

OLTENIA

**STUDII ȘI COMUNICĂRI
ȘTIINȚELE NATURII**

Oltenia Journal for Studies in Natural Sciences

(Proceedings of the 31st International Conference of the Oltenia Museum)

Tom. XXXX, No. 2 / 2024

MUZEUL OLTENIEI CRAIOVA

CONTENTS / CUPRINS

I. GEOLOGY / GEOLOGIE

- ASIMOPOLOS Laurențiu, ASIMOPOLOS Natalia-Silvia, TURANBOY Alparslan, ULKER Erkan, ASIMOPOLOS Adrian-Aristide** – Optimizing the exploitation of ornamental rock quarries by analysing the fracture network / Optimizarea exploatării carierelor de rocă ornamentală prin analiza rețelei de fracturi 7
- ASIMOPOLOS Natalia-Silvia, ASIMOPOLOS Laurențiu, ASIMOPOLOS Adrian-Aristide, DINU Luminița, BALEA Bogdan** – Study of the strongest geomagnetic events in the 25th solar cycle / Studiu privind cele mai puternice evenimente geomagnetice din cel deal 25-lea ciclu solar 13
- DINU Luminița, NICULICI Eugen Laurențiu, TĂTARU Adrian Gabriel** – Space - temporal analysis of large geomagnetic disturbances, case study for the storm of 24 march 2024 / Analiza spațio – temporală a perturbațiilor geomagnetice mari, studiu de caz pentru furtuna din 24 martie 2024 21
- MACOVEI Monica, RUSU Simona, SĂSĂRAN Liana** – Geoheritage – Geosites and museum Collections: the fossil site from Globu Craiovei / Geoheritage – Geosituri și Colecții muzeale: locul fosilifer de la Globu Craiovei 27
- RUSU Simona, GRIGORE Dan, POPA Mihai Emilian** – The Brădet Quarry in Anina and its palaeontological heritage / Cariera Brădet din Anina, o propunere pentru o nouă rezervație paleontologică 37

II. VEGETAL BIOLOGY / BIOLOGIE VEGETALĂ

- ELISOVEȚCAIA Dina, IVANOVA Raisa, BRINDZA Jan** – Determination of the morphometric parameters and reproductive ability of beech seeds (*Fagus sylvatica*) of Slovak origin / Determinarea parametrilor morfometrici și a capacității de reproducere a semințelor de fag (*Fagus sylvatica*) originare din Slovacia 49
- IVANOVA Raisa, BRINDZA Jan** – Biometric characteristics of flowers, fruits and seeds of american pokeweed (*Phytolacca americana* L.) / Caracteristici biometrice ale florilor, fructelor și semințelor de cârmâz (*Phytolacca americana* L.) 57
- ȚÎȚEI Victor, COȘMAN Sergiu, COȘMAN Valentina** – The evaluation of the biomass quality of *Astragalus cicer* and *Astragalus galegiformis* and prospects of its use in Moldova / Evaluarea calității biomasei de *Astragalus cicer* și *Astragalus galegiformis* și perspective de valorificare în Moldova 63

ȚÎȚEI Victor – The biochemical composition and nutritive value of green mass and silage from safflower <i>Carthamus tinctorius</i> L. / Compoziția biochimică și valoarea nutritivă a masei verzi și a silozului din plantele de șofrănel <i>Carthamus tinctorius</i> L.	72
--	----

