

INTERNATIONAL SCIENTIFIC COMMITTEE

Gheorghe Duca – academician, president of Academy of Sciences of Moldova (president);

Ion Toderaş – dr. hab., academician director of Institute of Zoology (co-president);

Dumitru Murariu – corresponding member of Romanian Academy, director of National Museum of Natural History „Grigore Antipa”, Bucharest, Romania (co-president);

Gheorghe Şalaru – dr., Minister, Ministry of Environment of the Republic of Moldova;

Capcelea Arcadie – dr., World Bank, SUA;

Marian Traian Gomoiu – corresponding member of Romanian Academy, University Ovidius, Constanţa, Romania;

Mihail Nichiforov – corresponding member, director of Scientific-Practical Centre on Bioresources of National Academy of Sciences of Belarus;

Victor Romanenco – academician, director of Institute of Hydrobiology of National Academy of Sciences of Ukraine;

Vesnina Liubovi - dr., professor, director of Altai Scientific Research Institute of Water Bioresources and Aquaculture, Barnaul, Russia;

Laszlo Varadi – dr., professor, Institute of Aquaculture, Fishery and Irrigation, Hungary;

Dan Munteanu – corresponding member of Romanian Academy, president of Committee for protection of Nature Monuments within Romanian Academy, Romania;

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

Ionel Andriescu – dr., prof. „Al.I. Cuza” University, Iasi, Romania;

Miron Liviu – dr., prof., dean of Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine «Ion Ionescu de la Brad», Iasi, Romania;

Nicoară Mircea Nicuşor - dr., prof., dean of Faculty of Biology, „Al.I. Cuza” University, Iaşi, Romania;

Cozma Vasile - academician, Faculty of Veterinary Medicine, University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Romania;

Chimişliu Cornelia - dr., Department of Natural Sciences of Oltenia Museum Craiova, Romania.

LOCAL ORGANIZING COMMITTEE

Toderaş Ion – dr. hab., academician, director, (president)

Ungureanu Laurenția – dr. hab, prof., vice-director on scientific problems, (co-president)

Calestru Livia – dr., ass. professor, scientific secretary

Munteanu Andrei – dr., professor

Derjanschi Valeriu – dr. hab., professor

Zubcov Elena – dr. hab. professor

Erhan Dumitru – dr. hab. professor

David Anatolie – dr. hab. professor

Usatîi Marin – dr. hab., ass. professor

Nistoreanu Victoria – dr., ass. professor (responsible secretary)

Cebotari Valentina – dr.

Rusu Ştefan – dr., ass. professor

Chihai Oleg – dr., ass. professor

Baban Elena – dr., ass. professor

ACKNOWLEDGEMENTS

The Organizing Committee of International Conference of Zoologists “Actual problems of protection and sustainable use of the animal world diversity” is grateful for financial assistance provided by:

- **Cross Border Cooperation Program Romania-Ukraine-Republic of Moldova supported by European Union**
- **GLOBAL BIOMARKETING GROUP-MOLDOVA**
- **Other institutions and individuals contributing to the successful organization of the event**

PROGRAM

Thursday, 10 October 2013

08⁰⁰ – 10⁰⁰ – Registration of participants (ASM, bd. Ștefan cel Mare 1)

**10⁰⁰ – 10³⁰ – Official opening of the Conference (Azure room of AȘM)
Official opening and Welcoming speeches (5 min.)**

10³⁰ – 12³⁰ – Plenary presentations (20 min) (Azure Room of AȘM)

Dumitru Murariu

THE BIODIVERSITY EPOS

Dan Munteanu

RECENT CHANGES IN THE STRUCTURE OF THE ROMANIAN BIRD FAUNA

Laszlo Varadi

SUSTAINABLE USE OF AQUATIC ANIMAL RESOURCES

Marian-Traian Gomoiu

HISTORICAL FILES FROM THE BOOK OF BIODIVERSITY

Gheorghe Mustata

SPECIES LIKE A SWARM OF SWARMS IN THE INTERRELATIONS ESTABLISHED WITH OTHER SPECIES

Arcadie Capcelea

ENVIRONMENTAL MANAGEMENT – METHODOLOGICAL ISSUES AND ITS CHALLENGES IN THE REPUBLIC OF MOLDOVA

Vasile Cozma

GENETIC VARIABILITY WITHIN DIFFERENT FOOD PARASITES STRAINS AND GENOTYPES IN GEO-CLIMATE CONDITIONS FROM ROMANIA

12³⁰-14⁰⁰ – Lunch

14⁰⁰ – 17⁰⁰ – Works on section

17⁰⁰ – 17³⁰ – Poster session (Institute of Zoology, Academiei str. 1)

18⁰⁰ – Welcome reception “Vila Verde” Restaurant

Thursday, 10 October 2013

14⁰⁰ – 17⁰⁰

SECTION 1. TERRESTRIAL VERTEBRATES

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

Moderators:

Dumitru Murariu – dr. member of Romanian Academy, “Grigore Antipa” National Museum of Natural History

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

Oral Presentations (10 min)

Borowski Zbigniew

MECHANICAL GRASS CUTTING, HABITAT FRAGMENTATION AND SMALL MAMMAL POPULATION DYNAMICS ON WETLANDS

Cârlig Veaceslav, Nedbaliuc Boris, Chiriac Eugenia, Cârlig Tatiana, Coadă Viorica, Pelin Ana

