

**"BELGOROD STATE
NATIONAL RESEARCH
UNIVERSITY "
(NIU "BSU")**

Approved by rector's order
From 04.03.2015
№ 137-ОД

**Regulations of
Belgorod State University
Scientific bulletin**

1. General Provisions

1.1. In the journal " Belgorod State University Scientific bulletin" (hereinafter - Journal) the results of public research, carried out by scientists from research institutions, universities and individuals engaged in scientific research on their own initiative or as part of the service tasks are published.

1.2. Journal series " Belgorod State University Scientific bulletin":

- "Humanities";
- Natural Sciences;
- "History. Political science. The Economy. Computer science ";
- "Mathematics. Physics ";
- "Medicine. Pharmacy ";
- "Philosophy. Sociology. Law ";
- "Experimental and Applied Physics."

1.3. The volume of each issue of the Journal series is up to 200 p., Format - A4, periodicity - 4 times a year.

1.4. The articles in the Journal are published in Russian or English. Depending on the specifics of the individual series of the Journal, articles can be published in other languages.

1.5. Publications in the Journal are subject only to the original papers not previously published in other periodicals.

1.6. The article must correspond to the literary norms of the language in which it is written (Russian, English), to existing international standards and requirements of these regulations.

1.7. The article should be presented in the form, fully prepared for the publication (no additional editing).

1.8. The numbering of the periodic issues of the Journal each year begins with the first issue (current numbering). For the series the double numbering of the

issues (number, issue) is provided. The schedule of the Journal is posted on <http://unid.bsu.edu.ru/unid/res/ved>.

1.9. These Regulations, as well as any changes thereto shall be approved and put into effect by the order of the rector of the university.

2. The requirements for the articles

2.1. The articles should be prepared in accordance with Annexes 1 - 5 of this Regulation.

3. Review

3.1. The Journal publication has to be mandatory reviewed. For the examination of a particular article Editorial Board appoints up to two reviewers with a degree on the profile of the corresponding article.

3.2. The review time limits of scientific papers should not exceed one month from the date of submission of the materials to the reviewers.

3.3. For articles review the procedure of "blind" and anonymous peer-review (the reviewer does not know the author, the author does not know his reviewer) is used.

3.4. Each manuscript is recommended for publication, subject to the positive reviews.

3.5. The reviews are provided in the form of a document certified by the signature and seal of the organization, where the reviewer works (original and an electronic copy in PDF).

3.6. The review can have no particular form, but it is obligatory to conclude: "This article may / may not be recommended for publication."

3.7. The original reviews are stored in the editorial boards of the Journal series for five years.

3.8. In the case of the reviewer's unfavorable opinion the text is confidentially sent back to the author.

4. The order of manuscript submission to the Editor

4.1. Materials for publication should be sent to the secretary in charge of the series by e-mail (as listed on the website of the journal) and in hard copy at: 308015, Belgorod, Pobeda str., 85, FSAEI HEE "Belgorod State Research University" Editorial Board of Scientific statements BSU.

4.2. The composition of the expelled material for publication:

- The article, edited in accordance with Section 2 of this Regulation,
- The scanned version of the article, signed by the authors on the last page,
- The author's certificate (Appendix 2).

4.3. The material submitted to the journal is subject to mandatory review. The order of the review is specified in section 3 of this Regulation.

4.4. The material submitted to the journal, are not returned to the authors.

4.5. The articles are published in the Journal in turn of their submission to the editorial board and review.

5. Failure to publish

5.1. The articles rejected by the Editorial Board, will not be accepted to the reconsideration.

5.3. The material sent without complying with the rules, will not be considered by the Editorial Board.

5.2. The grounds for justified refusal to publish articles include the following conditions:

- Non-conformity of the material constitutes to the series of the Journal;
- Non-compliance of the materials sent to the Section 4 of this Regulation;
- Negative reviews to the submitted material;
- Failure to comply with the author / authors of the article of the Russian legislation on copyright and related rights.

6. Subscription

6.1. The Journal is a subscribed scientific publication.

6.2. You can subscribe to it via the post office according to the catalog "The Russian Press". For regions where there is no mail subscription, you should use an editorial subscription.

All the necessary information on the editorial subscription posted on the website of the Journal (<http://unid.bsu.edu.ru/unid/res/ved/>).

6.3. The editorial boards of the Journal series produce newsletter journal.

Technical requirements for the articles of Belgorod State University Scientific bulletin

The size of the article is within one publication base sheet. The size of the paper takes into account all of its elements, including tables, references, abstract and drawings (2 figures are equivalent to one page of the text).

