

SUMMARIES OF THE ARTICLES IN ENGLISH

PHILOLOGY

P. 7. *Averina Anna V.* Moscow State Pedagogical University. **ON THE ROLE OF STRUCTURES WITH EPISTEMIC MEANING IN THE EXPRESSION OF TENSE AND ASPECT (IN GERMAN).** The article deals with the potentialities of the constructions with epistemic meaning to express the meaning of tense and aspect at the level of the smallest thematic unit – «dictheme». It is shown that it is very important to take into account such relevant points as information significant for communication, theme and rheme.
Key words: tense; aspect; theme; rheme; epistemic modality.

P. 12. *Dubrovskaya Natalya V.* Tomsk State Pedagogical University. **METAPHOR OF IDENTIFICATION AS A CONDITIONAL METAPHORICAL UNIT OF THE SELKUP LANGUAGE.** This article is a prolongation of a complex research of the notional category of abstractedness/concreteness by the example of the Selkup language. The article deals with the questions of the metaphorical transfers of denominations.
Key words: metaphor; identification; abstract nouns; concrete nouns.

P. 16. *Kalitkina Galina V.* Tomsk State University. **«YEARS» AS A NAME FOR TEMPORAL CONCEPTS OF TRADITIONAL CULTURE.** In the dialect the noun «years» is one of the names of different temporal concepts of the traditional culture. Among the concepts there exists a specific concept «the age of majority» which has been influenced by the elite culture.
Key words: concept; age; traditional culture; dialect.

P. 24. *Kuznetsov Dmitry V.* Kemerovo State University. **TEMPORAL RELATIONS AS A COGNITIVE SCHEME FRAGMENT.** It is argued that certain fragments of language systems are apprehended uniformly irrespectively of learners' linguistic and metalinguistic knowledge beyond the scope of the systems in question. New mental models of performance created in the process of the second language acquisition coincide with those created by children acquiring the mother tongue.
Key words: grammatical category; linguistic person; universal matrix; interlanguage.

P. 30. *Novikova Yulia V.* Tomsk State University. **BARD-ROCK CULTURE IN THE ASPECT OF THE VALUE PICTURE OF THE WORLD: THE CONCEPT «CREATIVITY».** The article represents the research of the value picture of the world of the persons belonging to bard-rock culture. The value picture of the world is verbalized in the poetic texts. One of the main concepts is analysed – the concept «creativity», its semantic filling is considered.
Key words: the linguistic picture of the world; discourse; concept.

P. 34. *Orlova Olga V.* Tomsk State Pedagogical University. **ON COGNITIVE-STYLISTIC AND COGNITIVE-DISCURSIVE APPROACHES TO THE STUDY OF CONCEPTS.** In the article two approaches to the study of concepts are considered: the cognitive-stylistic approach and the cognitive-discursive one. Comparing the already existing interpretations of discourse and concept that are found in the contemporary linguistic studies the author gives proof of the topicality of the study of textual concepts of different discursive-stylistic nature (scientific, belles-lettres, media concepts and etc.) within the communicative stylistics of the text.

PHILOSOPHY, SOCIAL AND POLITICAL SCIENCES

P. 38. *Bondarenko Lyubov F.* Gorno-Altai State University. **FORMATION OF CHRISTIAN THINKING IN THE CULTURE OF GORNY ALTAI.** The article gives a general notion of the Christian world outlook, of the cardinal difference between this type of outlook and the mythological one. The process of development of the Orthodox Christian Thinking, the Christian religious sentiment and the corresponding to it vision of the world existing in the culture of Gorny Altai are being analysed, and a thesis is set forward that the origin of the Christian thinking was the result of cultural and educational activities of the Altai Spiritual Mission.
Key words: Christian thinking; Orthodox Culture; Russian Orthodox Church; Missionary Work.

