

АННОТАЦИИ СТАТЕЙ НА АНГЛИЙСКОМ ЯЗЫКЕ

PHILOLOGY

P. 7. *Bakulev Aleksey V.* Taganrog State Teacher Training College. **THE SYNONYMY OF SYNTACTIC LANGUAGE MEANS CONSTITUTING THE MICROFIELDS OF CAUSE AND EFFECT WITHIN THE FRAMEWORK OF THE FUNCTIONAL AND SEMANTIC FIELD OF CAUSE AND EFFECT IN MODERN RUSSIAN.** The article describes the functional and semantic field (FSF) of cause and effect in Modern Russian as it is split into the microfield of cause and the microfield of effect. The syntactic language means expressing the semantic categories of cause and effect are analyzed and transformed into the constituents of the microfields given. The author of the article aims at proving the syntactical synonymy of the two microfields constituents and the FSF of cause and effect gnoseological character.

Key words: FSF; microfield; cause; effect; synonymy.

P. 11. *Golev Nikolay D., Shpilnaya Nadezhda N.* Kemerovo State University; Kuzbass Regional Pedagogical Institute named by N.M. Golanskaya. **THE LANGUAGE WORLD SHAPE AS A TEXT, WHICH CONSTITUTES A CATEGORY (USING COMPOSITION ON THE SUBJECT OF THE PICTURE «A GIRL WITH PEACHES» BY W.A. SEROV).** The article is devoted to the problem of text, which is the formation language world shape. The author views a model of speech and intellectual activities, which have the main components: picture of the world – language world shape – text.

Key words: language world shape; linguistic personality; speech and intellectual activities; modus aim, modus script.

P. 17. *Klinkova Anna A.* Institute of Management and Business of Far Eastern National University. **REFLECTION OF AMERICAN CULTURAL VALUES IN DISCOURSE ON JAPAN.** This article views mass-media discourse on Japan as the instrument of transmitting cultural values of American society such as freedom, equality, individualism, success, independence, action orientation and others. The research is done through the prism of cultural oppositions: individualism/collectivism, multiculturalism/isolationism, agent/patient cultures, low-context/high context cultures.

Key words: values; evaluation; American culture.

P. 22. *Konstantinova Anna A.* Southern Institute of Management. **PROVERBS AND SAYINGS IN MODERN ANGLO-AMERICAN PRESS: AUTHORIAL USE OF TRADITIONAL PAREMIAS.** Creative use of proverbs and sayings is predominant in modern Anglo-American press. Traditional paremias frequently serve as the basis for creation of authorial expressions and aphorisms. They are coined with the help of multifarious devices, the use of which is indicative of journalists' mastery of the language and demonstrates their unconventional treatment of traditional social views.

Key words: paremias (proverbs and sayings); press; creative modification; authorial expressions.

P. 26. *Nikonova Nataliya Ye.* Tomsk State University. **BIOGRAPHY OF THE POET AND THE TRANSFER-PROBLEM: THE GERMAN MONOGRAPH OF K. VON SEIDLITZ ABOUT V.A. ZHUKOVSKY.** In this article the German monograph of K. von Seidlitz about V.A. Zhukovsky «Wasily Andrejewitsch Joukoffsky. Ein Russisches Dichterleben» (1870) is described for the first time. The book in fact corresponds with its Russian variant «Life and work of V.A. Zhukovsky» (1883). The characteristic of differences and additions is given; the reasons and the significance of them become clear. The specific transfer-method is indicated, which became traditional in Zhukovsky studies.

Key words: the biography of the poet, the transfer problem in the study of literature, V.A. Zhukovsky's creative work, K. von Seidlitz.

P. 32. *Tashlykova Marina B.* Irkutsk State University. **THE MEANING OF 'PARTIALITY' ('PREDILECTION' VS. 'BIAS') IN MODERN RUSSIAN LANGUAGE.** The present paper investigates the phenomenon of derivational redundancy in the domain of word-formation of nomina abstracta. The paper is concerned with certain peculiarities of Russian words that express the meaning of 'partiality' ('predilection' vs. 'bias'). The central purpose is to explore the reasons of coexistence of several abstract nouns (both deverbative and deadjective) within the same word family.

Key words: nominalization; semantics; functioning of derived nominals.