III. ANIMAL BIOLOGY / BIOLOGIE ANIMALĂ

III.a. INVERTEBRATES VARIOUS / NEVERTEBRATE DIVERSE

PETRESCU Ana-Maria, PETRESCU Iorgu – On type specimens of cavernicolous isopods described by the famous romanian scientist Emil Racovitza in the collections of the “Grigore Antipa” National Museum of Natural History from Bucharest / Despre exemplarele tip de izopode cavernicole descrise de faimosul cercetător român Emil Racoviță din colecțiile Muzeului Național de Istorie Naturală „Grigore Antipa” din București	78
LILA Gima – Coleoptera species (Insecta: Coleoptera) found in the Desnățuiului Meadow, Giurguța village, Giurguța commune, Dolj county, Romania / Specii de coleoptere (Insecta: Coleoptera) întâlnite în Lunca Desnățuiului, sat Giurguța, comuna Giurguța, județul Dolj, România	85
STANCĂ-MOISE Cristina – The study of insects in a vegetable garden in the Orlești village of the Vâlcea county / Studiul insectelor dintr-un ecosistem agricol, o grădină de legume din comuna Orlești, județul Vâlcea	92
BUȘMACHIU Galina, CREȚU Irina, BACAL Svetlana, BURDUJA Daniela – New data on insecta from the Old Orhei, Republic of Moldova / Date noi despre insectele din Orheiul Vechi, Republica Moldova	100

III.b. VERTEBRATES / VERTEBRATE

TÎMBURESCU Constanța, BORONTEA Ioana Cornelia, GOGA Ionelia Claudia – Studies on the morphological and microscopic appearance of the hydatid cyst (<i>Echinococcus granulosus</i>), the larval stage of the <i>Taenia echinococcus</i> cestode in cattle and pigs in the Dolj county / Studii privind aspectul morfologic și microscopic al chistului hidatic (<i>Echinococcus granulosus</i>), stadiul larvar al cestodului <i>Taenia echinococcus</i> la bovine și porcine în județul Dolj	105
ALEXANDRU Anca Florentina – Catalogue of reptiles collection in the Oltenia Museum / Catalogul colecției de reptile din Muzeul Olteniei	113
GACHE Carmen, IGNAT Alina-Elena – Bird fauna and the conservation status of some reservoirs in the middle basin of the Bârlad river (Romania) / Ornitofauna și statutul de conservare al unor lacuri de acumulare din bazinul mijlociu al râului Bârlad (România)	121

- PETRESCU Angela, PETRESCU Ana-Maria, MATEI Petre Bogdan** – A catalogue of the collection of tarsometatars (Aves) from the heritage of the “Grigore Antipa” National Museum of Natural History Bucharest, Romania / Catalogul colecției de tarsometatarsuri (Aves) din patrimoniul Muzeului Național de Istorie Naturală „Grigore Antipa”, București, România 141

IV. ECOLOGY - THE ENVIRONMENT PROTECTION /

ECOLOGIE - PROTECȚIA MEDIULUI

- MARIAN Sanda Adina, DUDĂU Daniela Liana, CIOBOIU Olivia, CORICI Sorin, COTĂRAN Vasile, ȘCHIOPU Cristina, CHIMEREL Mircea, STOICA Ioan-Oană** – Assessment of the ecological status/ecological potential for designated water bodies on the Jiu river according to the Water Framework Directive / Evaluarea stării ecologice/potențialului ecologic pentru corpurile de apă desemnate pe râul Jiu în contextul Directivei Cadru pentru Apă 163
- DUDĂU Daniela Liana, MARIAN Sanda Adina, CIOBOIU Olivia, CORICI Sorin, COTĂRAN Vasile, ȘCHIOPU Cristina, CHIMEREL Mircea, STOICA Ioan-Oană** – The impact of hydro-technical works on aquatic ecosystems. Study case: the Jiu river from the springs to the Danube confluence / Impactul lucrărilor hidrotehnice asupra ecosistemelor acvatice. Studiu de caz: râul Jiu izvor-confluență Dunăre 169
- DUMITRACHE Cristina Alina** – A brief review of methods of collecting and examining water bird nests / O scurtă analiză a metodelor de colectare și examinare a cuiburilor de păsări acvatice 177
- MIHAI Luiza-Silvia, CIOBOIU Olivia** – The complexity of the rhizosphere - the “unseen” part of the soil – a short review / Complexitatea rizosferei – partea „nevăzută” a solului – scurtă recenzie 183
- ILIE Aurelian Leonardo, MARINESCU Mariana, CIOBOIU Olivia, ILIE Lorena Cosma** – Phenological anomalies regarding the flowering of spontaneous, subspontaneous and cultivated plants in the Bihor county (Romania) during march 1, 2023-april 1, 2024 / Anomaliile fenologice privind înfloritul la plantele spontane, subspontane și cultivate din județul Bihor (România) în perioada 1 martie 2023-1 aprilie 2024 189
- VOICU Diana, HELEPCIUC Florența, BANCIU Cristian, VLADIMIRESCU Mihnea, HOLOBIUC Irina, CIOBOIU Olivia, MITOI Monica** – *In vitro* induction and multiplication of callus cultures producing secondary metabolites in *Pimpinella anisum* species / Inducerea și multiplicarea *in vitro* a culturilor de calus producătoare de metaboliți secundari la specia *Pimpinella anisum* 192

