisliu Cornelia– dr., Oltenia Museum of Craiova, Romania

Andriescu Ionel, Ureche Camelia, Perju Teodosic, Stolnicu Alina Maria

FORMATION OF THE PARASITOID COMPLEXES IN FOUR INVASIVE MINING SPECIES OF MACROLEPIDOPTERANS IN ROMANIA

Cuibuc Constantin

SCIENTIFIC SUBSTANTIATION CONSERVATION STATUS OF TERRESTRIAL AND AQUATIC INVERTEBRATES LIST OF COMMUNITY IN ORDER TO DEVELOP PLANS OF MANAGEMENT OF NATURAL PARKS, NATIONAL AND NATURA 2000 SITES IN ROMANIA

Bosovici Elena-Daniela, Moglan Ioan

THRIPS DIVERSITY (INSECTA: THYSANOPTERA) FROM RYE CROPS IN THE NORTHERN OF MOLDAVIA REGION

Buga Serghei, Sinchuk Aleh

ALIEN SPECIES OF TERRESTRIAL INVERTEBRATES IN BLACK BOOK OF INVASIVE ANIMAL SPECIES IN BELARUS

Busmachi Galina, Weiner Wanda Maria

SPECIES OF FAMILY HYPOGASTRURIDAE (COLLEMBOLA: HEXAPODA) FROM THE REPUBLIC OF MOLDOVA

Chimisliu Cornelia

NEW DATA ABOUT PRESENCE OF THE ZYGAENIDAE FAMILY (INSECTA: LEPIDOPTERA: ZYGAENOIDEA) IN THE FAUNA OF OLTENIA, ROMANIA

Andreev Nadejda, Cremeneac Larisa, Toderas Ion, Zubcov Elena, Plesca Ana

LACTO-FERMENTED ORGANIC WASTE - A SUITABLE FEEDSTOCK FOR GROWTH AND REPRODUCTION OF COMPOSTING EARTHWORM, *EISENIA FOETIDA*

Volosciuc Leonid

ORGANIC FARMING IN MINIMIZING OF CLIMATE CHANGE IMPACTS

15²⁰ – 15⁴⁰ – COFFEE BREAK

Sasanelli Nicola, Toderas Ion, Ciccacese Franco, Erhan Dumitru, Rusu Stefan, Bivol Alexei, Iurcu-Straistaru Elena

BIOLOGICAL LIMITATORS IN THE CONTROL OF *MELOIDOGYNE INCOGNITA* AND *VERTICILLIUM DAHLIAE* ON EGGPLANT

Madyarov Shukhrat, Khamraev Sh.

GLOBAL WARMING AND THE NEW APPROACHES FOR DEVELOPMENT OF BAITING MATRICES, CONTROL AGENTS AND BAITS FOR TURKESTAN TERMITE ANACANTHOTERMES *TURKESTANICUS* JACOBSON

Heyfetz Eduard

DIALECTIC ASPECT OF EVOLUTIONARY OUTLOOK

Elisovetcaia Dina, Derjanschi Valeriu, Dorosenco Valentina

RELEASES OF THE ENTOMOPHAGE *PERILLUS BIOCULATUS* F. (HETEROPTERA, PENTATOMIDAE) ON THE POTATOES CROP IN THE REPUBLIC OF MOLDOVA

Gavrilita Lidia

INTERSPECIFIC COMPETITION OF TRICHOGRAMMA SPP.

Iurcu-Straistaru Elena, Toderas Ion, Bivol Alexei, Rusu Stefan, Munteanu-Molotievskiy Natalia, Moldovan Anna

DATA ON NEMATODE COMPLEXES OF APPLE TREES IN THE REPUBLIC OF MOLDOVA

Manic Gheorghe, Andriescu Ionel, Mitroiu Mircea

A NEW EUROPEAN SPECIES OF SPATHOPUS ASHMEAD (HYMENOPTERA: CHALCIDOIDEA: PTEROMALIDAE)

Neculiseanu Zaharia

ADVENTIVE AND INVASIVE SPECIES OF COLEOPTERA (INSECTA) RECORDED FROM JAMAICA BAY WILDLIFE REFUGE (NEW YORK)

Morozov Alexandr, Tischenkov A., Proka Andrei, Toderas Ion, Movila Alexandru, Toderas Lidia

MIGRATORY BIRDS SUPPORTING INVASIONS OF *H. MARGINATUM* TICKS AND TICK-BORNE PATHOGENS INTO REPUBLIC OF MOLDOVA

14⁰⁰ – 17⁰⁰

SECTION 3. WATER ECOSYSTEMS

(Institute of Zoology, room 321, Academiei str. 1)