P. 39. *Khovanskaya Oksana N.* Taganrog State Pedagogical Institute. **INDIVISIBLE COMMUNICATIVE UNITS (KOMMUNIKEMY) IN JUNIOR SCHOOLCHILDREN'S SPEECH: GENDER ASPECT.** The regularities of various types of indivisible communicative units functioning are revealed on the basis of quantitative-qualitative analysis of junior schoolchildren and grown-ups' speech in gender aspect. It is determined that in feminine person's speech more units of this kind are functioning, moreover, they are more varied than in masculine person's speech. The units with positive emotional coloring prevail.

Key words: kommunikemy; gender aspect; junior school children's speech; feminine person's speech; masculine person's speech.

PHILOSOPHY, SOCIAL AND POLITICAL SCIENCES

P. 43. *Antipov Mikhail A.* Penza State Pedagogical University named after V.G. Belinsky. **SOCIAL HELP TO THE TERMINALLY DISEASED AS A DISPLAY OF HUMANISM IN SOCIAL LIFE.** This article considers the socially-philosophical aspect of social help to terminally diseased people as a display of humanism. The author claims that humanism is the main foundation of this phenomenon of social life. Means about humanism are described concerning the terminally diseased.

Key words: social help to the terminally diseased; humanism; terminally diseased.

P. 46. *Kirdyashkin Ivan V.* Tomsk State University. **THE BEHAVIOUR OF A POLITICAL SUBJECT IN THE FORMAT OF YOUTH MOVEMENTS.** This article considers the peculiarities of political subject behaviour under the transformation of cultural and ideological social life programmes, its social and political institutes. Youth movements are viewed as forms of political subjectivity realisation. The author of the article regards them as mechanisms of ritualized action.

Key words: youth movement; political subjectivity.

P. 52. *Popravko Vasilij N.* Tomsk State University. **CLOSED MEMBERSHIP INTERNET COMMUNITIES AS A FORM OF COMMUNICATION IN VIRTUAL SPACE.** This article is devoted to consideration of closed membership Internet communities as a new social phenomenon. It explicates the concept of Internet community in general, as well as exposes the causes of the closed membership communities development, communication environment specificity, inclusion and exclusion mechanisms, normative system and other characteristics which enable the differentiation of the segments of Internet's social environment.

Key words: Internet; virtual community; closed membership community; virtual social environment; type of communication.

P. 55. *Pudikova Anna A.* The municipal дума of Tomsk. **THE PERSONALITY FORMING IN THE INTERNET: THE ONTOLOGICAL ASPECT.** The process of the personality forming in the modern world is connected with the Internet role increase in the person's activity. The individual socialization formation takes place with its features: the person's being originality, the concernment of the person's emotional experience, the decreasing of the social stratification role, the increase of the importance of the vital values self-dependent forming, the individual being forming as the mastering of the finished information, its analysis, appraisal and processing.

Key words: person; personality; individuality; Internet.

P. 59. *Tarnapolskaya Galina M.* Tomsk State University. **THE SPECIFIC OF IMAGE CREATION IN JAPANESE ART.** The main idea of the present is that Japanese cultural traditions are characterized by particular type of images, which corresponds to the images of dreams. It determines specific artistic methods of image in Japanese culture, which, on the one hand, make the perception of Japanese art for people of other cultures difficult, and, on the other hand, by their unique fascinate even those, who are not yet familiar with the peculiarities of Japanese mentality. The specific of image genesis is illustrated on the material of medieval Japanese literature, and modern animation, on the basis of the theory of poetical and theatrical creation.

Key words: Japanese artistic image; dream; emotionality.

P. 67. *Utkina Antonina N.* Belovo Institute of Kemerovo State University. **ABOUT THE PROBLEM OF QUALITY OF EDUCATION IN CONDITIONS OF MASS DEMAND.** In modern world higher education is changing from the elite to the mass one. That's why views on higher education and its quality are changing rapidly. And there is a point of view that diversification of higher education causes low quality of education. In our opinion, accessible higher education is not an antipode of the quality higher education in the conditions of mass demand for it.

Key words: quality of education; higher education; accessibility of education.

CULTUROLOGY

P. 69. *Vydrina Olga V.* Tomsk Polytechnic University. **PHILOSOPHICAL AND CULTURAL-HISTORICAL CONTEXT TO DEFINE POWER.** The author argues the thesis and touches upon the problem of power. She considers that freedom, will and aim are characteristic features of human being. These features are discovered broader than only in the political sphere. Therefore the problem of power is not only the political problem.