STÎNGACI Aurelia, SCERBACOVA Tatiana, SAMOILOVA Anna – A study of the complex effectiveness of biological agents in apple orchards in terms of climate change in the Republic of Moldova / Studiul eficacității complexe a agenților biologici din livada de meri la schimbările climatice în Republica Moldova	197
MOGÎLDEA Vladimir, BEJAN Iurii, ȚUGULEA Andrian – Assessment of green and blue infrastructure in urban ecosystems in the Republic of Moldova and the impact on ecosystem services / Evaluarea infrastructurii verzi și albastre a ecosistemelor urbane din Republica Moldova și impactul asupra serviciilor ecosistemice	203
NICULESCU George, ROGOJANU Dumitru-Cătălin – Green solutions for sustainable cities / Soluții verzi pentru orașe sustenabile	211
Recommendations regarding the elaboration of the papers for the scientific journal “ <i>Oltenia. Studii și comunicări. Științele Naturii</i> ”/ Recomandări privind elaborarea lucrărilor științifice pentru revista “ <i>Oltenia. Studii și comunicări. Științele Naturii</i> ”	219

Oltenia. Studii și comunicări. Științele Naturii

ISSN 1454 – 6914
2024, Tom. 40, no. 2

Cover Image: *The Building of the Section of Sciences of Nature of the Museum of Oltenia Craiova*

Editor in Chief: **Olivia CIOBOIU** - Craiova, Romania

Associate Editor's:

Anca ALEXANDRU
Craiova, Romania
Ionelia Claudia GOGA
Craiova, Romania
Gima LILA
Craiova, Romania
Daniela MĂCEȘEANU
Craiova, Romania
Aurelian POPESCU
Craiova, Romania
Mirela Sabina RIDICHE
Craiova, Romania

Managing Editor:
Mădălin ENACHE
Bucharest, Romania
Technical Editor:
Daniela POPESCU
Craiova, Romania
Language Editor:
Oana-Adriana DUȚĂ
Craiova, Romania

Editorial Board:

Laurențiu ASIMPOLOS
Bucharest, Romania
Svetlana BACAL
Chișinău, Republic of Moldova
Gheorghe BENGĂ
Cluj-Napoca, Romania
Kiss J. BOTOND
Tulcea, Romania
Mihai BRĂNZILĂ
Iași, Romania
Gheorghe BREZEANU
Bucharest, Romania
Oleg CHIHAI
Chișinău, Republic of Moldova
Gulsah COBANOGLU
Istanbul, Turkey
Vlad CODREA
Cluj-Napoca, Romania
Ioan COROIU
Cluj-Napoca, Romania
Severus-Daniel COVACIU-MARCOV
Oradea, Romania
Diana CUPȘA
Oradea, Romania
Valeriu DERJANSCHI
Chișinău, Republic of Moldova
Alexander DERUNKOV
Minsk, Belarus
Venera DOBRICĂ
Bucharest, Romania
Mădălin ENACHE
Bucharest, Romania
Hans van ESSEN
Leiden, Holland
Elena GAVRILESCU
Craiova, Romania
Pascal GODEFROIT
Bruxelles, Belgique
Dan GRIGORE
Bucharest, Romania

