

ON THE LIFE JUBILEE OF Doc. RNDr. JOZEF VESELSKÝ, CSc.



On December 17th, 1983 Doc. RNDr. J. Veselský, CSc., worker at the Geological and Mineralogical Department of the Natural Sciences Faculty of Comenius University, reached in full vitality fifty years.

Borned in the late "Račišdorf", the present Rača, the district of Bratislava, he finished the studies at the Secondary School on Chemistry in Banská Štiavnica and graduated at Geological Faculty of Leningrad State University.

In Leningrad he studied the crystallography and first of all the crystallochemistry and was taught there by the prominent specialists and pedagogues like crystallochemist Viktor Albertovich Frank-Kamenetskij, mineralogist and geochemist Aleksander Aleksandrovich Kukharenkó, genetic mineralogist and geochemist Vladimir Fjodorovich Barabánov, geochemists Vladimir Lvovich Kom-

lev and Vasilij Iljich Lebedev. His later ardour for the investigation of accessories (with which is he concerned up to date) was initiated during expedition in Sajany (Siberia) in 1958. His graduation thesis and dissertation were both concerned with the röntgenographical study of isomorphism in perowskite originated from Kola peninsula.

From his preference for accessories originated his professional interest in geochronology. Also in this field of investigation were his teachers, later his good friends, the outstanding soviet scientific as Prof. Nikolaj Filipovich Shinkarev, Igor Nikolaevich Krylov and first of all Valerij Vladimirovich Ljakhovich. To the problems of accessories was also devoted his Ph. D. Thesis: "Accessory minerals in granites", defended in 1972.

Dr. Veselský's research activity is very broad. He paid the special attention to the problems of the geochemistry in the magmatic process and to the solution of the potential orebearing magmatic complexes as well as to the problems of accessory minerals in magmatic and metamorphic rocks in West Carpathians. Along with the study of mineralogy and geochemistry of accessory minerals he has investigated granitoids and metamorphic rocks in Malé Karpaty and in other regions of Tatroids and Gemeroids. Dr. Veselský solved these problems in connection with the work on the state plan tasks. Then he paid the attention to the solution of stratigraphy in the crystalline complexes of West Carpathians first of all in Malé Karpaty by means of nuclear chronological methods. He introduced a complex and rational method for the investigation

of accessory minerals in crushed rocks and he is an internationally recognized scientist in this field.

The significant contribution of Dr. Veselský's professional activity is development of the geochemical prospecting methods in the research and searching for the deposits of mineral raw materials. These prospecting methods using the study of primary and secondary geochemical field are concerning chiefly the searding for Sb and Cu mineralization. The problems which are solved in cooperation with Laboratories of Applied Geology, Geological Survey Spišská Nová Ves, and with Uranium Survey contributed significantly to the enhancement of the efficiency in the research and searching for the mineral raw materials.

Dr. Veselský is author of many scientific papers published in domestic and international journals as well as in the proceedings of numerous scientific conferences and meetings hold in our country or in abroad. Another important field of work is his popularizing activity. He has written the great number of reviews, referee's and research reports. He also is an author of university text-books on nuclear geology and geochronology, which are the first ones of this kind in our country.

In his scientific activity cooperates Dr. Veselský very intensively with the Geological Institute of the Slovak Academy of Sciences and with other geological institutions in our country as well as on the international level. He is a member of the working staff of IXth Multilateral Committee of Academies of Sciences of the socialist countries where he shared in organizing of numerous meetings, seminars and excursions, giving lectures and publishing the scientific results. He took part in the scientific expedition in Kaukazus in 1977. He also is a member of the Mineralogical and Geochemical International Association (Karpato-Balkan Geological Association, KBGA) to which contributes with lectures and important suggestions.

Dr. Veselský works at the Faculty of Natural Sciences of the Comenius University since 1960, first working at the Department of Raw Materials and Geochemistry and since 1969 at a new built Department of Geochemistry, today's Department of Geochemistry and Mineralogy. His professional and pedagogic ability at these institutions was developed first of all upon influence of his teacher academician Bohuslav C a m b e l.

Dr. Veselský is pedagogic active from the beginning of his career at the Faculty of Natural Sciences. The basic topic of his pedagogic activity is the geochemistry. He is dealing with geochemistry of all branches including the general and systematic geochemistry, then geochemistry of geospheres, magmatic processes and cosmochemistry. He was and is giving the lectures on geochronology, nuclear geology, on analysis of the isotopes, on the geochemical prospecting methods and on other scope of problems.

In appreciation of his pedagogic career we must not omitted the subjects which was he dealing with in the past, e. g. the benefication of mineral raw materials, organization of the geological survey, mining mapping and others, lectured for geochemists and geologists as well as for the students of pedagogic and other special directions (postgradual study of the teachers a.s.o.).

In addition to the pedagogic activity Dr. Veselský discharged many functions. It is not possible, in this consise review to enumerate it completely. He was a secretery of the Department at University, he substituted the head

of the Department, he led a numerous graduation thesis and the works in students scientific activity. He is a member of various committees and commissions — a member of Commission for postgraduate CSc., member of Scientific Board of Comenius University, member of Collegium of the rector of Comenius University.

Dr. Veselský performed a lot of active work in the geological organizations — in Slovak Geological Society, in Carpatho-Balkan Geological Association, in International Association of Geochemistry and Cosmochemistry (IAAC), he is a member of the national committee of international programme LITHOS. Praiseworthy is the activity of Dr. Veselský in various social and political organizations and in the sporting area. All his functions and duties in the professional, scientific or pedagogic field fulfilled Dr. Veselský initiative and consistently.

For his distinguished work was Dr. Veselský awarded many times. He received the silver and bronze Medal of the Faculty of Natural Sciences, the bronze Medal of Comenius University, the silver badge „For merits and cooperation” of Uranium Survey and many others honourable acknowledgements for his pedagogic, scientific and social activity.

The whole geological public and Editorial board of *Geologický zborník — Geologica carpathica* at this significant life jubilee of Doc. RNDr. Jozef Veselský, CSc. join others congratulators and wish him for the following years good health, a lot of creative powers and personal successes.

Prof. Ing. J. Babčan, DrSc.