Key words: power; human being; freedom; will; aim; political problem.

P. 72. *Dashiyeva Lidiya D.* Institute of Mongolian, Buddhist and Tibetan Studies of SB RAS. **ULIGERS OF KHORY-BURYAT.** In this article the genre of the Buryat heroic epic named «uliger» is considered. The peculiarities of the musical rhythm and form of «uliger» characterizes the epical tradition of Khory-Buryat.

Key words: heroic epic; epical tradition; Khory-Buryat.

P. 74. *Stroy Liliya R.* Personnel and Documentation Department of the Ministry of Culture of Krasnoyarsk region (Krasnoyarsk). **SIBERIAN PRE-REVOLUTIONARY PRESS ABOUT ARTISTIC EXHIBITIONS IN TOMSK, IRKUTSK AND KRASNOYARSK CITIES.** This article examines the formation of exhibition activities in Tomsk, Irkutsk and Krasnoyarsk cities via press materials of pre-revolutionary period. The beginning of exhibition organization is regarded as one of the most important parts of Siberian artistic culture forming.

Key words: artistic critique; artistic exhibition; Tomsk; Irkutsk; Krasnoyarsk.

P. 78. *Shakhmatova Yelena V.* Russian Institute for Cultural Research (Ramenskoye). **MYTHOLOGICAL CREATIONS OF THE SILVER AGE.** The article provides information on the reasons for turning on to mythology in art. The author argues that the myths on apocalypse and metempsychosis, on seven races and our origin became popular due to the crisis in art at the turn of the XIX–XX centuries. The writing elite rose above the reality paying their attention to mysticism, theosophy and antroposopy.

Key words: culture; Silver Age.

HISTORY

P. 86. *Bogdanova Olga V.* Tomsk State University. **TO THE PROBLEM OF INTERPRETATION OF THE WORD «ARCHITECT».** The article investigates the definition of the word «architect» in its pre-revolutionary and modern interpretation. The question «Who can be called an architect?», which was urgent in the XIXth – XXth cc., is examined on the basis of many explanatory dictionaries and periodic magazines.

Key words: definition; architect.

P. 92. *Vyatkin Valeriy V.* Perm Institute of Rail Transport. **SOVIET TYPE OF STATE-CHURCH RELATIONS.** The article deals with the analysis models of dialogue between the state and Church in the soviet times. The author brings to light distinctive features of model and their general ideas in the church policy of communists. The conclusion of the article is devoted to the basis of the post-soviet types of relations between the two opponents in the examined period.

Key words: state; Church; state – church relations.

P. 95. *Dorofeyev Mikhail V.* Tomsk State University. **LAND CONFLICTS BETWEEN PEASANTS (PEASANTS-IMMIGRANTS AND PEASANTS-OLD RESIDENTS IN THE ALTAI IN 1880).** The reasons of land conflicts between peasants-immigrants and peasants-old residents in the context of influence on them of the traditional right which was practically not considered by the official legislation are considered.

Key words: Siberia; peasants; land conflicts.

P. 99. *Poutrik Yuriy S.* Russian State University of Tourism and Service, Moscow State University. **THE DEVELOPMENT OF THE SYSTEM OF PROFESSIONAL TOURIST EDUCATION AND SCIENTIFIC MAINTENANCE SPHERES OF TOURISM IN THE USSR AND THE RUSSIAN FEDERATION.** Evolution and transformations of system of scientific maintenance of tourist branch in the USSR and the Russian Federation from 1960s till 2008 are considered. The insufficiency of the scientific maintenance of the sphere of tourism is shown which results in the country's condition of the missed benefit because of the inefficient use of the richest cultural, historical and natural tourist potential. It is judged the necessity of the strengthening of the role of science in questions of definition of prospects of development of tourist branch regarding the historical experience of the countries – leaders of world tourism.

Key words: tourism; scientific maintenance; tourist potential; historical experience.

P. 101. *Rumyantsev Vladimir P.* Tomsk State University. **THE FACTOR OF OIL IN THE POLICY OF THE UNITED STATES IN THE MIDDLE EAST, 1957–1959.** The role of oil in the policy of the United States in the Middle East in the context of realization of the Eisenhower's doctrine is analysed in the article.