Dan GRIGORESCU
Bucharest, Romania
Lila HABLY
Budapest, Hungary
Stănilă IAMANDEI
Bucharest, Romania
Violeta IGNA
Timișoara, Romania
Ivan ILIEV
Sofia, Bulgaria
Daniel ION
Bucharest, Romania
Anca ISAC
Bucharest, Romania
Sirichai KANLAYANARAT
Bangkok, Thailand
Masahiro KAMEKURA
Noda, Japan
Oleksandr KOVALCHUK
Kiev, Ukraine
Hysen MANKOLLI
Tirana, Albania
Ciprian MĂNZU
Iași, Romania
Narcisa MEDERLE
Timișoara, Romania
John Owen MOUNTFORD
Wallingford, United Kingdom
Dumitru MURARIU
Bucharest, Romania
Cristina NECULA
Bucharest, Romania
Dragoș NECULCE
Ottawa, Canada
Bogdan Mihai NICULESCU
Bucharest, Romania
Victoria NISTREANU
Chișinău, Republic of Moldova
Marilena ONETE
Bucharest, Romania

Angela PETRESCU
Bucharest, Romania
Alexandru-Ionuț PETRIȘOR
Bucharest, Romania
Martin PICKFORD
Paris, France
Mihai POPA
Bucharest, Romania
Daniel RĂDUȚOIU
Craiova, Romania
Mikhail ROGOV
Moskva, Russia
Carlo SARTI
Bologna, Italy
Werner SCHWARZHANS
Copenhagen, Denmark
Antoneta SEGHEDI
Bucharest, Romania
Ion STELEA
Bucharest, Romania
Radu ȘUMALAN
Timișoara, Romania
Zbyšek ŠUSTEK
Bratislava, Slovakia
Victor SURUGIU
Iași, Romania
Itoh TAKASHI
Tsukuba-Ibaraki, Japan
Spassimir TONKOV
Sofia, Bulgaria
Evangelia TSOUKALA
Thessaloniki, Greece
Grația TÂRLEA
Bucharest, Romania
Victor ȚÎȚEI
Chișinău, Republic of Moldova
Marton VENCZEL
Oradea, Romania
Anca VIJDEA
Bucharest, Romania

Journal coverage:

- Zoological Record (by Thomson Reuters, former ISI):
<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&Word=oltenia>
- CNCSIS (The National University Research Council, Romania) – „B+” category
- SCPIO: <http://scpio.ro/web/oltenia.-studii-si-comunicari.-stiintele-naturii>

Available On-line:

Oltenia. Studii și comunicări. Științele Naturii with full text articles available on-line: <http://biozoojournals.ro/oscsn/>; <http://www.olteniastudii.3x.ro/>;
<http://biozoojournals.ro/>

Publisher: Museum of Oltenia Craiova, Str. Popa Șapcă, No. 8 – 200 410, Craiova, Romania

Financial Support by: The Council of Dolj County, Romania

RECOMMENDATIONS
regarding the elaboration of the papers for the scientific journal
“Oltenia. Studii și comunicări. Științele Naturii”

The journal is edited by the Oltenia Museum Craiova and it publishes original papers in the fields of vegetal and animal biology, ecology-environment protection, mineralogy-palaeontology, as well as scientific reports, reviews, anniversary or commemoration papers.