NATURAL AREA BIODIVERSITY RESEARCH OF THE LOWER COURSE BASIN OF ICHEL RIVER

Bogdea Larisa, Cojan Constantin, Gache Carmen, Munteanu Andrei, Zubcov Nicolai

ECOLOGICAL ASPECTS REGARDING THE MATING AND NESTING PERIODS OF GREAT CORMORANT (*PHALACROCORAX CARBO*) IN THE LOWER PRUT RIVER

Burlacu Victoria, Gheorghita Stela, Caraman Natalia, Nistoreanu Victoria, Larion Alina, Cirlig Tatiana

FAUNISTIC AND ECOLOGICAL PECULIARITIES OF SMALL MAMMAL RESERVOIR SPECIES IN THE NORTHERN ZONE OF THE REPUBLIC OF MOLDOVA

Caraman Natalia, Nistoreanu Victoria, Larion Alina, Burlacu Victoria, Cirlig Veaceslav

DEMOGRAPHIC STRUCTURE OF SMALL RODENT POPULATIONS FROM URBAN ECOSYSTEMS OF CHISINAU CITY, REPUBLIC OF MOLDOVA

Chihai Oleg, Romashov Boris, Romashova Natalia, Nistoreanu Victoria, Larion Alina, Erhan Dumitru, Talambuță Nina, Rusu Ștefan, Savin

Anatolie, Sitnic Veaceslav

ECOLOGICAL FEATURES AND DIVERSITY OF HELMINTH FAUNA OF HOST SPECIES *APODEMUS FLAVICOLLIS* IN REPUBLIC OF MOLDOVA

Cozari Tudor, Gherasim Elena, Rusu Vadim

PHENOLOGY OF REPRODUCTION OF THE GREEN RANIDS IN THE ECOSYSTEMS OF CODRII CENTRALI IN REPUBLIC OF MOLDOVA

Cozari Tudor, Popl Larisa, Jalbă Liliana Gherasim Elena, Silitrari Andrei
 ECOLOGICAL PARTICULARITIES OF THE *BUFO BUFO* POPULATION REPRODUCTION IN THE ECOSYSTEMS OF "CODRII" REZERVATION

Gil Wojciech, Pudełko Marek

DAMAGE CAUSED BY ANIMALS IN RELATIONSHIP WITH FOREST STAND CHARACTERISTICS IN POLAND

Glushtsov Alexei

STATE CADASTRE OF THE ANIMAL WORLD OF THE REPUBLIC OF BELARUS

14⁰⁰ – 17⁰⁰

SECTION 2. INVERTEBRATES

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

Moderators:

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

Valeriu Derjanschi – dr. hab. prof., Institute of Zoology of A.S.M.

Andreev Alexei, Stratan Veniamin, Gargalic Svetlana

APOIDEA OF MOLDOVA IN THE CONTEXTS OF CLIMATE CHANGE AND LANDSCAPE DEGRADATION

Baban Elena

THE DIVERSITY OF COLEOPTERAS (COLEOPTERA: CARABIDAE, SILPHIDAE, SACARABIDAE CERAMBYCIDAE) FROM THE FOREST ECOSYSTEMS OF CENTRAL MOLDAVIAN PLATEAU

Bacal Svetlana, Munteanu Natalia, Moldovan Anna

OCCURRENCE OF EPIGEIC BEETLES (COLEOPTERA) IN ALFALFA CROPS AND ADJACENT FOREST STRIPS IN THE REPUBLIC OF MOLDOVA

Calestru Livia

DIVERSITY OF THE LEAF BEETLES (COLEOPTERA, CHRYSOMELIDAE) IN THE REPUBLIC OF MOLDOVA

Calestru Livia

LEAF BEETLE BIODIVERSITY (COLEOPTERA, CHRYSOMELIDAE) ON CENTRAL MOLDAVIAN PLATEAU

Cebotari Valentina, Toderas Ion, Buzu Ion, Postolachi Olga

INVASION OF *VARROA JACOBSONI* PARASITE IN *APIS MELLIFERA* CARPATICA BEE COLONIES

Cebotari Valentina, Buzu Ion, Toderici Valeriu

THE AGE INFLUENCE OF WORKING BEES FROM MATING NUCLEI, ON THE QUEENS ACCEPTANCE AND MATING EFFICIENCY

Chihai Oleg, Erhan Dumitru, Talambuța Nina, Rusu Ștefan, Melnic Galina, Zamornea Maria

IMMUNE POSTVACCINAL INTENSITY IN THE PREGNANT CATTLE, POLYPARASITATED AND TREATED AGAINST PARASITES

Cojan Mariana

LIFE CICLE AND EPIDEMIOLOGICAL ASPECTS OF TOXOCARA

Cojan Constantin, Cojan Mariana

BIOLOGICAL, SEROLOGICAL AND EPIDEMIOLOGICAL SURVEY FOR TOXOCARA CANIS INFECTION IN THE SOUTH PART OF MOLDOVA

Derjanschi Valeriu

FIRST RECORD OF AROCATUS LONGICEPS STÁL (HETROPTERA, LYGAEIDAE) FOR THE REPUBLIC OF MOLDOVA

Derjanschi Valeriu, Elisovețcaia Dina

PREDATORY SHIELD BUG PERILLUS BIOCULATUS F. (HEMIPTERA, PENTATOMIDAE) IN THE REPUBLIC OF MOLDOVA: ACCLIMATIZATION OR NATURAL COLONIZATION?