Key words: oil; Eisenhower's doctrine; Middle East.

P.107. *Troitskiy Evgeniy F.* Tomsk State University. **US SECURITY POLICY IN CENTRAL ASIA AND ITS INFLUENCE ON THE INTERNATIONAL RELATIONS IN THE REGION (2001–2007).** The article analyzes the dynamics of the US military and political presence in Central Asia and its influence on the regional interstate relations.

Key words: USA; Central Asia; politics.

P. 110. *Shirokov Anatoliy I.* Northeastern State University (Magadan). **FORMS AND METHODS OF THE USSR NORTHEAST COLONIZATION IN 1930–1950S: DALSTROY.** The author of the article analyzes the qualitative and quantitative characteristics of the processes in the Northeast of the USSR for the period from 1920 till 1950s. Their contents will help to solve the question of the essence of forms and methods of the governmental policy in the region and to determine its character.

Key words: development; «the second colonization wave»; North-East of Russia; Dalstroi.

LAW

P. 115. *Vedernikov Andrei N.* Russian State University of Trade and Economics. **HISTORICAL SKETCH OF FORMATION OF THE CONSTITUTIONAL LEGAL PROCEEDINGS IN MODERN RUSSIA.** In the article the important historical aspects of formation of the Constitutional court of Russia are brought up. The history of formation of the constitutional legal proceedings as the independent is revealed.

Key words: the constitutional court; the constitutional manufacture.

P. 118. *Kujuget Taan-oo K.* Tyva State University. **ABOUT THE METHOD OF INVESTIGATING TAX CRIME.** The article describes the main moments of tax crime investigation. The criminalistic characters of crime and of investigation are the main categories that form the system «investigation of tax crime».

Key words: investigation of crime; tax crime.

P. 121. *Nechepurenko Aleksey A.* Omsk Academy of the RF Ministry of Internal Affairs. **PROBATION AS A PHENOMENON OF CRIMINAL LAW.** The article investigates the legal nature, the essence and the contents of probation as a phenomenon of criminal law originated from the idea of punishment under conditions. The author suggests the notion and gives the definition of the phenomenon mentioned. The article contains some approaches to identify probation as a complex legal institution.

Key words: examination; crime law.

P. 125. *Popova Olesya A.* Tomsk State University. **PRECONDITIONS OF OCCURRENCE AND DEVELOPMENT OF DIAGNOSTIC RESEARCHES IN HANDWRITING.** The article is devoted to preconditions of occurrence and development of diagnostic researches in handwriting – one of the most actual directions of research in criminalistics nowadays. Also other aspects are mentioned: historical, political, and also achievements in different areas of science.

Key words: handwriting; handwriting science; diagnostics; researches; identification.

P. 129. *Yuriyeva Larisa A.* Kemerovo State University. **THE IDEA OF «PROFESSIONAL MANAGEMENT OF MULTIPLE DWELLING» AND ITS REALIZATION IN THE MODERN HOUSING LEGISLATION.** In the article the problem of realization of reformers' project in housing and communal services about the division of control and service functions in standards about contract of management of multiple dwelling is viewed.

Key words: multiple dwelling; management; service; contract.

ECONOMICS

P. 133. *Baranova Inna V.* Siberian Finance and Banking Academy (Novosibirsk). **ESTIMATION OF COMPARATIVE EFFICIENCY OF DEVELOPMENT AND SMALL BUSINESS SUPPORT PROGRAMS IN NOVOSIBIRSK.** The article dwells upon the urgent need of small business support in full accordance with crisis management measures of the RF government; also, the existing approaches of interpreting budget funds effectiveness are considered and comparative efficiency of purpose-oriented programs of development and small business support for Novosibirsk in 2005–2007 and 2008–2010 is estimated.

Key words: small business support; crisis management measures; budget funds effectiveness.

P. 138. *Gainanov Damir A., Kantor Olga G., Kazakov Vladimir V.* Institute of Social and Economic Research of RAS Ufa Scientific Centre. **ESTIMATION OF LEVEL OF SOCIAL AND ECONOMIC DEVELOPMENT OF TERRITORIAL SYSTEMS BASED ON METRIC ANALYSIS.** The method of estimation of level of social and economic development of territorial systems shown in this work is based on the objective data of metric analysis. This represents a solution of a multi-criteria problem of alternatives' regulation by means of minimization of the Euclid distances in indicator and criteria spaces.