P. 42. *Guliyevskaya Natalya V.* Novosibirsk State Medical University. **PROBLEMS OF FORMING STUDENTS' PROFESSIONAL IDENTITY IN MEDICAL INSTITUTES OF HIGHER EDUCATION IN THE CONDITIONS OF MODERN RUSSIAN SOCIETY.** The article considers the problems of professional identity of students of a medical institute of higher education in the conditions of higher medical education modernisation. Preparing the article the author used the data collected within the framework of the project «Research of Social Adaptation of Student Youth» in Novosibirsk State Medical University.
Key words: professional identity; motivation of getting medical education; professional reflection; hysteresis; habitus.

P. 45. *Kirchanov Maxim V.* Voronezh State University. **PROBLEMS OF NATIONALISTIC DISCOURSE DEVELOPMENT IN INDONESIA IN 1920s – 1930s.** Problems of nationalistic discourse development in Indonesia between two world wars are analysed in this article. The author analyses the processes of political parties and movements establishment. Special attention is paid to the fragmentation of political space and institutionalisation of different trends in Indonesian nationalism.
Key words: Indonesia; nationalism; political protest; anti-colonial protest; nationalistic movement; Indonesian political parties.

P. 51. *Kushnarenko Sergey P.* Novosibirsk State Technical University. **PHILOSOPHY OF THE WORD IN THE NOVEL «CITADEL» BY ANTOINE DE SAINT-EXUPERY.** This article is devoted to the philosophy of A. de Saint-Exupery's language. The basic ideas of this philosophy are revealed in the novel «Citadel». Exupery shows that the reader extracts the sense of the word only if he has his own experience. Exupery points at the necessity of introducing a new onset of interpretation, in addition to the being of the writing and to the being of the interpreter's personality.
Key words: A. de Saint-Exupery; philosophy of word; interpretation; writing; sense.

P. 55. *Nesterov Alexandr Yu.* Samara State Aerospace University. **THE TECHNICALITY OF THE PHILOSOPHICAL HERMENEUTICS OF H.-G. GADAMER AND E. BETTI.** The author of the article considers the question about practical usage of the philosophical results, achieved by the «Historically Affected Consciousness» («Wirkungsgeschichtliches Bewußtsein») and the «Interpretation Canons» traditions, i.e. the question about the influence of the two important constructs of philosophical hermeneutics of the 2nd half of the 20th century on the «technicality of understanding» as signified by F.D.E. Schleiermacher.

Key words: understanding; interpretation; Historically Affected Consciousness; hermeneutics; semiotics.

CULTUROLOGY

P. 61. *Korobeynikova Larisa A.* Tomsk State University. **MULTICULTURALISM: OPEN DISCOURSE.** The article deals with the analysis of multiculturalism as one of the trends of contemporary cultural philosophy. Multicultural concepts develop the productive idea of openness in philosophical discourse as the reflection of the process of changes in culture and cultural pluralism.

Key words: multiculturalism; global discourse; subject.

P. 64. *Svintsova Tatiana O.* Tomsk State Pedagogical University. **KNOWLEDGE AS A FACTOR OF POWER: SOCIAL AND CULTURAL ASPECT OF THE PROBLEM IN HISTORY.** In this article the historical aspect of the role of knowledge in the power structures of the state is researched. The author has the opinion that the significance of the power of knowledge has always been typical. But this role strengthens along with the development of the society from the ancient world to our time. Today the knowledge has become the main resource of power. Therefore modern society is the society of knowledge.

Key words: power of knowledge; state; society; «social treaty»; society of information; resource of power.

P. 67. *Tikhonova Yevgeniya P.* Tomsk State University. **THE CHOICE OF A NEW CULTURE STRATEGY.** The 20–21st centuries are presented as a symbolic «culture turn» border line. The crisis of the modern time is expressed as an opposition of political systems, cultures, religions and civilisations. At present the world needs a new life strategy: cultural and linguistic pluralism.

Key words: crisis; modern culture; civilization; cultural and linguistic pluralism.

