

DOC. RNDr. JÁN JARKOVSKÝ, Dr.Sc. — SEVENTY YEARS OLD

Dr. Ján Jarkovský was born on 18 July 1919 in a small village Dolina by Drážkovce in Turiec region as farming factory-worker's son. Circle of his family led him to respect for hard and systematic work. Love of nature set him off enrolling, after school-leaving examination in state secondary school in Martin, in pedagogical study, speciality natural science — chemistry at the Faculty of Natural Sciences of Comenius University in Bratislava.

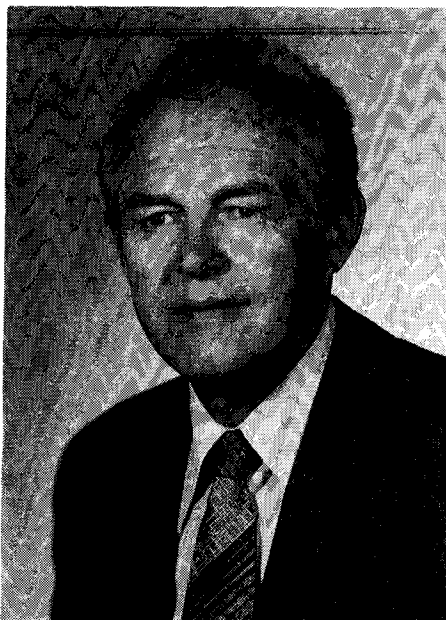
He finished his university study in 1945 and he became an assistant lecturer at Mineralogical-Petrographical Institute of the Slovak Technical College where he was employed till 1948. Thanks to his specialization, Doc. J. Jarkovský obtained an excellent qualification for successful research into geochemistry. Soon he achieved excellent results in chemical investigation

of various geological materials, especially sulphides. During his practice he was introducing progressive laboratory methods which are of primary importance in mineralogical, petrological and metallogenic sciences, but particularly they are a basis for solution of geochemical problems in geology.

Ján Jarkovský passed from the university to Geological Institute of D. Štúr where he was working for 10 years. He established there department of chemical analyses and he educated specialists in analysis of geological materials results of which form a basis of input data for geochemical conclusions. From 1950 to 1952 he was in charge of an extensive chemical-analytical task aimed at verification of quality of iron ores reserves in Slovakia. In 1952 he defended his doctoral thesis which contributed significantly to knowledge of gangue quartzites in Slovakia. J. Jarkovský summarized his ample analytical experience in the work devoted to analysis of silicate rocks which was published in 1960 and which represents the only essential and complex book published in Czechoslovakia so far.

In 1959 J. Jarkovský passed as an experienced analyst and geochemist to Research Geological-Geographical Institute of the Natural Sciences Faculty of Comenius University. He led there a laboratory of chemical analyses aimed particularly at spectrochemical methods of trace elements analysis. He became one of the pioneers of quantitative spectrochemical methods of analysis of trace elements in geological materials, especially in sulphides.

J. Jarkovský as an active analytical chemist specialized in geological materials applied his knowledge with advantage in geochemical interpretations



which can be obtained only from ample experimental material and on the basis of enough geological and metallogenic knowledge.

In 1964 J. Jarkovský was awarded a degree of candidate of geological-mineralogical sciences for results in spectrochemical and geochemical research of pyrite and pyrrhotine from the Western Carpathian deposits. He continued this research with admirable endurance and assiduity not avoiding preparatory works associated with separation of mineral fractions. Thanks to these traits of his character, J. Jarkovský succeeded in obtaining numerous knowledge of geochemistry of sulphide minerals which were evaluated by him and Acad. B. Cambel in five monographs on geochemistry of pyrites, pyrrhotines, chalcopyrites and antimonites.

Regarding his interest in the problems of geochemistry, particularly of sulphide minerals, in 1970 he passed as a senior research worker of Geological Institute of the Natural Sciences Faculty of Comenius University to Department of Geochemistry where he habilitated for docent in 1972.

In 1980 J. Jarkovský was awarded a degree of doctor of geological sciences for research works on analytical geochemistry of sulphide minerals.

His ample publication activity is represented by 7 books and about 80 original scientific works. He often presented results of his research in scientific conferences in Czechoslovakia and abroad, many of them were organized by him. The highest appraisal of his research activity is Klement Gottwald State Prize which was awarded him and Acad. B. Cambel for research into geochemistry of sulphide minerals.

Besides his research activity, also his extensive pedagogical and political-social activity must be mentioned. He was supervisor of research workers, he directed the works of candidates for CSc. and Dr.Sc. degrees, as well as dissertations of the students, he was member of several qualification commissions. He gave systematically lectures at the university, he wrote several textbooks and lecture notes for students.

Doc. J. Jarkovský is an old active member of the Slovak Geological Society and he became its honorary member. He is a merited member of the Slovak Chemical Society, member of the Carpatho-Balkan Geological Association and of the International Association of Geochemistry and Cosmochemistry. Doc. J. Jarkovský is a holder of Golden Medal of Comenius University and of the Natural Sciences Faculty of Comenius University, a holder of Silver Medal of Geological Institute of D. Štúr and of the Natural Sciences Faculty of J. E. Purkyně University in Brno.

On the occasion of his jubilee, we wish Doc. J. Jarkovský, Dr.Sc. further success in geochemistry, contentment in personal life, optimism, good health and delight in achieved results.

Academician B. Cambel

Translated by O. Mišániová

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