It appears annually, it is Web of Science-Zoological Record indexed (<http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC= MASTER &Word=oltenia>; <https://mjl.clarivate.com/search-results>) **and accredited by CNC SIS as a B+ Journal.**

I. Structure (format) for original papers, scientific reports and reviews:

A	Original papers	will be structured according to the information rendered in the Table 1.
B	Scientific reports	will be structured according to the author's (authors') preferences, but it has to include abstract and key words, both in English and Romanian.
C	Reviews	there will be mentioned: author (authors) of the book (name and first name – CAPITAL LETTERS), comma, the title of the book, lowercase letters (Italic), publishing house, publishing location, year, number of pages. Use a free space and then render the text of the review with as fewer paragraphs as possible and the same characters as in the case of original papers.

Table 1.

STRUCTURE OF THE PAPER	CHARACTERISTICS	OBSERVATIONS
TITLE	capital letters, 12 pt., bold, centred	
<i>two spare rows (12 pt.) between the title and the name of the author/s</i>		
Author/Authors	name, capital letters, first name, noncapital, 11 pt., bold, normal, aligned right	between two or many authors, use comma
<i>One spare row, 10 pt.</i>		
Abstract (English)	from the beginning of the line, without tab, 9 pt., bold, normal	the abstract will be written with 9 pt., normal, maximum 300 words
<i>One spare row, 9 pt.</i>		
Keywords (English)	from the beginning of the line, without tab, maximum 5 words, 9 pt., normal	
<i>One spare row, 9 pt.</i>		
Rezumat (Romanian)	from the beginning of the line, without tab, 9 pt., bold, normal	Complete translation of the title in Romanian (no capital letters, except for the first letter of the title; 10 pt., bold). The content of the abstract – 9 pt., normal, maximum 300 words
<i>One spare row, 9 pt.</i>		
Cuvinte cheie (Romanian)	from the beginning of the line, without tab, maximum 5 words, 9 pt., normal	
<i>One spare row, 14 pt.</i>		
INTRODUCTION	10 pt. (capital letters, bold)	content – 10 pt., normal
<i>One spare row, 10 pt.</i>		
MATERIAL AND METHODS	10 pt. (capital letters, bold)	content – 10 pt., normal
<i>One spare row, 10 pt.</i>		
RESULTS	10 pt. (capital letters, bold)	content – 10 pt., normal
<i>One spare row, 10 pt.</i>		
DISCUSSIONS	10 pt. (capital letters, bold)	content – 10 pt., normal
<i>One spare row, 10 pt.</i>		
CONCLUSIONS	10 pt. (capital letters, bold)	content – 10 pt., normal
<i>One spare row, 10 pt.</i>		
ACKNOWLEDGEMENTS	10 pt. (capital letters, bold)	content – 10 pt., normal
<i>One spare row, 10 pt.</i>		
REFERENCES	10 pt. (capital letters, bold)	content – see bibliographical references
<i>One spare row, 10 pt.</i>		
Bibliography enumeration	see the detailed explanations at the references heading	
Personal data	Name and surname – 8 pt., bold, normal, centred Institution and e-mail address – 8 pt., normal, centred	

Other details related to the papers:

Publishing language	English
Page format	A4 (21 x 29.7 cm), margins: top – 2.5 cm; bottom – 2.0 cm; left – 2.0 cm; right – 2.0 cm; gutter – 0 cm; header, footer – 1.27 cm. The papers will be elaborated in Microsoft Word, justified; font: Times New

Roman, 10 pt., normal; single space.
- Latin names (genus, subgenus, species, subspecies) will be written with italic characters; - Suprageneric names are not written with italic characters. The same procedure is used when they are mentioned within figures, graphs and tables.
The first mention of a taxon in the text will be followed by the taxon author's name and the publishing year of the description, according to the zoological nomenclature code (e.g.: <i>Cossus cossus</i> (Linnaeus 1758), afterwards, it will be used abbreviated).
The name of the authors quoted in the text will be written normal, capital letters , while the names of the authors of the taxa will be written normal, lowercase letters
For the names of Romanian authors and settlements diacritics must be used.
The materials sent for publication (printed and in electronic format) has to be between 2 and 8 pages (the number of pages must be even).