HISTORY

P. 72. *Bogdanova Olga V.* Tomsk State University. **ON THE HISTORY OF THE CIVIL ENGINEERING SCHOOLS ESTABLISHMENT.** The article shows the prerequisites for the establishment of the Civil Engineering Schools in Russia in 1832. The main educational institutions, which trained skilled personnel in architecture and engineering in Russia at the beginning of the 19th century, are examined. The special features of training future personnel at these educational institutions are exposed.

Key words: civil engineers; school; development.

P. 76. *Gololobov Yevgeniy I.* Surgut State Pedagogical University. **ECOLOGISATION OF UNIVERSITY HISTORY EDUCATION: REGIONAL ASPECT.** The article focuses on the problem of ecological education. The author argues that ecologisation of historical education is the imperative of our times. The most efficient way to reach this objective is through the studies of regional history.

Key words: ecological education; regional history.

P. 80. *Kudriashev Vyacheslav N.* Tomsk State University. **A.I. HERZEN AND M.A. BAKUNIN ON THE «POLISH PROBLEM» (1840s – 1860s).** This article considers the views of the Russian «populist movement» members of the second half of the 19th century on one of the most complicated political national issues in the history of Russia. The revolutionary and reformist versions are shown, which were proposed by socialists for the solution of Polish–Russian confrontations.

Key words: Russian revolutionists; Polish problem.

P. 85. *Khaminov Dmitry V.* Tomsk State University. **FORMATION AND DEVELOPMENT OF HISTORY SCIENTIFIC SCHOOLS IN TOMSK UNIVERSITY IN 1940s – 1980s.** The article is devoted to the study of the development of history as a science in Tomsk State University – its historical and scientific schools in 1940s – 1980s.

Key words: Tomsk University; historical science; science schools.

P. 91. *Shirokov Anatoliy I.* Northeastern State University (Magadan). **BERLAG: ESTABLISHMENT AND FUNCTIONING OF A SPECIAL CAMP OF THE MINISTRY OF DOMESTIC AFFAIRS IN KOLYMA.** The article is devoted to the study of the processes of Special camp of the Ministry of Domestic Affairs #5 establishment and functioning in Kolyma within the period from 1948 till 1954. The data used by the author allows representing the specific intensification of the penal policy of the Soviet totalitarian regime of the second half at the turn of 1940s – 1950s more clearly.

Key words: Soviet totalitarian regime; penal policy; Kolyma; special camp of the Ministry of Domestic Affairs.

LAW

P. 96. *Buchakova Marina A.* Omsk Academy of the Ministry of Internal Affairs of the Russian Federation. **COORDINATION IN THE SYSTEM OF STATE GOVERNMENT.** The article describes the research of the category of coordination in the system of state government and its influence on the effectiveness of the governing process.

Key words: coordination; state government; system; state.

P. 99. *Georgiyevsky Eduard V.* Irkutsk State University. **ON CRIMES COMMITTED BY SUPERSTITION IN PRE-REVOLUTIONARY CRIMINAL LAW OF RUSSIA.** The present article is dedicated to the types of survivals of past times of substantive criminal character in the pre-revolutionary criminal law of Russia. The features of crimes committed by our ancestors with superstitious motives, their subjective attitudes to such crimes are revealed.

Key words: crime; pre-revolutionary Criminal Law; motive of superstition.

P. 103. *Popov Igor V.* Omsk Academy of the Ministry of Internal Affairs of the Russian Federation. **NATURAL ENVIRONMENT OFFENSES. CONCEPT AND CONTENTS.** The crimes listed in Chapter 26 of the Criminal Code of the Russian Federation are examined in this article. The author suggested naming this chapter as «Natural Environment Offences» since the term «ecological» is vague in meaning and is not acceptable in the criminal law. The social danger of such crimes was examined. The natural environment offenses definition was determined. It was suggested to transfer some components of Chapter 26 of the Criminal Code of the Russian Federation to other Chapters of the Criminal Code.

Key words: ecological; crimes; offences; natural environment.