Moderators:

Ungureanu Laurentia- dr. hab., prof., Institute of Zoology, ASM

Brezeanu Gheorghe – dr., prof., Institute of Biology, Romanian Academy, Romania

Ene Antoaneta – dr. hab., prof., University "Dunarea de Jos", Galati, Romania

Ene Antoaneta

MEASUREMENTS OF ENVIRONMENTAL RADIOACTIVITY IN LOWER DANUBE REGION

Ene Antoaneta, Pantelica Ana, Zubcov Elena, Bogdevich Oleg, Denga Yuriy, Frontasyeva

Marina V., Spanos Thomas

NUCLEAR AND ATOMIC ANALYTICAL TECHNIQUES FOR ELEMENT ANALYSIS IN VARIOUS ENVIRONMENTAL MATRICES MOLECULAR ASSESSMENT OF PERCCOTTUS GLENII INVASIVITY

Brezeanu Gheorghe

STRUCTURAL – FUNCTIONAL UNITY OF DANUBE, BANUBE DELTA AND BLACK SEA

Kolman Ryszard, Khudiy Oleksii, Zubcov Elena

ENDANGERED SPECIES OF STURGEON REQUIRE ACTIVE PROTECTION – RESTITUTION STERLET POPULATION IN THE DNIESTR

Ureche Dorel, Ciorpac Mitica, Luca Monica, Nicuta Daniela, Gorgan Dragos, Lucian

MOLECULAR ASSESSMENT OF PERCCOTTUS GLENII INVASIVITY

Marta Anatolie, Popescul Ovidiu A., Ciorpac Mitica, Toderas Ion, Gorgan Dragos Lucian

GENETIC DIVERSITY OF *COBITIS ELONGATOIDES* INFERRED BY CYTOCHROME B (CYT B) GENE ANALYSIS

Munjiu Oxana, Subernetkii Igor, Railean Nadejda

ON BENTHIC MACROINVERTEBRATES OF THE LAKE BELEU

15²⁰ – 15⁴⁰ – COFFEE BREAK

Papadopol Nicolae C., Curlisca Angelica

THE NORTH AMERICAN BLUE CRAB, *CALLINECTES SAPIDUS* RATHBUN, 1896 (PORTUNIDAE / DECAPODA) HAS A TENDENCY TO BECOME A COMMON SPECIES IN ROMANIAN WATERS

Ungureanu Laurentia, Tumanova Daria, Ungureanu Grigore

STRUCTURE AND FUNCTIONING OF PHYTOPLANKTON IN NISTRU RIVER

Plavan Gabriel, Strungaru Stefan, Nicoara Mircea, Ciobanu Cristian

LEVEL OF Cd, Cu AND Se IN FISH FROM STANCA - COSTEȘTI RESERVOIR

Popescu Ovidiu A., Ciorpac Mitica, Cojocarum Dumitru, Gorgan Dragos Lucian

MOLECULAR PHYLOGENY OF *SCARDINIUS* GENERA INFERRED BY CYTOCHROME C OXIDASE I (COI) GENE ANALYSIS

Surugiu Victor

LEECH FAUNA (CLITELLATA: EUHIRUDINEA) OF ROMANIA: CHECK-LIST AND NEW INFORMATION ON THE TAXONOMY, ECOLOGY AND DISTRIBUTION

14⁰⁰ – 17⁰⁰

SECTION 5. FOREST MANAGEMENT

(Hotel Vila Verde, Grenoble str. 110)

This section is organized jointly with the National Program Advisory Committee (NPAC) of the ENPI FLEG program in Moldova

Moderators:

Capcelea Arcadie – dr. hab., World Bank

Ciobanu Ion – General Director of Agency Moldsilva

Lozan Aurel – dr., IUCN/WB

Talmaci Ion, Proșii Erii, Miron Aliona

ROLE OF FOREST MANAGEMENT PLANNING ON SUSTAINABLE MANAGEMENT OF COMMUNITY FORESTS AND PASTURES

Popa Bogdan, Abrudan Ioan Vasile, Nita Daniel Mihai, Tudoran Gheorghe, Stancioiu Tudor, Borz Alexandru Stelian

EVALUATION OF FOREST ECOSYSTEM SERVICES (FES) IN MOLDOVA

Kazantseva Olga, Andreev Alexei, Munteanu Andrei, Talmaci Ion, Cerescu Andrei, Margineanu Gabriel.