Key words: territorial system; multicriterial problem of decision analysis; multiattribute criterion, metric.

P. 145. *Gorokhova Yelena S.* Center of culture and leisure, the teacher of college of Federal educational establishment of the maximum vocational training « Russian state university of tourism and service» (Pushkino). **MARKETING APPROACH TO THE HIGHER SCHOOL EDUCATIONAL ACTIVITY MANAGEMENT.** In the article the role of educational activity in educational process is shown and the expediency of application of the marketing approach to its management is proved. Results of approbation of the offered approach are given, allowing to reveal the basic lacks of educational activity of the investigated higher schools and to define the directions of its perfection.

Key words: education; educational activity; marketing approach; monitoring; quality and effectiveness of educational activity.

P. 148. *Grigashkina Svetlana I.* Belovo Institute of Kemerovo State University. **SALARY EFFICIENCY ESTIMATION METHODS.** The article is to research the complex understanding of the economic and social efficiency of salary; the method gives opportunity to define the connection between the salary and labor efficiency.

Key words: salary efficiency; labor efficiency; connection.

P. 153. *Gryaznova Mariya A., Mullagaleyeva Zimfira Z.* Kemerovo State University. **ANALYSIS OF SOCIAL-ECONOMIC DEVELOPMENT PROPORTIONS OF OLD INDUSTRIAL REGION (ON THE EXAMPLE OF KEMEROVO REGION).** In the article authors propose using a specific method to identify the problems of development of old industrial region, which is based on the analysis of proportions of social-economic development. This method allows to define the main problems of old industrial region, interconnecting them, and find perspective directions of development of old industrial regions.

Key words: old industrial region; proportions; social-economic development.

P. 157. *Ishuk Tatiana L.* Tomsk State University. **THE FEATURES OF STRATEGIC PLANNING IN THE HIGHER EDUCATION.** In this article features of strategic planning in the higher school and the models developed by representatives of different schools are considered. The author's algorithm of strategic planning in the higher school is offered.

Key words: strategy; strategic planning; sphere of higher education; model of strategic planning.

P. 163. *Mishchuk Svetlana N.* Institute for Complex Analysis of Regional Problems, Far East Division of RAS (Birobijan). **EXTERNAL RELATIONS OF THE JEWISH AUTONOMOUS REGION: INTERNATIONAL AND INTER-REGIONAL ASPECT.** The article deals with the degree of influence of the trade and the migration processes on the Jewish autonomous region economic development. These relations study is based on the comparative analysis of its dynamics and structure at the inter-regional and international level. The opposite migration streams forming is revealed in the JAR. The inter-regional circulation is very important in the trade relations.

Key words: the Jewish Autonomous Region; inter-regional and international trade; migration.

P. 168. *Pan Roman B.* Tomsk State University. **THE MODEL OF LABOR PROCESS.** Due to the specification of the concepts of intellect and creativity the concept of brainwork was redefined. The model of work from the point of view of the process approach is developed, which allowed to develop the requirements to stimulation of brainwork.

Key words: brainwork; intellect; creativity; motivation.

P. 172. *Rastvortseva Svetlana N., Segedin Vladislav N.* Belgorod State University. **TO THE QUESTION ABOUT FACTORS OF THE REGIONAL DEVELOPMENT EFFICIENCY INCREASING.** The article deals with economic and social efficiency conception of the regional development, the main factors of its formation are explored. On Belgorod region example the estimation of the foreign economic activity and investment attractiveness influence on economic and social efficiency with use the methods of correlation and regression analysis and calculation dynamic multiplier is given.

Key words: regional socio-economic efficiency; efficiency management; regional economic potential; region external economic potential; Belgorod region.

P. 178. *Chikov Mihail V.* Tomsk State University. **BENEFITS AND THREATS OF THE INTERACTION OF CORPORATE STRUCTURES AND FINANCIAL MARKETS IN THE GLOBAL ECONOMY.** The article presents levels of interdependence of corporate structures and financial markets, the discrepancy of formation and development of these relations on the example of the developing economy in Russia, threat of interaction of domestic corporations and the financial markets in the global marketplace.

Key words: corporate governance; globalization; institutional analysis.