Elisovetskaya Dina, Nastas Tudor, Eliseev Serghei

ENTOMOLOGICAL ASSESSMENT OF THE EFFECT OF PLANT EXTRACTS ON BENEFICIAL ORGANISMS IN POTATO AGROECOSYSTEM

Erhan Dumitru, Rusu Ștefan, Zamornea Maria, Chihai Oleg, Cilipic Grigore

DATA ON INFESTATION OF BISON (*BISON BONASUS*, LINNAEUS, 1758) AND DOMESTIC ANIMALS FROM THE NEIGHBOR AREA OF THE RESERVED FOREST "PĂDUREA DOMNEASCĂ"

Frolov Artyom A. & Bolotov Ivan N.

MOLECULAR PHYLOGENY AND PROBLEM OF CRYPTIC SPECIES IN PARNASSIUS (LEPIDOPTERA: PAPILIONIDAE) BUTTERFLIES: A CLUSTER NETWORK APPROACH

Gavrilița Lidia

TRICHOGRAMMA EMBRYOPHAGUM Htg. APPLICATION IN DENSITY CONTROL OF THE PLUMS' WORM PEST (GRAPHOLITHA FUMEBRANA Tr.) AT PLUM TREES

Hacina Cristina, Derjanschi Valeriu

FAUNA DIVERSITY OF THE DIURNAL BUTTERFLIES (LEPIDOPTERA, RHOPALOCERA) FROM THE NATURAL FOREST RESERVE «COBILENI»

Kulikova Ludmila

MITES OF TREES FROM NATURE RESERVES OF THE REPUBLIC OF MOLDOVA

Kulikova Ludmila

FAUNA MITES OF CUCURBITA PEPO VAR. GIROMONTINA

14⁰⁰ – 17⁰⁰

SECTION 3. WATER ECOSYSTEMS: METHODOLOGY OF INVESTIGATION, MONITORING, EVALUATION OF THREATS, AND ASSESSMENT OF RISKS

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

Moderators:

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

Marian-Traian Gomoiu – dr. prof., R & D National Research Institute for Marine Geology and Geoecology – GeoEcoMar

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

Bagrin Nina, Borodin Natalia

DYNAMICS OF MINERALIZATION AND MAIN IONS IN WATERS OF THE LOWER PRUT

Borodin Natalia, Bagrin Nina, Bogonin Zinaida

NUTRIENTS IN WATERS OF THE PRUT RIVER, LOWER SECTOR

Bulat Dumitru, Bulat Denis, Toderaş Ion, Zubcov Elena, Rusu Vadim

ACTUAL PISCICOLOUS ZONING OF PRUT RIVER AND ITS DETERMINANT FACTORS

Bulat Denis, Bulat Dumitru, Ion Toderaş, Usatâi Marin, Nina Fulga, Rusu Vadim

INVASIVE POTENTIAL OF FISH SPECIES FROM AQUATIC ECOSYSTEMS OF REPUBLIC OF MOLDOVA

Cepoi Liliana, Rudi Ludmila, Chiriac Tatiana, Miscu Vera, Ghelbet

Viorica, Guţu Tatiana, Sadovnic Daniela, Rudic Valeriu

RED MICROALGAE *PORPHYRIDIUM CRUENTUM* – MARKER OF NANOPARTICLE TOXICITY

Chiorean Adriana, Papadopol Nicolae C., Dumitrescu Elena

THE MAIN DISEASES OF THE SPECIES *ANCISTRUS BREVIPINNIS* (REGAN, 1904) AND *CORYDORAS AENEUS* (GILL, 1858), FORM LORICARIIDAE AND CALLICHTHYIDAE FAMILIES IN CAPTIVITY, THEIR PREVENTION AND TREATMENT

Coadă Viorica, Pelin Ana

PRELIMINARY SURVEY OF THE MOLLUSCS (MOLLUSCA, GASTROPODA, BIVALVIA) FROM THE LOWER BASIN COURSE OF THE ICHEL RIVER

Crepis Oleg, Usatîi Marin, Strugulia Oleg, Usatîi Adrian, Cebanu Aurel, Bodean Anatol

VARIATIONS IN THE FISH POPULATION DENSITY IN THE PROCESS OF ECOLOGICAL SUCCESSION OF THE KUCHURGAN RESERVOIR

Curlișcă Angelica, Papadopol Nicolae C., Dumitrescu Elena, Bîlbă Adrian

DATA REGARDING PARASITE INFESTATION OF OCEANIC FISH SPECIES USED IN MARINE MAMMAL DIET IN CONSTANTA DOLPHINARIUM

Ene Antoaneta, Munteanu Viorel

ASSESSMENT OF WATER QUALITY IN LOWER DANUBE REGION

Fulga Nina, Bulat Dumitru, Bulat Denis, Railea Nadejda, Dumbraveanu Dorin

CHARACTERISTICS OF GONADS IN MATURE FEMALES OF SANDER LUCIOPERCA (L.) FROM COSTESTI-STANCA RESERVOIR IN THE PERIOD OF REPRODUCTIVE CYCLE

Jurminskaia Olga, Bagrin Nina, Borodin Natalia, Bogonin Zinaida, Niculita Svetlana

PHYSICO-CHEMICAL PARAMETERS AND BIOCHEMICAL CONSUMPTION OF OXYGEN IN WATERS OF THE PRUT RIVER

Kornienko V.O., Pilipenko Yu.V., Plugatariov V.A., Moshniagul K.I.