ASSESSMENT OF LOST REVENUES FROM ILLEGAL FOREST PRACTICES

Popa Bogdan, Zubarev Victor, Mosnoi Elena, Lozan Aurel

FOREST DEPENDENCIES OF LOCAL COMMUNITIES IN MOLDOVA

Iliescu Vasile, Macari Arcadie, Lozan Aurel

SHORT ROTATION ENERGY CROPS PROMOTED BY THE STATE FORESTRY ENTERPRISE „TELENESTI”

Levitskaya Alexandra, Galeliuc Andrei, Caciuc Viorica

ECO-FOREST COMMUNICATION AND SOCIAL AWARENESS: FLEG-MOLDSILVA SUCCESSFUL CASE STUDY

15²⁰ – 15⁴⁰ – COFFEE BREAK

Andreev Alexei

MEASURING THE DEPENDENCE OF FAUNAL RICHNESS ON FLORAL RICHNESS

Sfecla Victor, Popa Bogdan

IMPACT OF CLIMATE CHANGE ON FORESTS OF REPUBLIC OF MOLDOVA

Brega Vladimir, Fasola Regina

MAPPING CRITICAL LEVELS AND AIR POLLUTION EFFECTS FOR VEGETATION IN THE REPUBLIC OF MOLDOVA

Gulca Vitalie

COURSE SYLLABUS “THE IMPACT OF CLIMATE CHANGE ON FOREST”

Lozan Aurel, Sfecla Victor

ECOLOGICAL FORESTRY – A LONG-TERM ECONOMIC OPTION FOR MOLDOVA

Capcelea Valeriu

ETHICAL DIMENSION OF ATTITUDES TOWARDS ANIMALS

Lozan Aurel

IS WOOD HARVESTING PRACTICES IN MOLDOVA SUSTAINABLE?

Kazantseva Olga

FEATURES OF CREATION OF THE ENVIRONMENT STABILIZING NETWORK

Wednesday, 12 October 2016

17⁰⁰ – 17³⁰

POSTER SESSION

Institute of Zoology, Academiei str. 1

Moderators:

Kolman Ryszard – dr.hab., professor, Inland Fisheries Institute in Olsztyn, Poland,

Ureche Dorel – dr., ass. professor University ”Vasile Alecsandri”, Bacău, România,;

Popa Luis Ovidiu – Director of National Museum of Natural History „Grigore Antipa”, Bucharest, Romania, dr.;

TERRESTRIAL VERTEBRATES

Bogdanovich Ivan

WINTERING GROUP OF MUTE SWANS (CYGNUS OLOR) IN BREST AND ITS INFLUENCE IN THE MAINTENANCE OF BREEDING POPULATION IN SOUTH-WESTERN PART OF BELARUS REGION

Boronciuc Gheorghe, Balan Ion, Rosca Nicolae, Bucarciuc Melania, Cazacov Iulia, Buzan Vladimir

CONTRIBUTION OF CRYOBIOLOGY IN THE SOLUTION OF PROBLEMS OF PRESERVATION OF ANIMAL BIODIVERSITY

Boronciuc Gheorghe, Balan Ion, Rosca Nicolae, Cazacov Iulia, Didilica Ina, Mereuta Ion
IMPORTANCE OF PRESERVING THE GENE POOL ZOOS

Boronciuc Gheorghe, Balan Ion, Cozari Sergiu, Buzan Vladimir, Zaicenco Nadejda, Rosca Nicolae

BIOTECHNOLOGY OF REPRODUCTION ANIMALS

Caterinciu Natalia, Gheorghita Stela, Burlacu Victoria, Gutu Arcadie, Melnic Vera, Culibacinaia Ecaterina, Nistreanu Victoria, Larion Alina, Cirlig Tatiana
 IMPORTANCE OF SMALL MAMMALS (RODENTIA, INSECTIVORA) AS RESERVOIRS OF
 PATOGEN AGENTS OF ZOOANTHROPONOSIS IN THE REPUBLIC OF MOLDOVA

Gashev Serghei N., Bykova E.A., Mardonova L.B., Mitropolskiy M.G., Stolbov V.A.
 TRENDS OF FAUNA CHANGING IN THE HOLOCENE IN WESTERN SIBERIA

Jhurminsky Serghei
 BIRD FAUNA COMPONENT DEPENDING ON ITS STRUCTURAL ORGANIZATION

