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**CONTENT**

**BIOLOGICAL SCIENCES**

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| ***Belyi P.N.* Species of Coenogonium (Coenogoniaceae, Lichenized Ascomycota) in the flora of Belarus** ………………………………………..  ***Summary***  The investigation provides new information on the distribution of *Coenogonium pineti* (Schrad. ex Ach.) Lücking & Lumbsch in Belarus. Recently *C. pineti* has been found to be more or less common when the ecological requirements are met. It is most frequent on *Picea abies* (L.) H. Karst. (ca 49,0%) and *Pinus sylvestris* L. (32,8%). It was less commonly recorded on *Betula pendula* Roth (6,3%), *Alnus glutinosa* (L.) Gaerth. (3,1%), *Quercus robur* L. (1,6%), *Salix fragilis* L. (0,5%), *Tilia cordata* Mill. (0,5%), on mosses (3,6%), plant debris (1,6%) and rotten wood (0,5%).  ***Zerkal S. V., Bondar J. V., Khodnevich J. V.* The problem of the introduction of Caroline rhododendron (Rhododendron carolinianum Rhed.) and Pontic rhododendron (Rhododendron ponticum L.) in the south-west of Belarus** ………………………………………………………..  ***Summary***  Possibility of two kinds introduction of sort Rhododendron L. is studied. – *Rhododendron carolinianum Rhed. and Rhododendron ponticum L.* The comparative analysis of climatic conditions of natural areas of these kinds with their areas mass introduction is carried out. That will allow to approach to the choice of species structure which is the most optimal to the region of southwest of Belarus rationally.  ***Timofeeva Т. А.* Radio-ecological characterization of bottomland landscapes (on the example of floodplain Sozch)** ………………………….  ***Summary***  The article presents information on the horizontal migration of 137Cs in the flood plain of the river Sozh near the village of Novoselki and Raduga of Gomel region, vetka District. The conclusion about the impact of landscape and biogeochemical features of the area on migration and sorption of radionuclides in the soil are made.  **PEDAGOGICAL SCIENCES**  ***Djiga N. D., Djiga О. V.* Psychological and acmeological concept of creativeness and self-realization of teachers and students as future specialists through the development of intellectual functions** …………….  ***Summary***  In this research, we forecast (make predictions) that for creative and selfcreative activity of a teacher and a student as a future specialist it is important to create conditions for the determination of further selfadvancement and self-development of the student with the use of his own potential opportunities and intellectual resources, improving not only efficiency in the activity, but also the desire of the teacher and of the student to selfrealization.  ***Kirjushin I. V.* Mathematical concept formation in high schools students on the basis of application of the ideas of meaningful generalization** ……  ***Summary***  An algorithm of the introduction of notions, based on modeling of physics and technical tasks in theoretical course of teaching mathematics to students of engineering-technical professions of higher educational establishments is offered. As an example of entering notion an indefinite integral is considered. This method has been named as «convergent syntheses». The method is assumed to increase motivation in basic training in mathematics. The approach guarantees intergration of mathematics’ and physics’ content in the theory of teaching.  ***Koshman D. М., Koshman М. G.* Essential characteristics of future teachers’ acmeological competence** ………………………………………...  ***Summary***  The article deals with the essence, structure, functions, levels and types of akmeologic competences of future teachers. The contence and essence of structural components (motivation, cognitive, sense, activity, professional, social and cooperative, reflexive and managing) are reflected. The main functions (motivation, cognitive, normative and regulative, creative, developing) are summarized.Three levels of acmeologic competence are given (low, medium, high). The characteristic of its types is given (traditional, evolutional, action and reflection).  ***Muravjova О. S., Shevando Е. А.* Psychological and pedagogical aspects of the process of adaptation of the first-year students’ to the learning in high school** …………………………………………………………………...  ***Summary***  Adaptation of first-year students to training conditions in a University – one of the major problems of the higher educational establishments. The further study in a University, professional work and personal growth of the student depends on efficiency of the given process at the first year, from mastering of necessary professional knowledge, skills, and also their creative use. Therefore optimization of processes of adaptation of first-year students to a way of life new to them and activity, and also revealing of psychological and pedagogical conditions of optimisation of the given process are extremely important problems.  ***Selivanova L. I.* Personal self-development: its nature and means of realization in the process of modern educational** ………………………….  ***Summary***  At present the idea of personality self-development is utterly important for many concepts concerning man and it is in great demand as a subject and basis for scientific discussions and the basis of pedagogical innovations. The article deals with the results of theoretical research dealt with personality self-development. The approaches to the essence of this phenomenon and the ways of its realization in the educational practice are given.  **PHYLOLOGICAL SCIENCES**  ***Gubskaja V. М.