II. References

➤ **References** in the text (quotation) includes only the author's/authors' names (CAPITAL LETTERS) and publishing year.

For example:

- when it is a single author: IONESCU (1965) or (IONESCU, 1965);
- when there are two authors, it is used "&": RĂDULESCU & SAMSON (1990) or (RĂDULESCU & SAMSON, 1990);
- when there are more than two authors: IONESCU et al., (1992) or (IONESCU et al., 1992);
- in case there are many papers written by the same author/authors, published in the same year, use the letters a, b, c, etc. after the year (e.g.: IONESCU, 2000; IONESCU, 2000a, ..., 2000g);
- authors are rendered alphabetically and, in case there are many papers written by the same author, they are introduced chronologically.

➤ **References** will include **only** the papers quoted in the text (10 pt.), alphabetically rendered, without numbers, as it follows:

- author (CAPITAL LETTERS), publishing year (normal), (**do not use** comma between the author and the publishing year or between the name and first name of the same author; use comma between different authors, when there are more than two), *the title of the paper (italic)*, name of the journal, publishing house, volume number (bold), the number of fascicle (normal), number of pages (normal). When there are two authors, use "&"; if there are many authors, mention **all** of them. The ladies' first name is completely written; for gentlemen, use only the first letter.

The reference titles will be aligned as it follows: the first line from the beginning (no tab), the second at 1.27. For example:

EXEMPLE
Book reference: BOȘCAIU N. 1971. <i>Flora și vegetația Munților Țarcu, Godeanu și Cernei</i> . Edit. Academiei R. S. R. București. 300 pp.
Paper published in a journal: GULII V. & PAMUJAC M. 1994. Elemente ale protecției integrate a culturilor agricole de dăunători și boli. <i>Protecția integrată a plantelor</i> . Edit. „Știința”. Chișinău: 112-118. STAN MELANIA & BACAL SVETLANA 2006. New contributions to knowledge stafilinidelor (Coleoptera: Staphylinidae) of the landscape reserve "Codrii Tigheci" (Moldova). <i>Oltenia. Studii și comunicări. Științele Naturii</i> . Muzeul Olteniei Craiova. 22 : 155-159.
Reference to a part of a collective paper; volume (with editors): IFTIME AL. 2005. Amfibieni și Reptile. In: Botnariuc & Tatole (Eds.) <i>Cartea Roșie a Vertebratelor din România</i> . Edit. Academiei Române. București: 1-325.
Papers presented at scientific manifestations and published in a volume without editors: CIOCHIA V. & STANCĂ-MOISE CRISTINA. 2001. Contributions to the knowledge of the Macrolepidoptera from natural complex "Dumbrava Sibiului". <i>Sesiunea Științifică dedicată împlinirii a 75 de ani de la înființarea Stațiunii Biologice Marine „Prof. Dr. I. Borcea”</i> . Agigea-Constanța. 19-20 octombrie 2001: 125-131.
Official publications (laws, decrees, official reports): ***. România. Legea nr. 13 / 1993 pentru aderarea României la Convenția privind conservarea vieții sălbatice și a habitatelor naturale din Europa, adoptată la Berna la 19 septembrie 1979. <i>Monitorul Oficial al României</i> . An V, nr. 62/25 martie 1993. București: 1-20.
PhD thesis: COSTACHE I. 2005. <i>Flora and vegetation Motru River Lower Basin</i> . Ph. D. Thesis, University of Bucharest. Romania. 290 pp., 8 Pl.
Web pages: Muzeul Olteniei Craiova. Secția Științele Naturii. <i>Oltenia. Studii și comunicări. Științele Naturii</i> . (online). 2011.