Macari Vasile, Pavlicenco Natalia, Rotaru Ana, Putin Victor, Cretu Valentina
 CHANGES OF ALKALINE PHOSPHATASE CONTENT AND ITS FRACTIONS IN BLOOD
 SERUM IN RECONDITIONED QUAILS UNDER THE INFLUENCE OF A LOCAL PRODUCT

Matencu Dumitru, Macari Vasile, Putin Victor, Didoruc Sergiu, Rotaru Ana
 ASSESSMENT OF ENDOTOXICOSIS AND HISTIDINE DIPEPTIDES PARAMETERS
 IN THE DESCENDANTS OF RABBITS TREATED WITH BIOR REMEDY

Molosh A.
 ECOLOGY OF MICROMAMMALS INHABITING THE TERRITORY OF THE STATION OF
 WASTEWATER TREATMENT PLANT OF BEREZA (BELARUS)

**Cobzaru Ioana, Nistreanu Victoria, Gavril Viorel Dumitru, Chisamera Gabriel, Murariu
 Dumitru, Savin Anatolie**
 DISTRIBUTION AND CONSERVATION STATUS OF COMMON HAMSTER (*CRICETUS
 CRICETUS* L., 1758) IN ROMANIA AND REPUBLIC OF MOLDOVA

Samusenko Irina
 RESULTS OF WHITE STORK *CICONIA CICONIA* CENSUS IN BELARUS (2014/15) AND
 MONITORING POPULATION IN KEY BREEDING AREA

Savarin Alexander A., Kitel D. A.
 ABOUT THE FINDINGS OF HAZEL DORMOUSE (*MUSCARDINUS AVELLANARIUS*) IN
 SOUTH-WEST OF BELARUS

Savin Anatol, Grosu Gheorghe, Caisin Valeriu, Nistreanu Victoria
 STRUCTURE, LOCATION AND NUMBER OF WOLF POPULATION IN THE REPUBLIC OF
 MOLDOVA

INVERTEBRATES

Baban Elena, Bacal Svetlana
 CONTRIBUTION TO THE STUDY OF EDAPHIC COLEOPTERA IN THE BOTANICAL
 GARDEN OF THE NATIONAL MUSEUM OF ETHNOGRAPHY AND NATURAL HISTORY OF
 CHIȘINĂU

Castravet Ion
 SOME ECOLOGICAL FEATURES OF THE PARASITISM

**Caterinciu Natalia, Gheorghita Stela, Burlacu Victoria, Gutu Arcadie, Melnic Vera,
 Culibacinaia Ecaterina**
 PRESENT PECUARIITIES OF LYME BORRELIOSIS OUTBREAKCS IN NATURAL AND
 ANTHROPIZED ECOSYSTEMS OF CHIȘINĂU CITY, REPUBLIC OF MOLDOVA

Calestru Livia
 ON BIOTIC RELATIONSHIPS OF LEAF BEETLES (*COLEOPTERA: CHRYSOMELIDAE*)

**Cercel Ilie, Enciu Valeriu, Nafornita Nicolae, Buza Vasile, Tomita Irina, Didoruc Serghei,
 Ciobanu Nicolae**
 STUDY OF THE ANTHELMINTIC EFFECTIVENESS OF THE ALBENDAGED 10% PRODUCT
 AT POLI – PARASITES RUMINANTS

Enciu Valeriu, Cercel Ilie, Nafornita Nicolae, Buza Vasile, Ciobanu Nicolae, Didoruc Serghei, Tomita Irina
 THE EFFECTIVENESS OF IVERMECTIGED 1% TO SOME ECTO- AND ENDO- PARASITOSIS AT SHEEP

Kuharuk Ecaterina, Crivova Olga, Rusnac Veacheslav
 SOIL ANIMALS ADAPTATION TO ANTHROPOGENIC AND CLIMATIC CHANGES

Melnic Maria, Erhan Dumitru, Rusu Stefan, Gherasim Elena, Chihai Nina
 RISK OF USE OF SEED POTATOES INFESTED WITH *DITYLENCHUS DESTRUCTOR* AT INITIAL PHASE OF DITYLECNHOSIS

Mihailov Irina
 STUDY CONTRIBUTIONS OF *OXYPODA ACUMINATA* (STEPHENS, 1832) SPECIES (*STAPHYLINIDAE: ALEOCHARINAE*) FROM REPUBLIC OF MOLDOVA

Moskalik Roman, Gangal Nicolai, Balova Svetlana
 BOVINE LEUKEMIA - "DISEASE OF PARADOXES" AND POSSIBILITIES OF IT EFFECTIVE ABOLITION