* Interpretation of the novel "Vilnius Communards" by M. Gorki (1931-1932) in Belarusian literary** ………………………………  ***Summary***  In a systematic way this material reflects the efforts of researchers in literature to restore the name of M. Goretski for Belarusian literature, after the official rehabilitation of the writer. For instance, we consider different interpretations of the novel «Vilenskija Communary» (1931–1932) by M. Goretski in the Belarusian literary critic. Emphasis is laid on the width of the range of views on the novel: from the novel-chronicle, a historical novel about the revolution, to the first in the Belarusian literature polyphonic novel with elements of newsreels, descriptive, adventurous and yet realistic messages.  ***Dymova Е. А.* Causative relation in a sublanguage of Medicine** ………….  ***Summary***  The article deals with the vital for the theory of nominative derivation questions connected with the category of causativeness. Causativeness is one of the fundamental theories that helps to look further than morphology in its traditional understanding and to turn to the study of the units of the adjacent levels. When analyzing causative relations term-verbs and their analytical correspondencies in sublanguage of medicine are in the center of attention. Special attention is paid to the opposition «causative – de-causative». Various methods of causative meanings presentation in nominative rows are presented. According to the author, word combination in the derivative function can present various grammatical meanings of the verb and in some cases can be the only way of expressing causativeness.  ***Ioskevich М.М.* Mythological implied sense of the main characters’ images as a structure-forming principle of novels “People from the swamp” and “breathe of thunderstorm” by I. Melezh** ……………………  ***Summary***  The aim of the article is to give the mythological analysis of images of the main heroines of I. Melezh’s novels «The people on the marsh» and «The breath of thunderstorm». The mythological opposition found in the images of two main heroines is obviously constructed in the structure of the novels. These structural principles can be announced as parallelism and contrast.  ***Kralevich N.V.* Word-formative relations in the semantic structure of a polysemic word: submission (inclusion) (based on the Chinese and English languages)** …………………………………………………………..  ***Summary***  Among the variety of the epidigmatic relations that can be found in the semantic structure of a polysemantic word less studied type is subordination. Subordination as the type of epidigmatic relations was first described by G. Paul, but it wasn’t still thoroughly studied. In this article different types and features of the polysemantic words of the Chinese and English languages with the subordinative relations are described.  ***Panfilova Е. G.* Experience in modeling grammatical structure of the literary language phraseology (on the basis of the phraseological corpuses of Russian, Belarusian and German languages)** ………………..  ***Summary***  The article considers the grammatical structure of Russian, Belarusian and German phraseology based on the modeling corpus with high-frequency nouns, adjectives and verbs. It also shows the proportion of phrasemes correlative and non-correlative with parts of speech and the proportion of grammatical classes of phrasemes in three languages. The main similarities and differences between the grammatical structures of phraseology of three languages are revealed.  ***Sazhina Е. V.* Linguistic image of the recipient of polemical discourse** ….  ***Summary***  The article is devoted to the peculiarities of interconnection of polemic discuss components of printed mass media. The repertoire of language means used for expressing agreement and disagreement is revealed.  ***Seregina S.Е.* Verbs of speech activity in the texts relating to news (based on the material of Spanish press)** …………………………………………..  ***Summary***  The article reveals the peculiarities of the speech verbs functioning in the news genre of the Spanish publicistic text and determines their role in organizing the text material. The author examines the semantic, grammatical and text characteristics of the verbs and also the factors which make for their choice in the news genre of the publicistic text. The texts from the news block of the Spanish press (El País, El Mundo, ABC) served as a practical material for the investigation.  ***Prohorenko L.V.* Metaphors by Pushkin as an object of translation into the Belarusian language** …………………………………………………….  ***Summary***  A. Pushkin’s figurative means are regarded in the original and its translation into the Belarusian language and the main principles of translation are defined.  ***Sidorets V. S.* Revisited the problem of aspect category in Russian language** ……………………………………………………………………...  ***Summary***  In this article the questions, connected with the category of aspect in Russian, are examined. The attention is paid to the different viewpoints. Author’s position on the giving problem is stated.  ***Sosnovskaja О. А.* Badge text: the problem of definition** ………………….  ***Summary***  The article is devoted to the analysis of present-day experience of linguistic and linguocultural studies of communicative neologisms and to the definition of text status of badge texts. The range of contemporary sociocultural realities reconstructed by badges is defined, the image presentation of this realities is analyzed; the dynamics of value worldview represented by this speech units is traced in this article. | 3  8  13  20  31  38  43  47  52  58  63  68  74  81  85  90  95  99 |
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