

CUPRINS

Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Boris TURCHIN, Cristian JIGĂU, Iulian JIGĂU, Iurie MOȘOI - EVALUATION CRITERIA FOR THE POTENTIAL OF ORGANIC CARBON SEQUESTRATION AND STABILIZATION IN ARABLE CHERNOZEMS.....	9
Gheorghe JIGĂU, Sergiu DOBROJAN, Galina DOBROJAN, Boris TURCHIN, Cristian JIGĂU, Iulian JIGĂU, Iurie MOȘOI - PEDOFUNCTIONAL FRAMEWORK FOR SUSTAINABLE MANAGEMENT OF ORGANIC CARBON CYCLE IN ARABLE CHERNOZEM SOILS.....	15
Stela CURCUBĂȚ, Angela CANȚÎR - CHARACTERISTICS OF GRAY SOILS AND THE IMPORTANCE OF FORESTS IN THE CUBOLTA HYDROGRAPHIC BASIN, REPUBLIC OF MOLDOVA.....	21
Tamara SÎRBU, Cristina MOLDOVAN, Olga ȚURCAN - VIABILITY AND STABILITY OF FUNGI ISOLATED FROM THE "LA IZVOR" LAKE AFTER LYOPHILIZATION.....	27
Svetlana BURȚEVA, Maxim BÎRSA - ABILITY OF ACTINOBACTERIA FROM THE SILT SEDIMENTS OF THE LAKE SYSTEM "LA IZVOR" (CHISINAU) TO INHIBIT THE GROWTH OF PHYTOPATHOGENIC MICROORGANISMS.....	32
Nina BOGDAN-GOLUBI, Valerina SLANINA - SURVIVAL OF <i>BACILLUS</i> SP., <i>PSEUDOMONAS</i> SP. AND LACTIC ACID BACTERIA SUBJECTED TO FREEZE-DRYING AND LONG-TERM STORAGE.....	38
Otilia Carmen PAVEL, Ortansa JIGĂU - THE CONSPECTUS OF MUSHROOMS COLLECTED FOR THE TEMPORARY EXHIBITION "THE WORLD OF MUSHROOMS", THE 16TH EDITION.....	42
Otilia Carmen PAVEL, Ortansa JIGĂU - THE CONSPECTUS OF MUSHROOMS COLLECTED FOR THE TEMPORARY EXHIBITION "THE WORLD OF MUSHROOMS", THE 17TH EDITION.....	50
Bogdan TOMOZII - FIRST RECORD OF <i>HALICTUS BRUNNESCENS</i> (EVERSMANN 1852) (HYMENOPTERA: HALICTIDAE) IN ROMANIA.....	57
Mihaela ARINTON, Cornelia CHIMIȘLIU - THREATENED SCARABEOID SPECIES (INSECTA: SCARABAEOIDEA) IN ROMANIA.....	67
Mihaela ARINTON - EPIGEIC SCARABAEOID BEETLES (COLEOPTERA: SCARABAEOIDEA) IN THE HEMEIUȘ DENDROLOGICAL PARK OF BACĂU COUNTY, ROMANIA.....	74

Mikhail MUSTYA, Dumitru BULAT - BIOLOGY OF THE ATHERINA (ATHERINA BOYERI RISSO, 1810) OF THE KUCHURGAN RESERVOIR - COOLER.....	81
Veaceslav SYTNIC - CONTRIBUTIONS TO KNOWLEDGE OF CRICETUS CRICETUS (LINAEUS, 1758) SPECIES IN THE REPUBLIC OF MOLDOVA.....	85
Veaceslav SÎTNIC - ECOLOGICAL STRATEGIES FOR THE ADAPTATION OF SOME SMALL MAMMAL SPECIES TO ENVIRONMENTAL CHANGES..	89
Ștefan RUSU, Dumitru ERHAN, Maria ZAMORNEA, Oleg CHIHAI, Ion TODERAȘ, Viorelia RUSU, Ion GOLOGAN, Nicolae NAFORNIȚA - SOME PARTICULARITIES REGARDING THE IDENTIFICATION OF SPECIFIC AND COMMON PARASITE SPECIES IN DOMESTIC AND WILD ANIMALS IN THE REPUBLIC OF MOLDOVA.....	92
Gabriela GURĂU - THE STORY OF „ION BORCEA” NATURAL SCIENCES MUSEUM COMPLEX OF BACĂU, ROMANIA 1958 – 2021 (II - 1987 – 2007)....	98
Gabriela GURĂU - THE STORY OF „ION BORCEA” NATURAL SCIENCES MUSEUM COMPLEX OF BACĂU, ROMANIA 1958 – 2021 (III - 2007 - 2021)...	105
Dalia PARASCHIV, Irina ARDEI, Daniel GHIURCĂ - THE TEMPORARY EXHIBITION „IN MEMORIAM CONSTANTIN MĂZĂREANU (1941-2005)”...	116
Irina ARDEI, Dalia PARASCHIV – BACĂU COUNTY PERSONALITIES – THE TEMPORARY EXHIBITION (2017-2019)	119
Irina ARDEI, Dalia PARASCHIV, Nela DIACONESCU - BACĂU COUNTY PERSONALITIES – THE TEMPORARY EXHIBITION (2020-2021).....	124
Florin-Cătălin TOFAN - STORYTELLING CHATBOT FOR „SPICES, TASTEFUL STORIES“ EXHIBITION.....	128
Daniel MAFTEI, Daniel GHIURCĂ, Sorin ROȘU - FLOWERS FROM THE DEPTHS OF THE EARTH - PERMANENT EXHIBITION.....	132
Ortansa JIGĂU, Costel BURGHELEA - EDUCATIONAL PROJECT - ENVIRONMENTAL HEALTH - OUR HEALTH.....	135
Anca TUDOR, Lăcrămioara ZAHARIA, Bogdan TOMOZII, Florin TOFAN, Otilia PAVEL - THE MUSEUM OF NATURAL SCIENCES - PARTNER IN ERASMUS+ PROJECTS.....	139

Anca TUDOR-ANDREI, Lăcrămioara-Gabriela ZAHARIA - IMPACT OF INTERACTION WITH TAXIDERMY SPECIMENS IN MUSEUM PEDAGOGY ACTIVITIES WITH PRESCHOOLERS IN THE FIELD OF NATURAL SCIENCES.....	142
Maria VELEA, Salomeea VELEA - BLACK HOLES.....	146
Maria VELEA, Salomeea VELEA - JUNO MISSIO.....	150
Alexandra CIUCHE - APOLLO 17: THE LAST MEN ON THE MOON.....	154
Alexandra CIUCHE - VOYAGER 1 AND 2: THE INTERSTELLAR MISSION....	157
Oana-Georgeta DINESCU - JAMES WEBB SPACE TELESCOPE RESULTS AFTER 100 DAYS OF OPERATION.....	161
Oana-Georgeta DINESCU - THE TEMPORARY EXHIBITION "DEPICTIONS OF ASTRONOMY IN ART"	166
Dumitru Ciprian VÎNTDEVARĂ - A NEW STAR IN THE SKY NAMED BÂRLAD.....	171
Bogdan MIHĂILĂ - 55 YEARS SINCE THE BIRTH OF A HISTORIC ROCKET: SATURN V.....	174
Bogdan TOMOZII - <i>IN MEMORIAM</i>: CURATOR DR. ARISTIȚA GOAGĂ (DIMA) (1942-2022).....	176