P. 107. *Raykova Nadezhda S.* Khakas State University named after N.F. Katanov. **THE SYSTEM OF THE CONSTITUTIONAL LEGAL PROCEEDINGS PRINCIPLES (ON THE MATERIALS OF THE CONSTITUTIONAL COURT OF THE RUSSIAN FEDERATION).** The article observes the notion and the structure of the system of the constitutional legal proceedings principles. The author offers the criteria, which permit ascribing a certain idea to the principles of the constitutional legal procedure. Two levels of the principles system, including general legal principles, which are realised in the constitutional legal action, and judicial principles of different branches, are presented. The main versions of the classification of legal proceedings principles are analysed.

Key words: constitutional legal proceedings; constitutional legal proceedings principles; principles of constitutional court activity; classification of constitutional legal proceedings principles.

P. 111. *Rakhvalova Marina N.* Novosibirsk State Technical University. **TITLE USERS OF DWELLING.** In this article the author considers the problem of the necessity to systematize the title users of dwelling and to make suggestions about modification of the existing Russian legislation.

Key words: dwelling; title users of dwelling.

P. 113. *Chubakov Sergey V.* Tomsk State University. **THE DEVELOPMENT OF VIEWS ON THE PRINCIPLES OF PENAL LAW IN THE DRAFTS OF CORRECTIONAL LAW AND PENAL LAW.** The article is devoted to the research of the evolution of views on the system and contents of the correctional labour law (penal law) in the drafts about the execution (serving) of punishment given for discussion. The positions of the corresponding drafts about the principles of this branch of law, the reasons of the existing uncertainty and variety of views relating to the system itself, and the principles it covers are analysed.

Key words: principles of penal law; drafts of correctional law.

ECONOMICS

P. 117. *Gontar Nicolay V., Kizhikina Valentina V., Kirsanova Natalya V.* North-Caucasian Scientific Institute of Economic and Social Problems of Southern Federal University. **FUEL AND ENERGY COMPLEX OF ROSTOV REGION AS A FACTOR OF SOCIAL TRANSFORMATION: TENDENCIES AND FEATURES OF DEVELOPMENT.** The article is devoted to the problems of the interference of the fuel and energy complex and the social subsystem of the territory in the conditions of market transformation and crisis transition of the fuel sector, the formation of local social problems, and also in the context of formation of power security of macro-regional value by example of Rostov region.

Key words: fuel and energy complex; Rostov region; social problems; East Donbass.

P. 123. *Isopeskul Olga Yu.* Higher School of Economics (Perm). **THE PROBLEM OF COORDINATION OF AN ENTREPRENEURIAL FORMATION CULTURAL SPACE.** The article gives an institutional opinion about the essence of the entrepreneurial formation culture as a total of two basic institutions that facilitate the process of contracting within any organisation – «organisation culture» and «corporate culture». A matrix of the degree of coordination of the company's culture and the content characteristics of the distinguished quadrants are given.

Key words: corporate culture; organisation culture; coordinated cultural space.

P. 130. *Kazakov Vladimir V.* Tomsk State University. **ISSUES OF BALANCED TARIFF POLICY IN HOUSING AND COMMUNAL SERVICES.** This article touches some issues of the balanced tariff policy in housing and communal services. New trends are revealed. Problems of price formation as well as the procedure and stages of tariff formation, agreement are described.

Key words: tariff policy; economically justified tariff; regional energy committee; billing center; price formation; energy resources saving.

P. 137. *Kaznacheyeva Natalya L., Morgunov Aleksandr V.* The Siberian State University of Telecommunications and Computer Science (Novosibirsk). **STRATEGIC CORPORATE MANAGEMENT BASED ON THE BALANCED SYSTEM OF PARAMETERS.** In the article the authors have made an attempt to calculate the efficiency of introducing strategic management at the experimental enterprise. The managerial tool is the balanced system of parameters. For the last years corporate management has become one of the most discussed topics in Russian scientific and business circles. Managing should correspond to the concept «management of changes». The sample of such corporate management is the balanced system of parameters developed by R. Kaplan and D. Norton in America in 1990s.