The file containing the text of the article, including the English summary, tables, figures and captions should be prepared in Microsoft Word 2003 format .doc (not .docx) or .rtf. Fields pages (A-4 format) - all of 2 cm. The text (including tables) should be in Times New Roman, 12 pt, 1 interval, with full justification, and indent the first line of paragraphs 1.25 cm. center alignments applies only to paper title, author's name, the names of institutions and columns. Pages are not numbered. Do not use italic, bold, rarefied fonts. Hyphenation should not be done

"Dash" (long dash) and "hyphen" (short dash) have different style, and semantic notation. A dash (-) - a punctuation mark that replaces most often expresses a predicate or intonation (the so-called intonation dash), is also set to indicate the ranges of values and pages (without spaces), hyphen (-) - a sign, as used to connect parts of a complex word.

As a "minus" sign should be used dash "-".

Multiplication sign should be genuine (insert symbol x), and not like it - in the form of letters x ("ha" Rus.) Or X ("X" Lat.).

Between individual words, signs and symbols one gap should be set in the following cases:

- a) between the preceding and following words;
- b) between the previous and subsequent words in the use of hyphens (example: "compliance - required");
- c) between the number and dimension (Example: 100 cells / l);
- g) between the number and the dimension (example: 5 thousand. sampl. / L).

There should not be gaps in the following cases:

- a) between digits and a hyphen (Example: 1-3);
- b) between the numbers and the sign "percent" (example: 10%);
- c) between numbers and dimensions "degree Celsius" (Example: 15°C);
- d) between the numbers and the multiplication sign (example: 60*90);
- d) between numbers and signs \pm (plus or minus) $<$ (greater than or equal to), $>$ (less than or equal to), $+$ (plus), $-$ (minus) = (exactly), and so on.

Fractional numbers must be given in decimal terms, with integers from fractions must be separated not point and point (example: 34.65).

Automatic numbering or use bulleted lists are not allowed.

The structure of the registration papers of Belgorod State University Scientific bulletin

The text directed to the editor must have the following structure.

1. Before the title of the article you must specify the UDC (top left - without indentation with left-aligned).

2. Coarse in an interval there should be given the name of the article in lowercase - without indentation aligned to the center.

3. Coarse in double spacing there should be dropcaps and names of the authors - without indentation aligned to the center.

4. Coarse in double spacing there should be specified business address with postal code, e-mail the author / co-authors (if it is necessary to remove the hyperlink!)

- No indentation aligned to the center.

5. The following is a summary of the article (CV), which should be located in double interval from the last address of the place of the authors - with indention 1.25 cm, width alignment (here and throughout the text). Annotation size - from 600 to 1200 characters.

6. the keywords must be specified with a new line after the abstract (5-10).

7. Next, in an interval there should be the text of the article. The article should clearly and concisely set out the state of the art, the description of the research methodology, presentation and discussion of the results. Title of the article should fully reflect its content.

It is recommended to standardize the structure of the paper, using the headings: Introduction (theoretical analysis), objects and methods, results and discussion (experimental part), conclusion (Conclusions), Acknowledgements, References.

8. In the "Acknowledgements", the appreciation to individuals, agencies and funds to assist in the research and preparation of this article, as well as the specified number of grants, through which conducted the study should be expressed. The employee's name should be accompanied by the name of the establishment of the institution, city and country in which it is located, the name of a private person by the name of the place and country of residence.

9. At the end of the article (after the bibliography) the name of the article, authors names and places of work of the authors, abstract and keywords with the same formatting rules as in Russian should be given in English. If the article is written in English, its title, authors' names, names of organizations, abstract and keywords are given at the end of the article in Russian.

Summary in English to Russian-language article should be extended (100 to 250 words) and reflect the content of the article (tested version - a recapitulation of the structure of the article, including the introduction, goals and objectives, methods, results, conclusion).

Author's Bio should be filled with the following pattern:

Affiliation

Full Name	
academic degree	
academic title	
place of work	
position	
Postal address	
Contact number	
e-mail	

Tables design

Captions for tables must be presented in two languages (Russian and English).

Tables should be typed immediately after the end of the paragraph referring to them (for example, see Table. 1, at the first mention and see. Table. 1, with repeated mentions).

Each table should have a serial number and a brief clear title (if the article has only one table you don't have to put its number).