Papajova Ingrid, Pipiková J., Sasanelli Nicola, Šoltýs J., Sasáková N.
 MODEL BACTERIAL STRAINS SURVIVAL AND HELMINTHS EGGS VIABILITY IN THE COURSE OF LONG-TERM STORAGE OF PIG SLURRY

Potapov Grigorii
 BUMBLEBEES IN THE EUROPEAN NORTH OF RUSSIA: SOUTHERN IMMIGRANTS AND THEIR PRESENCE IN COMMUNITIES

Renčo Marek, Sasanelli Nicola, Kováčik Peter, Toderas Ion
 NEMATICIDAL POTENTIAL OF VERMICOMPOST MADE BY *EISENIA FETIDA* EARTHWORM ON THE POTATO-CYST NEMATODES

Madyarov Shukhrat
 WORLD WARMING, ENTOMORESOURCES AND SMART TECHNOLOGIES

Tiganas Ana, Coada Viorica, Nedbaliuc Boris, Botnaru Nicolai, Zamornea Maria, Placinta Daniela
 CONTRIBUTIONS TO THE STUDY OF SOME INVERTEBRATE DIVERSITY IN THE PARK "RÎSCANI" CHIȘINAU

Toderas Ion, Erhan Dumitru, Rusu Stefan, Iurcu-Straistaru Elena, Bivol Alexei, Sasanelli Nicola, Toderas Lidia
IN VITRO EFFECT OF ABAMECTIN ON THE CARROT CYST NEMATODE *HETERODERA CAROTAE*

Toderas Ion, Rusu Stefan, Iurcu-Straistaru Elena, Erhan Dumitru, Poiras Nadejda, Bivol Alexei, Sasanelli Nicola, Rusu Vadim
 CONTROL OF THE ROOT-KNOT NEMATODE *MELOIDOGYNE INCOGNITA* BY IVOMEC CONTAINING AN EXAMETABOLITE OF *STREPTOMYCES AVERMITILIS*

Todiras Vladimir, Onofras Leonid, Melnic Maria, Erhan Dumitru, Rusu Stefan, Lungu Angela
 INVESTIGATIONS REGARDING THE INFLUENCE OF BACTERIA FROM RHIZOSPHERE ZONE OF THE PLANTS ON THEIR GROWTH AND DEVELOPMENT AND ON SOME PHYTOPARASITE NEMATODES

Timus Asea M.
 LARGE BEE-FLY – *BOMBYLIUS MAJOR* L. 1758 (DIPTERA, BOMBYLIIDAE) IN THE REPUBLIC OF MOLDOVA

Timus Asea M.
CONOPS QUADRIFASCIATUS GEER 1776 – SPECIES REGISTERED IN 2016 IN THE REPUBLIC OF MOLDOVA

Vovlas Alessio, Santoro Simona, Toderas Ion, Sasanelli Nicola
 LM AND SEM MORPHOPATHOLOGY OF *MELOIDOGYNE JAVANICA* INFECTION SITES IN *CAPSICUM ANNUUM* HYPOCOTYL AND ROOTS

WATER ECOSYSTEMS

Coadă Viorica, Tiganaș Ana, Pelin Olga, Botnaru Nicolai

CONTRIBUTIONS TO THE STUDY OF MOLLUSKS IN FRESHWATER ENVIRONMENT OF ACCUMULATION LAKE VATRA

Crepis Oleg, Usatii Marin, Strugulea Oleg, Usatii Adrian, Rusu Vadim

COMPARATIVE RESEARCH OF THE TENCH BREEDERS REACTION ON THE ENDOGENOUS AND EXOGENOUS STIMULATION OF THE SEXUAL PRODUCTS IN THE INDUSTRIAL AND POND REPRODUCTIVE CONDITIONS

Jurminskaja Olga, Lebedenco Liubovi, Subernetkii Igor

SPECIES DIVERSITY OF THE DNIESTER RIVER ZOOPLANKTON COMMUNITIES IN 2013 - 2015

Ureche Dorel, Ureche Camelia

SPREADING OF *PERCCOTTUS GLENII* DYBOWSKI 1877 (PERCIFORMES, ODONTOBUTIDAE) IN ROMANIAN BASIN OF THE RIVER SIRET

Voicu Roxana-Elena, Ureche Camelia, Ureche Dorel

RESEARCH REGARDING THE STRUCTURE OF BENTHIC MACROINVERTEBRATES COMMUNITIES IN MURES LOWER GORGE (ROMANIA)