Key words: efficiency; strategic management; balanced system of parameters.

P. 140. *Nefyodov Vladimir A.* **SOME APPROACHES TO IMPROVEMENT OF THE MECHANISM OF FINANCING, CONTROL AND CASH FLOWS ADMINISTRATION IN HOUSING AND COMMUNAL SERVICES.** This article touches some issues of financing housing and communal services. New trends in payment collection are considered. The problem is raised and measures being undertaken to resolve it are described.

Key words: public utility companies; housing and communal services; available housing; managing company; billing; center; price formation; energy resources saving.

P. 147. *Nekhoroshev Yury S., Taran Yekaterina A.* Tomsk Polytechnic University. **INFLUENCE OF RAID ON MODERNISATION OF RUSSIAN ECONOMY.** The article considers the raid as a market macroeconomic phenomenon. The authors give a refined defini-

tion of the concept «raid» taking into account national peculiarities. The basic ways of development of Russian raid and its influence on economy modernisation are analysed.

Key words: unfriendly acquisition; raid; property repartition.

P. 150. *Petukhov Oleg N.* Tomsk Polytechnic University. **FACTORS OF COST CHANGE IN THE RUSSIAN FEDERATION INDUSTRY AND ABROAD.** The factors of cost change for production and their classification have been described. The classification of factors, which are reasonable to take into account in planning the costs under the product diversification conditions, has been presented.

Key words: management of costs; factors of cost change; classification of factors.

P. 156. *Roshchina Irina V., Mozgolin Boris S.* Tomsk State University. **SYSTEM OF END-TO-END MONITORING OF PROGRAMS OF SOCIAL AND ECONOMIC DEVELOPMENT OF TERRITORY REALISATION.** Estimation of programs of development is a condition of the increasing quality and efficiency of territory management. The article considers the methods of estimation of the programs of the local economic development based on the end-to-end integrated approach. The estimation is conducted from the standpoint of the external and internal consensus of the programs of various levels.

Key words: monitoring; end-to-end integrated approach; consensus; external consensus; internal consensus; program of social-economic development.

P. 159. *Tulupova Olga N.* The Siberian State Medical University (Tomsk). **TOMSK REGION HEALTHCARE AGENCY WORKERS' SALARY DURING THE PILOT PROJECTS IMPLEMENTATION PERIOD (2006–2008).** The author analyses the changes in salaries of Tomsk region healthcare agency workers during the pilot projects implementation period. The increase in salaries of medical workers is marked. The salary is set in dependence on quality that is essential at the transition to the new systems of payments in budgetary establishments and specifies the increase of the stimulating role of salary.

Key words: stimulating function of salary; national and pilot projects; single-channel financing.

P. 162. *Fukalova Ludmila L.* Gazprombank (Open Joint-Stock Company), Tomsk Branch. **RESERVES FOR INCREASE IN PRODUCTIVITY OF LABOUR ON THE BASIS OF UTILISATION OF INNOVATIONS.** Directions of rising of operation effectiveness of a commercial bank from the point of view of constructing the optimal system of labour organisation technologies are considered in the article.

Key words: labour organization; productivity of labour; innovations; risks; quality of labour life.

PSYCHOLOGY AND PEDAGOGICS

P. 165. *Vitvar Oksana I.* Norilsk Intersectoral Institute for Advanced Study and Professional Retraining. **PEDAGOGICAL EDUCATIONAL SITUATION AS A MECHANISM OF FORMATION OF SOCIAL SPHERE EXPERT'S PEDAGOGICAL COMPETENCE.** Modern experts of social sphere should possess pedagogical knowledge and skills to solve social work tasks effectively. Development of educational pedagogical situations and their introduction into the educational process does much to promote the formation of the pedagogical competence level necessary for experts nowadays. The given work offers a technique and its effectiveness in solving the problem in the system of advanced training.

Key words: social sphere expert's pedagogical competence; person developing pedagogical educational situation; integrated pedagogical space.