The text of the tables should be typed through 1 interval. Table in landscape format ("centerfold"), if they can not be avoided, should be entered in the section break.

Tables should confirm the textual material. Therefore, you should not duplicate the contents in the text. This, however, does not preclude the use of certain generalized data tables in the obtained analysis results.

The structure of the table should be simple, easy to read and easy to place in the journal. You need to avoid cumbersome spreadsheets. Large headlines are not desirable.

Digital materials are submitted as possible in the summary tables. Quantitative data used for comparative analysis should be statistically processed (error of the mean, confidence interval, reliability, sample size, and so on. N.). All columns must have headings. In those graphs you should put value units where necessary, after the title.

Table with the placement of the material only in one line, as well as an extensive table lists the results of flora and fauna studies should not be presented. Such data in their compilation and analysis you should set out in plain text.

All names of indicators in the head of the table given in the nominative plural (eg indicators, Lakes, Acids, Groups, Areas, etc.), except for the words generalizing character, names of indicators, events and the like, which are usually given only in the singular (eg, temperature, number of stations, bacterial biomass, soil character, date, mortality and others.).

In the same column number must be the same size class.

The table may use only standard abbreviations and acronyms introduced by the author in the text. It is not allowed the use of graphical symbols. If any of the data in the table are self-explanatory, the data marked with superscript letters (1^{*} 2^{*} and * ** text for figures) and are explained in a separate line (line) below the table with the word "Note".

Do not use tables instead of drawings of them, as well as tables inserted into the table.

Illustrations' design

Captions should be presented in two languages (Russian and English).

Illustrations (pictures, graphs, charts, etc.) should be placed only if they complement the text of the paper or facilitate the elucidation of the complex material.

All figures should be cited in the text, which are made as follows: in Figure 2, or (Fig. 2) at the first occurrence (see. Fig. 2) - during the second.

Graphs and charts given in this paper should be made in Microsoft Word 2003 and should be available for editing.

Figures placed in the paper should be clear and contrasting. Format Picture - Jpg, Jpeg. Figures should have a position - "in the text."

Captions are typed below the image inserted immediately after the end of the paragraph, in which reference is made to the drawing. The capture must be available for editing. You can insert the picture on a separate page following the page, on which the reference is made to the drawing, if it cannot be placed on the page where the link on it is placed.

The usual charts, graphs and simple schemes should occupy an area of no more than 0.5 standard sheet (approximately 15x21 cm) and only very rich scheme - to 1 standard sheet (about 21 x 30 cm).

Graphs and diagrams should be in black and white.

The combination in one figure more than three graphs or charts is undesirable: it becomes cumbersome, difficult to read.

There can be no figures in the table.

Links and bibliography design

For registration of a list of references GOST 7.1-84 is used. Inline bibliographical references are given numbers in square brackets in the order of their appearance in the text. Sources of literature are listed first in the order of their appearance in the text.

Inline links are given in square brackets, e.g.: [Rubenstein, 1998]. If the publication of two authors indicates that both names and year, for example: [Dorohov, Zaitsev, 2005]. If three or more authors, the surname of the first author only and write "et al." Or «et al. ». For example: [Wen et al., 1984; Shulman et al., 1993]. At the mention in the text the names of Russian authors should write: "Smirnov et al. [1997], it has been shown ..." When referring to the publication of foreign authors you should avoid writing their names in Russian. For example: "But there is another opinion [O'Connor et al., 1993], according to which ...". If necessary, the names of the authors are written in Russian and a number in brackets - in the original with the year of publication, for example: "Weiss [Weiss, 1955] established ...". The same applies to mention names of foreign educational institutions, companies, brand-name products, and so on.

When referring to the brackets on several publications links in chronological order, for example: "A number of studies [Shpigler, 1967; Wrenn, Loomis, 1971; Bychkov, Smirnov, 1989; et al.] has been found to ... ". Moreover, if the quoted work of the same year, the links are arranged in alphabetical order: first Russian, then foreign. If cited several works of the same author (group of authors), published in the same year, he added to the Russian or Latin (for foreign authors) lowercase letters in alphabetical order. For example: [Petrov et al., 1995a, b; Smith, 1997a, d; McAloon et al., 1998b]. The arrangement of the letters is determined by the position of the articles in the "References".

When referencing the original or translated works from lawfully published sources (to the extent justified by the intended purpose), after the reference to the source must specify the page on which is quoted fragment, for example: [Cheng, 1986, p. 20].