Razlutskiy Vladimir, Ungureanu Laurentia, Zubcov Elena, Sysova Elena, Munjiu Oxana, Lebedenko Liubovi, Tumanova Daria, Raylian Nadejda, Alehnovich Anatolii

WETHER INVASIVE BIVALVES CAN CONTROL PHYTOPLANKTON DEVELOPMENT UNDER ELEVATED TEMPERATURES

FOREST MANAGEMENT

Stahi Nadejda, Bulgaru Vladimir, Ersova Elena, Vasiliuc Serghei

EVOLUTION OF *STEREONYCHUS FRAXINI* IN ASH WOODS FROM THE REPUBLIC OF MOLDOVA IN 2015

Savin Anatol, Caisin Valeriu, Nistreanu Victoria, Sitnic Veaceslv, Larion Alina

RADIOTELEMETRY STUDY OF DYNAMICS OF SPATIAL ACTIVITY IN RED DEER (*CERVUS ELAPHUS*) POPULATED IN THE RESERVE „PLAIUL FAGULUI“

Sitnic Veaceslav, Nistreanu Victoria, Savin Anatolie, Larion Alina

STRUCTURE AND DIVERSITY OF THE COMMUNITIES OF SOME SMALL MAMMAL SPECIES IN “PLAIUL FAGULUI” RESERVATION

Tugulea Cristina

CONTRIBUTIONS TO KNOWLEDGE OF THE LEPIDOPTERA ORDER (INSECTA) IN THE FAUNA OF RESERVE "COBILENI"

EXHIBITION „BATS – BETWEEN MITH AND REALITY” (Hall of the Institute of Zoology of ASM)

18⁰⁰ – WELCOME RECEPTION

Thursday, 13 October 2016

09⁰⁰ – 11³⁰

SECTION 1. TERRESTRIAL VERTEBRATES

(Institute of Chemistry, room 349, Academiei str. 3)

Moderators:

Havrylenko Viktor – dr. prof., Biosphere Reserve “Askania Nova”, Ukraine

Mataca Sorina Stefania – dr., Iron Gates Region Museum, Drobeta Turnu Severin, Romania

Lungu-Bucsan Anastasia

CONTRIBUTIONS ON THE ESTABLISHING OF THE OPTIMAL STOCKING PARAMETERS OF THE HATCHING EGGS

Redkozubov Oleg

FAUNA OF REPTILES FROM MIDDLE PLEISTOCENE IN KHIRKA LOCATION

Ursul Silvia, Ajder Vitalie, Petrencu Laurentiu, Baltag Emanuel Stefan

RUDDY SHELDUCK DISTRIBUTION IN THE REPUBLIC OF MOLDOVA

Caraman Natalia, Nistreanu Victoria, Kotenkova Elena

DIVERSITY OF SMALL MAMMALS IN ANTROPIZED FOREST ECOSYSTEMS OF CHISINAU CITY

Caldari Vlad, Nistreanu Victoria, Larion Alina, Andreev Sergiu, Postolachi Vlad, Dibolscaia Natalia

DIVERSITY OF HIBERNATING BAT SPECIES IN WINTER 2015-2016 IN SAHARNA ABANDONED MINES

Dibolscaia Natalia

SPECIES DIVERSITY AND LOCATION OF BATS (MAMMALIA: CHIROPTERA) IN CRICOVA STONE QUARRIES

09⁰⁰ – 11³⁰

SECTION 2. INVERTEBRATES

(Institute of Zoology, room 352, Academiei str. 1)

Moderators:

Dumitru Erhan – dr. hab. prof., Institute of Zoology of ASM

Nicola Sasanelli – dr., prof., University of Agricultural Sciences, Bari, Italy

Elena Iurcu-Straistaru - dr. conf., Institute of Zoology of ASM

Chihai Oleg, Erhan Dumitru, Nina Talambuța, Rusu Stefan, Melnic Galina, Zamornea Maria, Anghel Tudor

EFFICIENCY OF *LEVAMISOLUM* IN PROPHYLAXIS OF POSTVACCINAL IMMUNODEFICIENCIES IN INFECTED BOVINE

Vargovitsh Robert S., Busmachi Galina

DISTRIBUTION OF ARRHOPALITIDAE SPECIES (COLLEMBOLA: SYMPHYPLEONA) IN THE REPUBLIC OF MOLDOVA

Barca Valentin, Nicolae Marilena

CHOROLOGY OF SCOLITANTIDES ORION (PALLAS, 1771) IN ROMANIAN SOUTH DOBROGEA

Gliga Olesca, Cebotari Valentina, Buzu Ion, Postolachi Olga
CORRELATION BETWEEN THE CONCENTRATION OF SAME HEAVY METALS FROM THE ENVIRONMENT AND THE *APIS MELLIFERA* L