P. 170. *Kozhevnikova Inna Yu.* Omsk State Institute of Service. **PRACTICE OF ORTHODOX CAMPS AND COMPOSITION OF PILGRIMAGE EXPEDITIONS AS A METHOD OF SPIRITUAL UPBRINGING IN SOCIO-CULTURAL ACTIVITY.** Nowadays there is a reassessment of the role and the place of religion in the history of Russia, it is concerned with its big influence on spiritual and moral development of the person, therefore religious erudition of citizens, as well as their knowledge of traditions of Orthodoxy and culture of the native place, became the necessity of the time. The socio-cultural approach contains greater opportunities for realisation of essential requirements to the educational system and successfully coexists with other pedagogical systems and technologies, such as project methodology, integrative approach and pedagogical (educational) situations.

Key words: spiritual upbringing; pilgrimage; socio-cultural approach; orthodox camp; pedagogical situations.

P. 174. *Kutbiddinova Rimma A., Yeromasova Alexandra A.* Sakhalin State University (Yuzhno-Sakhalinsk). **POLYETHNIC EDUCATIONAL ENVIRONMENT OF A HIGHER SCHOOL AS AN OBJECT OF PSYCHOLOGICAL-PEDAGOGICAL RESEARCH.** The theoretical analysis of concepts «polycultural education», «multicultural education», «polyethnic education» is presented in the article. The currency of the question about the influence of polyethnic educational environment of a higher school on the development of a personality is discussed.

Key words: polyethnic educational environment of institute; polyethnic education.

P. 180. *Mamykina Lyudmila A.* Omsk Humanitarian Institute. **CONCEPTUAL BASES OF THE MATH TEACHING METHODOLOGICAL SYSTEM DESIGN THEORY (MATH AS A MAJOR).** The article considers the basic conceptual aspects of the design theory of methodological system for teaching math as a major subject. The author's opinion on the concept of designing the new methodological system for teaching math is generated through the ideology of work, the system of regulations and principles on the basis of theoretical, methodological and technological knowledge.

Key words: structure; level; content of education; method of personal approach to training; system-formation factors; individual educational trajectory; socialisation of students; continuity; purpose; planning results of training.

P. 186. *Nezdemkovskaya Galina V.* Institute of Family and Upbringing (Moscow). **FORMATION OF ETHNOPEDAGOGICS IN RUSSIA.** The article presents ethnopedagogics as an interdisciplinary branch of scientific research, distinguishes the stages of its formation and its peculiar features at each of them, embracing the formation of ethnopedagogics from the common ideas up to the systematically worked out theoretical and methodological notions, describes the modern condition, the topical problems of ethnopedagogics,

thus stating the increasing demand for systematic research in that sphere. The article is of great interest to scientists, post-graduate students, teachers of social studies at pedagogical institutes and colleges.

Key words: ethnopedagogics; ethnopedagogical knowledge; folk pedagogics; traditional folk upbringing; folk culture.

P. 194. *Semyonova Lidiya M.* South Ural State University (Chelyabinsk). **THE GENESIS AND MODERN STATE OF THE PROBLEM OF PROFESSIONAL IMAGE-FORMING.** The article is devoted to the historiography of image formation abroad and in Russia. The work objective is to study and analyse the process of beginning, formation and development of image. The work result is exposing the stages of development of image, including the professional one.

Key words: image; professional image.

BIOLOGY

P. 200. *Sobchak Raisa O., Zotikova Albina P.* Gorno-Altai State University, Institute of Monitoring of Climatic and Ecological Systems SB RAS (Tomsk). **THE INFLUENCE OF HIGH ALTITUDES ON ANATOMICAL AND PHYSIOLOGICAL FEATURES OF CONIFEROUS NEEDLES OF *PINUS SIBIRICA*.** The article studies the morphological, anatomical and physiological features of *Pinus sibirica* (Du Tour) at different life stages. The investigation has proved that a lifespan of coniferous needles in Gornyy Altai is up to seven years. The author states that as cedar needles grow and age, the correlation of their anatomical structures does not change. However the age brings changes in the content of pigments, the number of chloroplasts and their photosynthetic activity.