References are not numbered. They are placed in alphabetical order, first work, published in Russian and other languages that use the Cyrillic alphabet, and then work published in languages with Latin alphabet. The titles of articles published in Japanese, Chinese and other languages, use a font that is different from the Latin and Cyrillic, are written in the English translation.

References should contain only mentioned in the article works in alphabetical order. The names of sources and works should be specified in full, unabridged, separated from the authors and title of the article point.

For Russian works References should be presented in two versions. Regardless of whether or not there it foreign sources, references to the Russian-speaking and other links should be duplicated in a separate file in the Latin alphabet. If the list contains foreign publications, they are fully repeated in the list in Latin.

When making a list of the literature in Latin, as well as manuscripts in English:

- The names of works in languages that do not use Russian or Latin alphabet must be translated into English, the name must be transliterated Russian journals (except for having an official English name), at the end of the reference indicates the source language (for example, (in Russian));

- In reference to the article of the Russian journal of the translated version is better to give a link to the translated version of the article;

- Russian names monographs, articles and conferences are transliterated followed by an English translation in square brackets;

- The names of publishers should be transliterated (Nauka, Kolos and so on.).

For transliteration it is recommended to use a free program online <http://translit.ru/>, by selecting System Board of Geographic Names (BGN).

Examples of references

Books, monographs

Names and initials of authors, year of publication, title of the book, place of publication, publisher, number of pages.

Dreamed AV 2009. General Biology. Dualist and materialist conception of life on Earth. M., Colossus, 351.

Prisniy A.V. 2009. Obschaya biologiya. Dualisticheskaya i materialisticheskaya koncepcii jizni na Zemle [General Biology. Dualist and materialist conception of life on Earth]. Moscow, KolosS, 351. (in Russian)

References to books, translated into Russian, must be accompanied by references to the original publications indicating output.

Mayr E. 1974. Populations, species and evolution. Trans. from English. M., Mir, 460. (Mayr E. 1970. Populations, Species, and Evolution. Cambridge, Harvard University Press, 453.).

Mayr E. 1974. Populyacii, vidy i evoluciya [Populations, Species, and Evolution]. Moscow, Mir, 460. (Mayr E. 1970. Populations, Species, and Evolution. Cambridge, Harvard University Press, 453.).

Articles in books, monographs or collections

Names and initials of the authors, year, title of the article, the name of the chief editor of the collection, the name of the book (the collection), place of publication, publisher, volume number, issue number, if any, the first and last page of the article.

Gorodkov KV 1984. Ranges types of insects of tundra and forest zones of European Part of USSR. In: Arealy nasekomykh evropeyskoy chasti SSSR [Ranges of insects of European Part of the USSR]. Leningrad, Nauka: 3-20. (In Russian)

Gorodkov KV 1984. Ranges types of insects of tundra and forest zones of European Part of USSR. In: Arealy nasekomykh evropeyskoy chasti SSSR [Ranges of insects of European Part of the USSR]. Leningrad, Nauka: 3-20. (In Russian)

Nabozhenko M.B. 2011. darkling beetles genera Ectromopsis Allard, 1876 and Xanthomus Mulsant, 1854 (Coleoptera: Tenebrionidae) - Representatives supralittoral faunas of ancient and modern marine basins. Proc .: Fundamental Problems of entomology in the XXI century. Proceedings of the International Scientific Conference (St. Petersburg, 16-20 May 2011). St. Petersburg, Izd voSPbGU: 111.

Nabozhenko M.V. 2011. Darkling beetles of genera Ectromopsis Allard, 1876 and Xanthomus Mulsant, 1854 (Coleoptera: Tenebrionidae) as representatives of the supralittoral faunas of paleo- and modern marine basins. In: Fundamental'nye problemy entomologii v XXI veke. Materialy mezhdunarodnoy nauchnoy konferentsii [Fundamental problems of entomology in the XXI century. Materials of international scientific conference (Saint- Petersburg, 16-20 May, 2011)]. Saint-Petersburg, Saint-Petersburg State University Publishing House: 111. (in Russian)

Journal articles

Names and initials of authors, year, title, journal title, volume number, issue number in parentheses, the first and last page of the article.