THE WAYS OF RESTORATION OF QUANTITY OF RARE AND DISAPPEARING STURGEON OF THE DNIEPER - BUG ESTUARY ECOSYSTEM

14⁰⁰ – 17⁰⁰

SECTION 4. PALAEOZOOLOGY

(Institute of Zoology, Museum of Palaeozoology, Academiei str. 1)

Moderators:

Anatolie David – dr. prof., Institute of Zoology of A.S.M.

Afanasie Prepelîță – dr., Tiraspol State University, Chișinău, Republic of Moldova

David Anatolie, Pascari Viorica, Rusu Viorelia

MAMMALS SCHELETON REMAINS FROM THE ENEOLITIC (TRIPOLIAN) SETTLEMENT IABLONA I

Markova E.A., Sibiryakov P.A., Trofimova S.S.

TOOTH-WEAR PATTERNS IN EXTANT POPULATIONS OF *MICROTUS ARVALIS OBSCURUS* (ARVICOLIONAE, RODENTIA) AND THEIR RELATION TO AGE AND DIET

Prepelîța Afanasie

THE ECOLOGY OF THE TERRESTRIAL GASTROPODS COMMUNITIES FROM THE PALEOLITHIC PERIOD IN THE NISTRU RIVER MIDDLE COURSE (MOLODOVA V)

Pascari Viorica

MARMOT BONES BOBAC MULLER, 1776, IN THE NORTH OF THE REPUBLIC OF MOLDOVA

Thursday, 10 October 2013

17⁰⁰ – 17³⁰

POSTER SESSION

Institute of Zoology, Academiei str. 1

TERRESTRIAL VERTEBRATES

Arcan Viorica

THE DIVERSITY OF THE AVIFAUNA OF THE BOTANICAL GARDEN GALATI (GALATI COUNTY, ROMANIA)

Balanescu Sava

THE DYNAMICS OF IMMUNOGLOBULINS IN PREGNANT SOWS DURING LACTATION UNDER THE ACTION OF ORGANIC SELENIUM (SEL-PLEX)

Cemirtan Nelli, Nistoreanu Victoria, Larion Alina, Sitnic Veaceslav

ON THE CONSERVATIVENESS OF ORIENTATION-EXPLORATORY BEHAVIOR OF RODENTS

Cojocaru Olesia, Kuharuk Ecaterina

ROLE OF ANIMALS FOR SOILS AND IN THE PROCESS OF SOIL FORMATION

Druică Radu, Dragoş Lucian Gorgan, Răzvan Deju, Sebastian Cătănoiu

PHYLOGENY AND GENETIC VARIATION OF THE EUROPEAN BISON *BISON BONASUS* BASED ON MITOCHONDRIAL CYT B, COX I AND D-LOOP BARCODING GENES

Gavrylyuk S.V., Selyunina Z.V.

HERPETOFAUNA OF THE ISLAND ECOSYSTEMS NORTHWESTERN PART OF THE BLACK SEA

Gulakov Andrey

ACCUMULATION ¹³⁷CS IN AN ORGANISM OF THE WILD BOAR

Gulakov Andrey

DISTRIBUTION OF ¹³⁷CS IN THE BODY OF THE WILD BOAR (*SUS SCROFA* L.) FOUND ON THE TERRITORY WITH RADIOACTIVE CONTAMINATION

Jalbă Liliana, Tudor Cozari, Larisa Plop, Gherasim Elena, Rusu Vadim

EVOLUTIONARY ECOLOGICAL FEATURES OF THE REPRODUCTIVE STRATEGIES OF THE CAUDATE AND ECAUDATE AMPHIBIANS IN THE ECOSYSTEMS OF THE CENTRAL FOREST

Jurminsky S.

ABOUT FAUNA OF DABBING DUCKS OF MOLDOVA

Kryštufek Boris

PROCESS AND PATTERN IN SMALL MAMMAL DIVERSITY ON THE CONTACT POINT BETWEEN SOUTHEASTERN EUROPE AND ASIA MINOR

Larion Alina, Nisteanu Victoria, Sîtnic V., Savin A.

INFLUENCE OF CLIMATIC CONDITIONS UPON THE ABUNDANCE DYNAMICS OF *MUS SPICILEGUS* PETENYI 1882 SPECIES (RODENTIA, MURIDAE) IN THE REPUBLIC OF MOLDOVA

Macari Ana, Putin Victor, Macari Vasile, Gudumac Valentin

THE EFFECTS OF THE BIOR REMEDY ON CERTAIN PARAMETERS OF ENDOTOXICOSIS AND HISTIDINE DIPEPTIDES IN BROILERS TREATED WITH BIOR STARTING WITH THE 9TH DAY OF LIFE

Macari V., Pavlicenco N., Macari A., Băţ V.

THE CHANGES OF CERTAIN PARAMETERS OF THE PROTEIN METABOLISM IN BLOOD SERUM IN QUAILS UNDER THE INFLUENCE OF AN AUTOCHTHON BIOACTIVE REMEDY

Macari V., Iacob N., Maţencu D., Macari A., Didoruc S.

THE IMPACT OF THE BIOR REMEDY ON THE SERUM BILIRUBIN AND ITS FRACTIONS IN YOUNG RABBITS

Markov Georgi Georgiev

DISTRIBUTION AND NUMBERS OF WOLVES (*CANIS LUPUS*) IN BULGARIA: WHAT IS GOING ON?