Key words: *Pinus sibirica*; anatomical and physiological features of coniferous needles; the Altai Republic; age changes.

P. 203. *Fuzella Tatiana Sh.* Institute of Monitoring of Climatic and Ecological Systems SB RAS (Tomsk). **AGROECOSYSTEM APPROACH BASED ON THE ECOLOGO-ENERGETIC ANALYSIS (NELYUBINO FARM).** This article describes the energetic analysis of Nelyubino agroecosystem (Tomsk region). It shows that in the new commercial conditions, when subsidy is cut down, farming is reducing spatially very quickly. It has been established that a considerable part of energetic inputs belongs to indirect energy (70% of the total on the average).

Key words: agroecosystem; energy flows; eco-energy analysis.

P. 208. *Shepeleva Lyudmila F., Lukyanenko Diana N.* Surgut State University. **THE CONDITION OF THE ORCHIDACEAE POPULATION ON THE TERRITORY OF BOLSHOY SALYM AND IRTYSH INTERFLUVE.** The article gives the results of the research of the age conditions and phytocenotical relevance of the members of the *Orchidaceae* family on the territory of Bolshoy Salyk and Irtysh interfluvium, and the evaluation of the cenopopulations stability.

Key words: *Orchidaceae*; cenopopulations; inhabitation area; age spectrum; index of aging.

SCIENCES ABOUT EARTH

P. 214. *Zyrianova Luisa A., Chekalin Veniamin M., Litvinov Nicolay D., Gamaleyev Nicolay V.* Tomsk State University. «Sibir-Polimetally», Ltd. (Rubtsovsk), Rubtsovsk Mine (Poteryayevka settlement). **ON THE RARE FIND OF MARSHITE IN THE OXIDIZED ORES OF THE RUBTSOVSK POLYMETALLIC DEPOSIT (RUDNY ALTAI).** The macro-quantities of marshite and argentiferous marshite (cupric and argentic iodides) have originally been distinguished in the oxidized ores of the Rubtsovsk polymetallic deposit. This is a mineralogical sensation to a certain extent. They are concentrated within the bottom of the zone of oxidation, thus entering the paragenesis of minerals of the subzone of the secondary oxide enrichment.

Key words: marshite; zone of oxidation; Rudny Altai.

P. 217. *Lukovskaaya Irina A., Sevastyanov Vladimir V., Yakovenko Eleonora S.* Tomsk Scientific Research Institute of Balneology and Physiotherapy, Tomsk State University. **BIOCLIMATIC RESOURCES OF KUZNETSKO-SALAIRSKAYA MOUNTAIN AREA.** The dependence of repeatability of favorable and adverse weathers on average monthly values of meteorological elements is estimated. The equations of correlation between the groups of weathers and the meteorological sizes received by numerical methods by the aeroclimatic data are used. The repeatability of groups of weathers for the mountain territory of Kuznetsko-Salairskaya area is calculated.

Key words: bioclimate; classes of weather; recreation; medical climatology.

P. 224. *Rodygin Sergei A.* Tomsk State University. **THE SIGNIFICANCE OF THE DEVONIAN CONODONTS FOR GEOLOGICAL MAPPING LEGEND PRECISION IN THE RUDNY ALTAI.** The data of new finds of conodonts in Zmeinogorsk and Zolotushka regions of the Rudny Altai are described in the article. Conodonts were found in Givetian and Frasnian stages of basal sections. Standard conodont zones *ensis*, *varcus*, *Late hassi*, *jamieae*, *rhenana* have been established. The fact of common finding of conodonts and goniatites of *Pharciceras* and *Manticoceras* zones is quite interesting. The accurate definition of the stratigraphical schema is very important for making the legends of 1:200000 scale geological maps more precise.

Key words: Devonian; conodonts; stratigraphy; Rudny Altai; geological mapping