PSYCHOLOGY AND PEDAGOGICS

P. 182. *Botyayev Valeriy L., Zagrevskiy Oleg I.* Tomsk State University. **PSYCHOMOTORICAL ABILITIES OF SPORTSMEN TO THE VISUAL-SPACE ORIENTEERING AND THEIR INTERCOMMUNICATION WITH VISUAL-SPACE PERCEPTION.** The levels of formation of visual-space orienteering of sportsmen of different kinds of sport on the basis of the motive-motor test are determined and the level of its intercommunication with visual-space and time perception is revealed.

Key words: psychomotorical abilities; intercommunication; visual-space orienteering.

P. 186. *Vedeneyeva Ekaterina V.* Chelyabinsk State University. **THE INTERRELATION OF A MOTIVATIONAL COMPONENT OF PERSONAL HELPLESSNESS AND LEADING ACTIVITY AT DIFFERENT AGE STAGES.** The article covers the results of an empirical research of the interrelation of a motivational component of personal helplessness and leading activity in groups of «helpless» and «independent» examinees at younger school age, teenage and young age.

Key words: personality helplessness; leading activity.

P. 190. *Galazhinskiy Eduard V., Litvina Svetlana A., Muravyeva Olga I.* Tomsk State University. **SOCIAL AND PROFESSIONAL COMPETENCIES AND DEFICIENCIES OF THE STUDENTS OF PRIMARY AND SECONDARY VOCATIONAL EDUCATION: PROBLEM SETTING.** In the article the conclusion about the deficiency of approximately the same substantial «set» of competencies for the specialists of any level of vocational education is drawn as a result of analysis of investigation on social and professional competencies and deficiencies of students and graduates of vocational education system. This set is completed not so much by subject competencies, as by psychological and socio-psychological ones. Therefore the task of general and social competencies indication, their levels, criteria of development and conditions of forming determination is primarily the task of psychology.

Key words: students; primary and secondary vocational education; educational deficiencies; competency-based approach; competencies.

P. 197. *Zagrevskaya Aleksandra I., Shilko Viktor G.* Tomsk State University. **TECHNOLOGICAL APPROACH TO THE PHYSICAL CULTURE EDUCATION OF STUDENTS ON THE BASIS OF MODULE EDUCATION.** The article considers the technology of module education in the physical culture education of students. The principles of working out a module programme according to the rules of module education are proposed.

Key words: physical culture; technology; physical culture education; module education.

P. 204. *Lebedeva Olga A.* Nizhny Novgorod State Pedagogical University. **METHODIC PRINCIPLES OF FORMING OF A LANGUAGE SENSE FOR FOREIGN STUDENTS-PHILOLOGISTS IN THE PROCESS OF LEARNING THE DISCIPLINES OF THE HISTORIC AND LINGUISTIC CYCLES.** This article is a part of Ph.D. The principles and methods of forming and development the sense of the Russian language in the process of learning the Russian language history are described in this research.

Key words: a language sense; the Russian language history; principles; methods.

P. 207. *Obdalova Olga A.* Tomsk State University. **TITLE OF THE PAPER: PECULIARITIES OF THE NEW PEDAGOGICAL EDUCATIONAL ENVIRONMENT WHEN TEACHING FOREIGN LANGUAGES.** The article focuses on examining the specificity of the new pedagogical educational environment, which is being formed as the result of the introduction of information technologies into the life of the society. Its pedagogical, methodological, didactic and technological features in the process of teaching foreign languages are being revealed. The information and communication space is studied from the point of view of its didactic potential and its role of being an integral part and technological basis of modern system of education focused on self-study of students.

Key words: new pedagogical educational environment; information technologies; didactic potential; teaching foreign languages.

P. 212. *Panarin Igor A.* Siberian Academy of Public Administration, the Altai region branch. **PERSONALITY TRAITS OF YOUTH MOVEMENT LEADERS WITH DIFFERENT LEVELS OF READINESS TO ASSUME SOCIAL RESPONSIBILITY.** Leaders of modern pro-social youth movement in Russia are predominantly on the middle level of readiness to assume social responsibility (SR) and only 6,6% of them belong to high level. There are significant distinctions between these four groups of leaders according to the data: dominating, ability to have a certain status, social presence, flexibility (CPI).

Key words: social responsibility; youth movements; leaders; social and psychological characteristics.