Moskalik Roman, Gangal Nicolae, Balov Svetlana

THE ROLE OF ANTHROPOGENIC FACTOR IN THE BOVINE LEUKEMIA SPREAD AND ERADICATION

Özkurt Sakir Önder, Kandemir İrfan, Rçolak Eyhan, Çolak Ercüment

DISTRIBUTION, KARYOLOGY AND GENETICS OF *MUSTELA NIVALIS* LINNAEUS, 1766 (MAMMALIA: CARNIVORA) IN TURKEY

Plop Larisa, Cozari Tudor, Jalbă Liliana, Silitrari Andrei

DIMENSIONAL AND AGE STRUCTURES ANALYSIS OF THE COMMON NEWT BREEDERS (*TRITURUS VULGARIS* L.) IN ECOSYSTEMS OF "CODRII" RESERVATION

Postolachi Vlad

BIOCENOTIC RELATIONS OF COMMON VIPER (*VIPERA BERUS*) IN CONDITIONS OF REPUBLIC OF MOLDOVA

Savarin A.

ABOUT VARIABILITY OF OS BREGMATICUM IN THE SKULL OF THE NORTHERN WHITE-BREADED HEDGEHOG INHABITING THE TERRITORY OF BELARUS

Savin A., Nisteanu Victoria, Munteanu A., Ţurcanu V., Sâtnic V.,**Larion Alina**

ROLE OF TERRESTRIAL VERTEBRATES IN NUMBER REGULATION OF PESTS IN AGRARIAN ECOSYSTEMS OF CENTRAL ZONE OF MOLDOVA

Savin Anatolie

RADIUS OF REPRODUCTIVE ACTIVITY AND ITS IMPORTANCE IN THE MINIMUM VIABLE POPULATION PARAMETERS DETERMINATION IN *LEPUS EUROPAEUS* PALLAS

Sîtnic Veaceslav, Nistreanu Victoria, Savin, Anatolie, Larion Alina
INTERPOPULATION AND INTERSPECIFIC RIVAL RELATIONS OF
MICROMAMMALIAN SPECIES

Sîtnic Veaceslav, Nistreanu Victoria, Savin, Anatolie, Larion Alina
REGULATION OF THE POPULATION NUMBER OF *MICROTUS AR-*
VALIS (RODENTIA, CRICETIDAE) SPECIES IN THE REPUBLIC OF
MOLDOVA

Sobol Olga
FEATURES OF THE *FELIS SILVESTRIS CATUS* (CAT DOMESTIC)
POPULATION DYNAMICS IN THE PARK SYSTEM CONDITIONS OF
KHERSON

Sochircă Natalia, Bogdea Larisa, Crudu Vasile, Cojan Constantin
BIRD COMMUNITIES FROM URBAN AND ANTHROPOGENIC BIO-
TOPES

Țibuleac T., Calvo J. F.
DISTRIBUTION OF BIRDS IN SIERRA MORENA MOUNTAINS (SPAIN)

Zaitseva Diana
THE EFFECTS OF *CHLORELLA* SUSPENSION ON THE BIOPRO-
DUCTIVE AND HEMATOLOGICAL PARAMETERS IN BROILER
CHICKENS

Zaitceva Diana, Bălănescu Sava
THE ACTION OF ORGANIC SELENIUM (SEL-PLEX) ON PRO-AND
ANTIOXIDANT STATUS OF BROILERS

INVERTEBRATES

Andreev Nadejda, Toderăș Ion, Zubcov Elena
MORFOLOGICAL VARIATION OF *HELIX POMATIA* L. IN MOLDOVA

Bușmachi Galina, Bacal Svetlana
SPECIES DIVERSITY OF COLLEMBOLA AND COLEOPTERA FROM
THE ECOSYSTEMS OF ORHEIUL VECHI HISTORICAL COMPLEX

Bușmachi Galina, Weiner Wanda Maria, Ciucă Andrei
NEW RECORDS OF COLLEMBOLA FROM THE GUMALAU SCIENTIFIC
RESERVE

Gluga Olesea
SOME ASPECTS OF PROPOLIS CONTAMINATION

Iazlovețchi Igor, Sumencova Victoria
A NEW INVASIVE SPECIES IN THE REPUBLIC OF MOLDOVA: MULTI-
COLORED ASIAN LADYBIRD *HARMONIA AXYSII* PALLAS (COLE-
OPTERA: COCCINELLIDAE)

Iordosopol Elena
ENTOMOFAGOUS AND ACARIFAGOUS PREDATORS MITE PESTS
IN PLANTATION OF PEACHES IN REPUBLICA OF MOLDOVA

Kuharuk Ecaterina, Burghilea A., Cojocaru Olesia, Rusnac V., Panus A., Veliscu A.

INSECTS - THE BEST OF SOILS MELIORATORS

Lungu Vera

THE STUDY OF EVALUATION OF THE INFORMATIONAL LEVEL OF POPULATION ABOUT THE INVASION WITH *E. GRANULOSUS*

Madyarov Shukhrat

BIOCONTROL STRATEGY OF SMALLER MULBERRY PYRALID *GLYPHODES PYLOALIS* WLK. IN IPM SYSTEM

Neculiseanu Zaharia

CARABID BEETLES (COLEOPTERA: CARABIDAE) DIVERSITY AND SEASONAL ABUNDANCE IN TWO NATURAL HABITATS OF JAMAICA BAY WILDLIFE REFUGE

Neculiseanu Zaharia

INVASIVE CARABIDS AND STAPHYLINIDS (COLEOPTERA: CARABIDAE, STAPHYLINIDAE) OCCURRING IN JAMAICA BAY WILDLIFE REFUGE

Onofraş L., Iacobuta M., Vozian V., Todiraş V., Prisacari S., Mohova T., Lungu A.