Publisher: Museum of Oltenia Craiova, Romania. www.olteniastudii.3x.ro (accessed: May 8, 2012).
Entire electronic document or service (data base): ***. Fauna Europaea: Chironomidae. In: <i>Fauna Europaea: Chironomidae, Diptera, Nemathocera</i> . (Ed. H. de Jong) Fauna Europaea version 1.5, http://www.faunaeur.org . (accessed: June 23, 2012).
E-book: AHMADJIAN V. 1967. <i>The Lichen Symbiosis</i> . Blaisdell Publishing Company. Massachusetts. Available from: http://books.google.ro/books?id=at7uXMn8iMC&printsec=frontcover&hl=ro&source=gbs_ge_summary_r&cad=0#v=onepage&q&f=false . 152 pp. (accessed: January 15, 2013).
Electronic publication (papers): DANILEVSKY M. L. 2007. A check-list of Longicorn Beetles (Coleoptera, Cerambycoidea) of Europe. Available online at: http://www.coleoptera-literatura.ic.cz./literatura/checklist_cerambycidae_2007.doc . (accessed: May 20, 2009).
Note: The papers published with other characters than the Latin ones, will be re-written with Latin characters, both in the text and at references, mentioning the original language of publication between square brackets at the end: ALEXANDROVICH O. R. 1995. Reconstruction of the ways of the ground beetles (Coleoptera, Carabidae) fauna forming at the West of the Russian plain. In: I. K. Lopatin, Pisanenko A. D., Shklyarov L. P. (Eds.). <i>Fauna and taxonomy: Proceedings of Zoological Museum of the Byelorussian University</i> , Minsk: Nauka Tekhnika. 1: 52-68. [In Russian].

III. Illustration

<ul style="list-style-type: none"> Images (white/black or colour), tables, graphs and maps are inserted into the manuscript, but the original versions have to be sent also separately: high contrast photographs, electronic images in TIFF format at a minimum resolution of 300 dpi. The references to the illustrations (tables, images, photographs) will be made in the text as it follows: (Fig. 1), (Figs. 1a, b), (Figs. 3; 5); (Table 1); (Photo 1). Graphs must be achieved in Microsoft Excel. 	
The title of a table (in English) will be placed above the table (aligned right), 9 pt., normal.	The title of a figure, photo, map (in English) will be placed below, centred, 9 pt., normal.
<ul style="list-style-type: none"> For photographs and maps: <ul style="list-style-type: none"> - It will be mentioned the word 'original' in case it is achieved by the author/'s of the paper; - It will be mentioned the name of the author/'s between brackets in case it is achieved by another or other persons; - It will be mentioned the web source (if it is the case), which has to be entirely rendered at references, also mentioning the access date. 	
Legend is placed below a table, graph, etc., 8 pt., normal (English)	
!!!!!!For graphs and diagrams, use white, black, grey, different tones and textures. They will not be published in colours.	

Illustrations references (tables, images) (in English), will be made in the text as it follows: (Fig. 1), (Fig. 1a, b), (Figs. 3; 5); (Table 1). The title of a figure (in English), will be centered below the figure; as for tables, put it above (aligned right), both 9 pt., normal. Examples: a) Table 1. List of the identified staphylinids from the Lower Dniester. b) Figure 1. Distribution of the butterfly *Papilio machaon* L.

The paper will be accepted for publishing if:

- **it respects** the aforementioned **requirements**;
- **it acquires a favourable review** from the scientific reviewers of the journal;
- **it is sustained** within the framework of the International Conference "*Museum and scientific research*";
- **the publication fee is paid**;
- **it is respected** the deadline, **April 15** of the current year.

The editorial board has the right to reduce the number of figures and photos (if there are too many as compared to the text of the paper or if they do not correspond to the requirements) and not to accept papers sent after deadline, **April 15, 2025**.

With all the respect for the authors, papers that do not correspond to the recommendations will be sent back.

The responsibility of the scientific content of the papers depends entirely on the authors. Authors must revise the papers reviewed by the reviewers.

The Editorial Board