P. 218. *Poleva Nadezhda V.* Krasnoyarsk State Pedagogical University named after V.P. Astafiyev. **METHODS OF THE BODY WEIGHT REDUCTION IN SINGLE COMBAT.** In the given article the positions on rational regulation of the athlete's weight are generalized and new methods of the athlete's weight reduction before competitions are offered, consisting in fluent, clearly regulated and controlled process of the weight reduction due to natural factors with the use of the building individual graphs of the mass within a day. Introduction of this method in the burn-in process will allow supporting the optimum physical preparedness of a fighter, reducing the body mass before competitions.

Key words: the reductions of the weight; methods of the reduction of the weight; methods and facility of the reduction of the weight.

P. 223. *Stoyanova Irina Ya., Mazurova Larisa V.* Tomsk State University. **PSYCHOLOGICAL WORK WITH ALCOHOL DEPENDENCE AND CO-DEPENDENCE PROBLEMS (GENDER ASPECTS).** Problems of psychological care for substance dependent persons and their family members with health disturbances and personality development in form of co-dependence are discussed.

Key words: alcohol dependence; alcoholic family; co-dependence; psychological care.

BIOLOGY

P. 225. *Bondarenko Aleksey V., Dmitriyev Ilya I., Maneev Aleksandr G.* Gorno-Altai State University. **LEPIDOPTERA, RHOPALOCERA OF THE MOUNTAINOUS-STEPPE LANDSCAPES IN SOUTHWESTERN TYVA: FAUNA AND POPULATION.** On the basis of the results of the assessments of *Lepidoptera Rhopalocera* done on the routes 164 km long in 2006 the analysis of the faunistic diversity, the number of the population, the abundance and ecological groupings in high mountainous tundra, alpine-tundra, forest, forest-steppe, steppe and intermountain valley landscapes in Southwestern Tyva was given for the first time. The GPS mapping with exact localization of the elevation above the sea level for *Lepidoptera Rhopalocera* of the mountains in the south of Western Siberia was done for the first time as well.

Key words: faunistic diversity; *Lepidoptera*; GPS mapping.

P. 232. *Bysyina Maria F.* Tomsk State University. **SYSTEMATICAL STRUCTURE OF LOCAL FLORAS OF THE LENO-AMGA WATERSHED PLAIN (CENTRAL YAKUTIA).** Systematical structure of local floras of the Leno-Amga watershed plain (Central Yakutia) was given in this article.

Key words: systematical structure; local floras; Central Yakutia.

P. 235. *Gureyeva Irina I., Shmakov Aleksandr I., Kuznetsov Aleksandr A., Vaganov Aleksei V.* Tomsk State University, Altai State University. **SPORE MORPHOLOGY OF THE SIBERIAN CRYPTOGRAMMA R. BR. EX RICHARDS SPECIES.** The method of raster electronic microscopy is used to examine the spores of 3 *Cryptogramma* species inhabiting the Siberian territory. Intersectional and interspecific distinctions in the spore morphology are established. The intersectional distinctions are revealed in the form and outline of spores in polar and equatorial position; the interspecific differences – in the surface character and exosporium sculpture, the size and arrangement of knobs and grooves running between the knobs, the presence of tubercles. In species of *Cryptogramma* section (*C. crispa*, *C. raddeana*) spores in polar position are rounded-triangular, lacinate, with crenate outline; in equatorial position on the distal side – protuberant, on proximal side – concave, rising up along the scars. In a species of *Homopteris* section (*C. stelleri*) spores in polar position are triangular-rounded with wavy or almost even outline; in equatorial position – convexo-convex, pyramidal-trihedral on the proximal side.

Key words: *Cryptogramma*; Cryptogrammaceae; spore; morphology; SEM-micrograph.

P. 239. *Kuklina Tatiana E., Danchenko Anatoliy M.* Tomsk State University **THE AUTUMN DEVELOPMENT OF BETULA PENDULA ROTH AND BETULA PUBESCENS EHRH. IN TOMSK LANDSCAPE GARDENING AND FOREST STANDS.** The peculiarities of *Betula pendula* Roth. and *Betula pubescens* Ehrh. of autumn development in Tomsk landscape gardening and forest stands are considered in this article. The results of 2-year observations are given. The considerable differences in the dates of phenological phases pass between the objects and between the species in each object during one year and between the years of observations are marked.