RECEPTIVITY OF SOME APPROVED SOYBEAN CULTURES TO THE TREATMENT WITH NODOSITY BACTERIA

Rusnac Veaceslav, Cojocaru Olesia, Kuharuk Ecaterina

THE ROLE OF EARTHWORMS IN SOIL FORMATION PROCESSES

Timuş Asea, Stahi Nadejda

THE ACCLIMATIZATION AND TROPHIC SPECTRUM OF *HARMONIA AXYRIDIS* IN THE REPUBLIC OF MOLDOVA

Timuş Asea, Stahi Nadejda

STUDY CONTRIBUTIONS REGARDING FORMS OF *HARMONIA AXYRIDIS* IN THE REPUBLIC OF MOLDOVA

WATER ECOSYSTEMS: METHODOLOGY OF INVESTIGATION, MONITORING, EVALUATION OF THREATS, AND ASSESSMENT OF RISKS

Ciorpac Mitićă, Ion Constantin, Gorgan Dragoş Lucian

PRELIMINARY CONSIDERATIONS REGARDING BIOGEOGRAPHY AND PHYLOGENY OF *ACROCEPHALUS* GENERA INFERRED BY MTDNA ANALYSIS

Craciun Nicolae, Davideanu Grigore

HYDROBIOLOGICAL RESEARCH ON HABITATS FROM THE UPPER HYDROGRAPHIC BASIN OF THE RIVER DAMBOVITA

Ungureanu Laurenția, Tumanova Daria, Ungureanu Grigore, Melniciuc Cristina

DIVERSITY AND PHYTOPLANKTON FUNCTIONING IN THE CUCI-URGAN RESERVOIR

Dadu Ana

GRASS CARP AND OTHER PHYTOPHAGOUS SPECIES OF FISH IN FISHING RESERVOIRS

Luca Monica, Rau Marius-Andrei, Gorgan Dragoș Lucian

PERCCOTTUS GLENII - A POSSIBLE THREAT FOR THE FRESH WATER ECOSYSTEMS

Miron Ionel, Miron Manuela, Miron Liviu

THE BIOMANIPULATION OF AN ANTHROPIC LACUSTRINE ECOSYSTEM CASE STUDY : BICAZ RESERVOIR

Pishchenko Yelena Vitalyevna, Moruzi Irina Vladimirovna

MICROEVOLUTION OF THE ALTAY MIRROR CARP AT SELECTION

Rudic Valeriu, Cecal Alexandru, Cepoi Liliana, Rudi Ludmila, Chiriac

Tatiana, Miscu Vera, Ghelbet Viorica, Djur Svetlana, Iațco Iulia

BIOACCUMULATION AND RECOVERING METAL MICROCOMPONENTS FROM SLURRY RESULTING OF SOLUBILIZE ALKALINE OF URANIUM ORE, WITH THE HELP OF NOSTOC LINCKIA CYANOBACTERIA AND PORPHYRIDIUM CRUENTUM MICRALGAE

Rudic Valeriu, Djur Svetlana, Cepoi Liliana, Chiriac Tatiana, Rudi

Ludmila, Miscu Vera, Iațco Iulia, Bogdevici Oleg, Izmailova Daria

ACTION OF SELENIUM COMPOUNDS ON GROWTH AND PRODUCTIVITY OF SPHIRULINA PLATENSIS AND THE LEVEL OF ACCUMULATION OF THIS ELEMENT IN THE BIOMASS

Vition Pantelei

STRUCTURE OF AQUATIC OLIGOCHAETA FROM AQUATIC ECOSYSTEMS

18⁰⁰ – WELCOME RECEPTION

Friday, 11 October 2013

9⁰⁰ – 11³⁰

SECTION 1. TERRESTRIAL VERTEBRATES

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

Moderators:

Dan Munteanu – dr. prof., Romanian Academy

Gil Wojciech – dr. Forest Research Institute, Raszyn, Poland

Nistoreanu Victoria – dr. Institute of Zoology, ASM

Yalkovskaya Lidia E., Davydova Ylia A.

CHROMOSOME INSTABILITY IN DYNAMIC POPULATION OF THE BANK VOLE (CLETHRIONOMYS, ARVICOLINAE, RODENTIA) FROM THE MIDDLE URALS

Zubcov Nicolai, Munteanu Andrei, Crudu Vasile, Bogdea Larisa, Sochircă Natalia

ON THE STATE OF RARE AND ENDANGERED SPECIES OF PREY BIRDS IN MOLDOVA

Munteanu Andrei, Bogdea Larisa, Buciuceanu Ludmila, Ceban Alin, Zubcov Nicolai

CONTRIBUTIONS OF STUDYING THE NESTING OF COLLARED FLY-CATCHER (*FICEDULA ALBICOLLIS*) IN THE CENTRAL CODRII

Nistoreanu Victoria, Caldari Vlad, Andreev Sergiu, Larion Alina, Postolachi Vlad

PRELIMINARY DATA ON HIBERNATION PECULIARITIES OF BATS (MAMMALIA, CHIROPTERA) IN ABANDONED STONE QUARRIES NEAR CRICOVA VILLAGE

Sîtnic Veaceslav, Nistoreanu Victoria, Savin, Anatolie, Larion Alina

REPRODUCTION OF *MICROTUS ARVALIS* AND *MICROTUS ROSSI-AEMERIDIONALIS* SPECIES (RODENTIA, CRICETIDAE) IN THE REPUBLIC OF MOLDOVA