Bolshakov L.V. 2001. Regional horology-oecological and nature protection analysis of the fauna of plume moths (Lepidoptera, Pterophoridae) of Tula Region. Byulleten 'Moskovskogo obshchestva ispytateley prirody. Otdel Biologicheskiiy

[Bulletin of Moscow Society of Naturalists. Biological series]. 106 (1): 55-61. (In Russian)

Bolshakov L.V. 2001. Regional horology-oecological and nature protection analysis of the fauna of plume moths (Lepidoptera, Pterophoridae) of Tula Region. Byulleten 'Moskovskogo obshchestva ispytateley prirody. Otdel Biologicheskii [Bulletin of Moscow Society of Naturalists. Biological series]. 106 (1): 55-61. (In Russian)

Illiger K. 1806. William Kirbys Familien der bienenartigen Insecten mit Zusätzen, Nachweisungen und Bemerkungen. Magazin für Insektenkunde, 5: 28-175.

Antropov A.V. 1981. To the knowledge of the fauna of the genus *Spilonema* (Hymenoptera, Sphecidae) of South America. Zoologicheskii zhurnal, 70 (11): 57-62. (In Russian, with English summary)

Ongoing multivolume editions

Medvedev SI 1951. Fauna of the USSR. Insects Coleoptera. T. 10. Vol. 1. *Plastinchatousye* (Scarabaeidae). Subfamily. *Melolonthinae*, h. 1 (Khrushchev). M.-JL, Publishing House of the USSR Academy of Sciences, 512.

Medvedev S.I. 1951. Fauna SSSR. Nasekomye zhestkokrylye. T. 10. Vyp. 1. *Plastinchatousye* (Scarabaeidae). Podsem. *Melolonthinae*, ch. 1 (Khrushchi) [Fauna of the USSR. Beetles. Vol. 10. Iss. 1. Scarabaeidae. Subfamily *Melolonthinae*, Part 1]. Moscow- Leningrad, Academy of Sciences of the USSR, 512. (in Russian)

Volkovich MG 1989. New and little known jewel beetles kind *Acmaeoderella* Cobos (Coleoptera, Buprestidae) from the Eastern Mediterranean. Proc .: Proceedings of the Zoological Institute of the USSR. T. 208. Questions systematics of Coleoptera. L., Zoological Institute, USSR Academy of Sciences: 43-63.

Volkovitsh M.G. 1989. New and little known buprestid beetles of the genus *Acmaeoderella* Cobos (Coleoptera, Buprestidae) from the Eastern Mediterranean. In: Trudy Zoologicheskogo instituta AN SSSR. T. 208. Voprosy sistematiki zhestkokrylykh [Proceedings of the Zoological Institute, USSR Academy of Sciences. Vol. 208. Problems of systematic of Coleoptera]. Leningrad, Zoological Institute of Academy of Sciences of the USSR: 43-63. (In Russian)

Zaitsev YM 1982. The larvae of leaf beetles (Coleoptera, Chiysomelidae) from Mongolia. Proc .: Insects Mongolia. Vol. 8. L. Science: 296-307.

Zaitsev Yu.M. 1982. The larvae of chrysomelid beetles (Coleoptera, Chrysomelidae) from Mongolia. In: Nasekomye Mongolii [Insects of Mongolia]. Vol. 8. Leningrad, Nauka: 296-307. (In Russian)

Internet resources

VA Krivokhatsky 2012. Ant lion. EBook. URL: <http://www.ecosystema.ru/Olwelcome/articles/lions/index.htm> (18 February 2013).

Krivokhatsky V.A. 2012. Murav'inyy lev [Antlion]. Available at: <http://www.ecosystema.ru/Olwelcome/articles/lions/index.htm> (accessed 18 February 2013). (In Russian)

GenBank. Available at: <http://www.ncbi.nlm.nih.gov/genbank>.

Heldsingen van P.J. 2012. Araneae. Fauna Europaea version 2.5. Available at: <http://www.faunaeur.org>.

Pravila Tsitirovaniya Istochnikov [Rules for the Citing of Sources]. Available at: <http://www.scribd.com/doc/1034528/> (accessed 7 February 2011).

Dissertation abstracts

Prisniy YA 2009. The use of the frequencies of occurrence of morphological abnormalities in the Coleoptera (Insecta, Coleoptera) in the local monitoring. Abstract. Dis Cand. biol. Sciences. Belgorod, 21c.

Prisniy Y.A. 2009. Ispol'zovanie chastot poyavleniya morfologicheskikh anomalii u zhestkokrylykh nasekomikh (Insecta, Coleoptera) v lokal'nom monitoringe [The use of the frequencies of occurrence of morphological abnormalities in the Coleoptera (Insecta, Coleoptera) in the local monitoring]. Abstract, dis cand. biol. sciences. Belgorod, 21. (in Russian)