Key words: *Betula pendula*; *B. pubescens*; phenological phases; green plantations.

P. 243. *Prokopyev Evgeniy P., Rybina Tatiana A., Merzljakova Irina E.* Tomsk State University. **THE PROGRAM AND METHODS OF RESEARCHES OF FLORA'S VASCULAR PLANTS ON ESPECIALLY PROTECTED NATURAL TERRITORIES OF TOMSK.** In article the unified methodical approach of research of flora of the urbanized territories is discussed.

Key words: sinantropization; anthropogenous transformation; ecotop.

P. 248. *Stepantsova Nadezda V.* Siberian Institute of Plant Physiology and Biochemistry, SB RAS. **THE BRIEF ANALYSIS OF THE STEPPE FLORA OF BAIKALO-LENSKY NATURE RESERVE.** The brief analysis of taxonomic, zone structures and the analysis of the distribution of Baikalo-Lensky reserve steppe flora are given, the comparison of reserve steppes with other steppe areas of Siberia is carried out, the sites of reserve steppes distinguished according to the floristic structure are allocated and the reasons of their distinctions are explained.

Key words: Baikalo-Lensky reserve; steppe flora; influence of congelation.

P. 252. *Shaburova Natalia I., Sheveleva Natalia G.* State Nature Reserve «Baikalo-Lenskiy», Limnological Institute of SB RAS. **STRUCTURE AND COMPOSITION OF ZOOPLANKTON IN MULTI-TYPE SMALL LITTORAL LAKES OF NORTHWESTERN BAIKAL (CAPE BOLSHOY SOLONTSOVY).** Species composition, structure formation of fauna complex of rotifers and crustaceans were studied using traditional estimates of species richness, diversity, and dominance in small littoral water bodies of Lake Baikal situated at the Cape Bolshoy Solontsovy. Inter-annual values of zooplankton community were estimated taking into account morphological and biotic peculiarities of lakes for the period of studies (2000–2001, 2005).

Key words: Multi-type small lakes; species diversity; zooplankton; structure-forming complex.

SCIENCES ABOUT EARTH

P. 258. *Evseyeva Nina S., Kvasnikova Zoya N.* Tomsk State University. **ATMOGENIC PROCESSES DURING THE COLD PERIOD IN AGRICULTURAL LANDSCAPES OF THE SOUTHEASTERN PART OF WEST SIBERIAN PLAIN AND THEIR LANDSCAPE AND GEOCHEMICAL ASPECTS.** The article deals with the dynamics and intensity of the atmogetic processes during the cold period in agricultural landscapes of the southeastern part of West Siberian Plain from 1989 till 2008. It was established that the deflation of the arable soil develops annually, has intermittent nature, different intensity and focal spread. The accumulation of measures is developed everywhere and associated with local, regional and global processes occurring in the atmosphere.

Key words: atmogetic processes; landscape and geochemical aspect.

P. 261. *Kramarenko Violetta V., Emeljanova Tamara J.* Tomsk Polytechnic University. **THE CHARACTERISTIC OF PHYSICAL PROPERTIES OF HIGH-MOOR PEAT IN TOMSK DISTRICT.** The results of the study of the ash contents of peat, its decomposition degree, the botanical composition and physical properties of the peat of high-moor bog in Tomsk district are described in the arti-

cle. The relationships between the characteristics of their compositions, conditions and properties are discovered for forecasting of the behaviour of peat soil under building constructions.

Key words: marsh; types of peat; composition; properties; variability; correlation of characteristics; forecast; Tomsk district.

P. 265. *Kosov Anton V.* Institute of Monitoring of Climatic and Ecological Systems SB RAS. **ACCIDENT RATE OF OIL PIPES AND ENVIRONMENTAL CONSEQUENCES CONNECTED WITH NATURAL AREAS POLLUTION (BY THE EXAMPLE OF OLENIE OILFIELD).** Some problems of extraordinary accidents with producers' oil pipes at the territory of Olenie oilfield have been shown in the article. According to the physiographic description of the investigated area the analysis has been done of reasons of the accidents, the statistic calculation of their number as well as the calculation of the impact of oil pipes exploitation period on the accident rate. The summary has been made.

Key words: oilfields; pipeline emergencies; pressure on ecosystem.