Rusu Stefan, Erhan Dumitru, Zamornea Maria, Chihai Oleg, Gherasim Elena, Gologan Ion, Chihai Nina, Anghel Tudor
EXTENSIVITY OF INVASION IN CERVIDS OBSERVED IN THE REPUBLICAN REPRODUCTIVE CENTER OF THE "MÂNDREȘTI" FORESTRY, TELENEȘTI REGION (REPUBLIC OF MOLDOVA)

Stingaci Aurelia
ROLE OF ENTOMOPATOGENIC BIOPESTICIDES IN PROTECTING LEPIDOPTERA DIVERSITY

Cojocaru Olesca, Melnic Rodica, Popa Oxana
LUMBRICIDES ROLE IN THE SOIL FORMATION

Kravchenko Oksana
INFESTED TICKS *IXODES RICINUS* (LINNAEUS, 1758) THE CAUSATIVE AGENTS OF LYME DISEASE IN THE REGION LOWER DNIESTER

Timus Asea M.
MIMICRY, COMMENSALISM, DETRITOPHAGOUS, PREDATORS, MIGRATION AND ALL THESE IN *VOLUCELLA ZONARIA* (PODA 1761) SPECIES

Gherasim Elena, Dumitru Erhan, Cozari Tudor, Rusu Stefan, Munjiu Oxana, Talambuta Nina
FIRST DESCRIPTION OF SPECIES *PLEUROGENOIDES MEDIANS* OLSSON, 1876 IN CONDITIONS OF THE REPUBLIC OF MOLDOVA

Gherasim Elena, Erhan Dumitru, Cozari Tudor, Rusu Stefan, Munjiu Oxana, Talambuta Nina
DESCRIPTION OF SPECIES *PROSOTOCUS CONFUSUS* LOOSS 1894 IN CONDITIONS OF CENTRAL CODRII IN REPUBLIC OF MOLDOVA

Stratan Veniamin
APOIDEA SPECIES (HYMENOPTERA, APOIDEA) CLEPTOPARASITIC SPECIES FROM THE REPUBLIC OF MOLDOVA

Zamornea Maria, Erhan Dumitru, Rusu Stefan, Chihai Oleg, Bondari Lidia, Tiganas Ana, Chihai Nina
MIXED INVASIONS WITH ECTOPARASITES ON PHEASANTS FROM REPUBLIC OF MOLDOVA AND THEIR IMPACT ON HEMATOLOGICAL INDICES

09⁰⁰ – 11³⁰

SECTION 3. WATER ECOSYSTEMS

(Institute of Zoology, room 321, Academiei str. 1)

Moderators:

Zubcov Elena– dr. hab., prof., Institute of Zoology of ASM

Vesnina Lyubov - dr., prof., Altai Scientific Research Institute of Water Bioresources and Aquaculture, Barnaul, Russia

Ureche Dorel– dr., ass. prof., University "Vasile Alecsandri", Bacău, România

Spanos Thomas, Ene Antoanneta

MULTIVARIATE ANALYSIS IN WATER SAMPLES USING INDUCTIVELY COUPLED PLASMA - MASS SPECTROMETRY (ICP-MS)

Zubcov Elena, Zubcov Natalia, Kolman Ryszard, Biletschi Lucia, Ene Antoaneta, Khudiyi Oleksii
IDENTIFICATION OF FISH TOLERANCE – NEW DIRECTION IN AQUACULTURE

Bagrin Nina, Biletschi Lucia

CHEMICAL OXYGEN DEMAND AND ORGANIC MATTER IN THE DNIESTER WATERS

Bulat Denis, Bulat Dumitru, Usatii Marin, Croitoru Ion, Vatavu Dumitru

PARTICULARITIES OF PRUT RIVER ICHTYOFAUNA IN 2016 STUDY YEAR

Bulat Dumitru, Bulat Denis, Fulga Nina, Saptefrati Nicolae, Cebotari Andrei, Dumbraveanu Dorin

PARTICULARITIES OF DNIESTER RIVER ICHTYOFAUNA IN 2016 STUDY YEAR

Bulat Dumitru, Bulat Denis, Fulga Nina, Crepis Oleg, Dadu Ana

COMPARATIVE PARTICULARITIES BETWEEN THE ICHTYOFAUNA OF DNIESTER AND PRUT RIVERS (TERRITORIAL LIMITS OF REPUBLIC OF MOLDOVA)