Tsurcan Vladimir

ADAPTATION OF AMPHIBIANS AND REPTILES POPULATIONS TO THE PREZENT CONDITIONS OF LANDSCAPE OF MOLDOVA

Tsurcan Vladimir

ECO-MORPHOLOGICAL ASPECTS OF SOME SPECIES OF REPTILES IN THE REPUBLIC OF MOLDOVA

09⁰⁰ – 11³⁰**SECTION 2. INVERTEBRATES**

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

Moderators:**Liviu Miron** – dr. prof., University „Al. I. Cuza”, Iasi, Romania**Dumitru Erhan** – dr. hab. prof., Institute of Zoology of A.S.M.**Livia Calestru** – dr. asoc. prof., Institute of Zoology of A.S.M.**Melnic Maria, Rusu Ștefan, Onofraș Leonid, Todiraș Vasile, Lungu Angela**SUPPRESSIVE RHIZOBACTERIA IN CONTACT WITH NEMATODES FROM GENUS *DITYLENCHUS***Melnic Maria, Erhan Dumitru, Rusu Ștefan, Onofraș Leonid, Todiraș Vasile**

PGPR BACTERIA IN THE PERSPECTIVE OF THE BIOLOGICAL CONTROL USE

Mihailov Irina

THE STUDY OF COMMUNITIES OF COPROBIONTE ROVE BEETLES (COLEOPTERA, STAPHYLINIDAE) IN NATURAL GRASSLANDS IN REPUBLIC OF MOLDOVA

Morozov Alexandru, Uspenskaya Inga, Sitnicova Natalia, Movila Alexandru, Toderas IonSPATIAL DISTRIBUTION OF *DERMACENTOR RETICULATUS* IN REPUBLIC OF MOLDOVA**Pelin Ana, Coadă Viorica, Nedbaliuc Boris**

CONTRIBUTIONS TO THE STUDY OF DIVERSITY OF THE BEETLES (INSECTA, COLEOPTERA) IN THE LOWER BASIN OF THE ICHEL RIVER

Poiras Larisa, Iurcu-Straistaru Elena, Burteva Svetlana, Poiras Nadejda, Laquale S., Toderas Ion, Sasanelli NicolaBIOEFFICACY OF EXOMETABLITES OF STREPTOMYCETES AND ABAMECTIN SOLUTIONS ON THE ROOT-KNOT NEMATODE *MELOIDOGYNE INCOGNITA* IN VITRO**Potapov Grigory, Bolotov Ivan**

BUMBLEBEE COMMUNITIES IN ANTHROPOGENIC BIOTOPES OF THE TAIGA ZONE

Rusu Ștefan, Erhan Dumitru, Zamornea Maria, Chihai Oleg, Rusu Vadim, Pruteanu Mihai, Cilipic Grigore

THE DIVERSITY OF PARASITIC FAUNA AND THE IMPACT OF CATTLE PARASITOSE ON THE ECONOMY

Rusu Ștefan, Erhan Dumitru, Chihai Oleg, Pavaliuc Petru, Anghel Tudor, Zamornea Maria, Silitrari Elena

DOMESTIC ANIMALS – THE SOURCE FOR POLIPARASITIC POISONING OF PASTURES

Sasanelli Nicola, Iurcu-Straistaru Elena, Bivol Alexei, Poiras Nadejda, Laquale S., Toderas Ion, Poiras Larisa

SUSTAINABLE CONTROL METHODS AGAINST ROOT-KNOT NEMATODES IN GREENHOUSES OF ITALY AND R. MOLDOVA

Șerban Cecilia

ENTOMOLOGICAL CHARACTERISTICS OF NATURAL FOREST AREA GÂRBOAVELE (GALAȚI COUNTY- ROMANIA)

Stahi Nadejda, Timuș Asea

DATA REGARDING THE TROPHIC SPECTRUM OF THE POPULATIONS OF ADALIA BIPUNCTATA AND COCCINELLA SEPTEMPUNCTATA IN THE REPUBLIC OF MOLDOVA

Știngaci Aurelia

BACULOVIRUS – BASED PRODUCT FOR BIOLOGIC CONTROL OF THE SPECIES HYPHANTRIA CUNEA IN THE AGRICULTURAL, ORNAMENTAL AND FOREST PLANTATIONS

Stratan Veniamin

THE SUPERFAMILY APOIDEA (HYMENOPTERA, APOIDEA) POLLINATORS OF ETHER PLANTS SPECIES CULTIVATED IN MOLDOVA

Șuleșco Tatiana, Toderas Ion, Toderas Lidia, Bujor Aliona

SPECIES COMPOSITION AND PREVALENCE OF MOSQUITOES (DIPTERA: CULICIDAE) IN THE SCIENTIFIC RESERVE “PĂDUREA DOMNEASCĂ”, MOLDOVA

Toderas Ion, Cojan Mariana

ANTHELMINTIC TREATMENT STRATEGY AND PREVENTION OF CONTAMINATION WITH TOXOCARA SSP IN MOLDOVA

Vlasova Alisa

FAUNISTIC REVIEW OF THE BUTTERFLIES (LEPIDOPTERA, DIURNA) OF KUNASHIR AND SAKHALIN

Zamornea Maria, Erhan Dumitru, Rusu Ștefan, Chihai Oleg, Bondari

Lidia, Coadă Viorica

PATHOGENIC ACTION OF THE PARASITES ON THE BIRD'S BODY

09⁰⁰ – 11³⁰

SECTION 3. WATER ECOSYSTEMS: METHODOLOGY OF INVESTIGATION, MONITORING, EVALUATION OF THREATS, AND ASSESSMENT OF RISKS

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

Moderators:

Laszlo Varadi – dr. prof., Research Institute for Fisheries, Aquaculture and Irrigation

Vesnina Lyubov Viktorovna - dr., professor, Altai scientific research institute of water bioresources and aquaculture» Barnaul, Russia.