Domanciuc Vasili, Curcubet Galina

FISHERIES BIOLOGICAL ASSESSMENT OF A NEW HETEROZYGOUS LINE OF SMALL SCALE CARP

Lebedenco Liubovi

QUALITY OF DNIESTER RIVER ACCORDING TO ZOOPLANKTON INDICES DURING 2012-2015

Samargiu Manuela Diana, Filimon Adrian, Ureche Dorel

DATA REGARDING BENTHIC INVERTEBRATES POPULATIONS AS POSSIBLE FOOD RESOURCES FOR THE ICHTHYOFAUNA INHABITING THE MIDDLE SECTOR OF THE SIRET RIVER

Stache Alexandru B., Ciorpac Mitica, Popescul Ovidiu A., Gorgan Lucian D.

DYNAMICS OF CYTOCHROME B AND MHC CLASS II GENES OF *CARASSIUS GIBELIO* SPECIES CORRELATED WITH THE SPECIFIC LIFE ENVIRONMENT

Subernetkii Igor, Negru Maria, Jurminskaia Olga

TROPHICITY ASSESSMENT OF THE DNIESTER RIVER BASED ON MICROBIOLOGICAL PARAMETERS

Tumanova Daria

PHYTOPLANKTON SPECIES – INDICATORS OF WATER QUALITY IN DUBĂSARI RESERVOIR

09⁰⁰ – 11³⁰

SECTION 5. FOREST MANAGEMENT

(Hotel Vila Verde, Grenoble str. 110)

Moderators:

Capcelea Arcadie – dr.hab., World Bank

Lozan Aurel– dr., IUCN/WB

Galupa Dumitru– dr., Forest Research and Management Institute

Capcelea Arcadie, Cojocaru Mircea

INTEGRATING CLIMATE CHANGE IN ENVIRONMENTAL ASSESSMENT IN MOLDOVA.

Mihailov Irina

ROVE BEETLES PREDATORY FROM *ONTHOLESTES* GANGLBAUER, 1895 GENUS (*COLEOPTERA*, *STAPHYLINIDAE*, *STAPHYLININAE*): THE IMPORTANCE AND DISTRIBUTION IN VARIOUS BIOTOPES FROM REPUBLIC OF MOLDOVA

Toderas Ion, Plop Larisa, Cozari Tudor

TERRITORIAL BEHAVIOR STRATEGIES OF THE COMMON NEWT MALE (*TRITURUS VULGARIS* L.) IN THE ECOSYSTEMS OF CENTRAL FOREST

Cozari Tudor, Plop Larisa, Toderas Ion

REPRODUCTIVE SUCCESS OF COMMON NEWT POPULATION (*TRITURUS VULGARIS L.*) IN THE CENTRAL FOREST ("CODRII" RESERVATION)

Plop Larisa, Cozari Tudor, Toderas Ion, Rusu Vadim

DEVELOPMENT AND LARVAL GROWTH RATE PARTICULARITIES OF SPECIES *TRITURUS VULGARIS* IN THE ECOSYSTEMS OF RESERVATION "CODRII"

Ungureanu Laurentia, Baban Elena, Titica Ghenadie, Nistreanu Victoria, Bogdea Larisa, Rotaru Alexandru

RARE SPECIES OF PLANTS AND ANIMALS IDENTIFIED ON THE TERRITORY OF SOROCA AND STEFAN VODA DISTRICTS FROM MOLDOVA

12⁰⁰-12³⁰ – Discussions, conclusion and closing remarks

13⁰⁰-14⁰⁰ – Lunch (Crizantema Café)

14⁰⁰-18⁰⁰ – Excursion

1. Business and Tourism Center "CRICOVA – VIN" J.S.C (50 Eur x 1 pers) www.cricovavin.md
2. Archeological complex „Orheiul Vechi” (15 Eur x 1 pers) www.orhei.dnt.md

14⁰⁰-18⁰⁰ – FLEG field trip to the National Park Orhei

For the section "Forest Management", ENPI FLEG organizes a comparative study trip to forest ecosystems managed by Agency Moldsilva (State Forest Enterprise Orhei), forest vegetation managed by local public authorities (communities Codreanca in Straseni district, and community Seliste in Orhei district), and a private oak forest plantation (near Ivancea village, Orhei district), as well as to core areas of the Old-Orhei natural historical site.

MAP OF CONFERENCE ACTIVITIES