Elena Zubcov – dr. hab., prof., Institute of Zoology of A.S.M.

Moruzi Irina Vladimirovna, Pishchenko Yelena Vitalyevna, Petukhov

Valeriy Vladimirovich, Nezavitin Anatoliy Grigoryevich, Kropachev

Dmitriy Valeryevich

EXTERIOR OF THE ALTAI MIRROR CARP AND OTHER EXISTING BREEDS

Munjiu Oxana, Toderas Ion, Zubcov Elena, Biletschi Lucia, Subernetkii

Igor, Railean Nadejda, Banu Vitalie

BENTHIC MACROINVERTEBRATES OF THE PRUT RIVER (2012-2013)

Negru Maria, Shubernetski I.

BACTERIOPLANKTON FROM THE PRUT RIVER AND DAM LAKE COSTESTI-STINCA IN 2012 – 2013

Lebedenco Liubovi, Subernetkii Igor, Jurminskaia Olga

DIVERSITY OF PLANKTONIC INVERTEBRATES IN THE ECOSYSTEMS OF THE PRUT RIVER

Nicoară Mircea, Constandache Ionela, Strungaru Ștefan-Adrian,

Plavan Gabriel

A BIODIVERSITY STUDY OF BENTHIC MACROINVERTEBRATES FROM COGEASCA (CUCUTENI) LAKE, IASI COUNTY, DURING 2012-2013

Vesnina Lyubov Viktorovna

BIOTA OF HYPERHALINE LAKES OF THE SOUTH OF WESTERN SIBERIA

Vesnina Lyubov Viktorovna, Ronzhina Tatyana Olegovna

LONG-TERM DYNAMIC OF POPULATION'S NUMBER OF ARTEMIA LEACH, 1819 IN HYPERSALINE LAKES OF THE ALTAI TERRITORY

Paltser Inga S., Bolotov Ivan N., Bepalaya Yuliya V.

GROWTH, DEVELOPMENT AND REPRODUCTION OF THERMAL LYMNAEIDAE (GASTROPODA: LYMNAEOIDAE) IN AQUACULTURE

Titov Sergey, Mikhelson Sergey, Sendek Dmitry

THE EXPERIENCE OF REESTABLISH OF ATLANTIC SALMON'S AND EUROPEAN PEARL MUSSEL'S POPULATIONS IN THE GLADYSHEVKA RIVER (LENINGRAD REGION, RUSSIA)

Toderas Ion, Zubcov Elena, Ungureanu Laurentia, Biletschi Lucia, Subernetkii Igor, Negru Maria, Zubcov Natalia, Borodin Natalia, Tumanova Daria

INFLUENCE OF ABIOTIC AND BIOTIC FACTORS UPON COMMUNITIES OF AQUATIC ORGANISMS

Ungureanu Laurenția, Toderas Ion, Ungureanu Grigore, Tumanova Daria, Melniciuc Cristina

PRODUCTIVITY AND SUCCESSIONS OF PHYTOPLANKTON IN THE PRUT RIVER

Usatii Marin, Crepis Oleg, Șaptefrați Nicolai, Usatii Nadejda

DYNAMICS OF BIODIVERSITY AND QUANTITATIVE INDICATORS OF ICHTHYOFAUNA IN THE PRUT RIVER ECOLOGICAL SUCCESSION

Usatii Marin, Crepis Oleg, Usatii Adrian, Șaptefrați Nicolae, Vatavu Dumitru, Bodean Anatol

DYNAMICS OF BIODIVERSITY AND QUANTITATIVE INDICATORS OF ICHTHYOFAUNA IN THE ECOLOGICAL SUCCESSION OF THE RIVER DNIESTER

Zubcov Elena, Toderas Ion, Zubcov Natalia, Biletschi Lucia, Sova Sergiu

INVESTIGATION OF METALS AND ELABORATION OF METHODOLOGY OF THEIR MONITORING IN AQUATIC ECOSYSTEMS ACCORDINGLY TO THE EUROPEAN DIRECTIVES

09⁰⁰ – 11³⁰

SECTION 4. PALAEOZOOLOGY

(Institute of Zoology, Museum of Palaeozoology, Academiei str. 1)

Moderators:

Anatolie David – dr. prof., Institute of Zoology of A.S.M.

Afanasie Prepeliță – dr., Tiraspol State University, Chișinău, Republic of Moldova

Kalmykov N.P.

THE FINDINGS OF FOSSIL MAMMALS IN THE CONTEXT OF PALEONTOLOGICAL RESEARCH IN AZOV REGION

Pascari Viorica, David Anatolie

MAMMAL FAUNA OF PALAEOOLITHIC STATION FROM CIUNTU CAVE

Redkozubov Oleg

UPPER PLIOCENE AND LOWER PLEISTOCENE REPTILE FAUNA OF THE REPUBLIC MOLDOVA

12⁰⁰-12³⁰ – discussions, conclusion and closing remarks

13⁰⁰-17⁰⁰ – excursion – Underground wine cellars „Milestii Mici”

Saturday, 12 October 2013

9⁰⁰-16⁰⁰ – excursion – Archeological complex „Orheiul Vechi” and Scientific reserve „Codrii”

