

## PROF. RNDr. VOJTECH ZORKOVSKÝ – SEVENTY YEARS OLD



On January 6th, 1990, Prof. RNDr. Vojtech Zorkovský will celebrate his seventieth anniversary, his life being dedicated to creative work for the benefit to development of Slovak geology and universities. He has been working as a university teacher for 46 years, 38 years of which were spent at the Faculty of Mining, Technical University, Košice. Prof. Zorkovský is a member of the generation which, after the liberation of Czechoslovakia, founded, commenced and developed education of geologists and mining engineers in Slovakia. This generation is linked to the beginnings of Slovak geological sciences developed under the direction of academician Andrusov.

Prof. Zorkovský is one of those who founded the Faculty of Mining as part of the newly established Technical University in 1952. Thanks to his initiative, the Department of Geology and Mineralogy of this faculty soon reached the level comparable with that of similar departments with long

traditions. From 1952 to 1983 Prof. Zorkovský was the head of this department and in the period 1954–1960 he was the dean of the Faculty of Mining. He educated in geological science thousands of students of building, geodesy and mainly mining. For some time he worked at the Havana University and Santiago de Chile University and externally also at the P. J. Šafárik University in Košice. Prof. Zorkovský has written 13 books, 32 study texts, more than 74 scientific publications and over 100 scientific-popular papers. Extensive scientific activities of Prof. Zorkovský are focused predominantly on the solution of petrological problems concerning Mesozoic and Tertiary volcanic rocks. He was the first to describe occurrences and petrological character of Permian and Mesozoic volcanics in the Váh River Valley, Malá Fatra Mts., Upper Nitra River Valley, Malé Karpaty Mts., Nízke Tatry Mts. and in the Vysoké Tatry Mts. He was also the first who noted bimodal character of Permian volcanism as well as extensive distribution and variability of Mesozoic basic rocks. He was also the first Slovak worker to employ garnets, particularly from andesites and rhyolites of eastern Slovakia, for the solution of petrological problems. Some of his works deal with stratigraphy of the Paleozoic and Mesozoic of the Štiavnické vrchy Mts. Numerous publications of Prof. Zorkovský deal with problems concerning metallic ores as well as industrial minerals of Slovakia. He significantly contributed to the compilation of regional map of mineral deposits of the West Carpathians. Prof. Zorkovský describes new mineral occurrences and studies genesis, particularly that of fireclays, bauxites, magnesite and stratiform base-metal ores. Some of Prof. Zorkovský's publications familiarize geological public with experience obtained abroad. He is the author and co-author of three textbooks and numerous study texts which have filled gaps in basic geological literature. Special attention deserves Prof. Zorkovský's work in familiarizing Slovak public with achievements of geology. His papers, public discourses, radioed and televised programmes presented interesting geological data

from Slovakia and from other countries as well as works of great personalities of Czechoslovak and world geology.

Prof. Zorkovský gave lectures and took part in scientific-research activities of the Department of Geology and Mineralogy, Faculty of Mining, Technical University at Košice until July 1st, 1989 when he retired. His links to the department, however, have been retained. With unaging spirit and full of energy, Prof. Zorkovský continues to present his knowledge and experiences in spoken but mainly written form. On the occasion of his valuable jubilee, students, friends and colleagues of Prof. RNDr. Zorkovský commemorate with gratitude and thanks his great creative work and wish him good health, much joy and success into his further life.

Ladislav Rozložník

Translated by L. Böhmer

#### PUBLICATIONS OF PROF. RNDr. V. ZORKOVSKÝ\*

##### *A – Scientific-research papers published in scientific journals*

- ZORKOVSKÝ, V., 1985: Za geologickými zaujímavosťami do Slánkových vrchov. *Přírod. vědy ve škole*, XXXVI, 3.
- ZORKOVSKÝ, V., 1985: Za prírodnými krásami do Malej Fatry. *Přírod. vědy ve škole*, XXXVII, 7.
- ZORKOVSKÝ, V., 1985: Svojrážna krása slovenskej prírody. *Krásy Slovenska*, LXII, 6.
- ZORKOVSKÝ, V., 1986: Za prírodnými zaujímavosťami do okolia Bojníc. *Přír. vědy ve škole*, XXXVII, 5.
- ZORKOVSKÝ, V., 1986: Pieniny – najatraktívnejší úsek bradlového pásma. *Přírod. vědy ve škole*, XXXVII, 6.
- ZORKOVSKÝ, V., 1986: Genetické postavenie výskytov polymetalických rúd stratiformného typu na juhovýchodnom úpätí Nízkyh Tatier. *Rudy*, 34, 12.
- ZORKOVSKÝ, V., 1987: Úlohy geológie pri vyhľadávaní a prieskume ložísk nerastných surovín. *Přírod. vědy ve škole*, XXXVIII, 1.
- ZORKOVSKÝ, V., 1987: Magnezity a ich význam pre naše národné hospodárstvo. *Přírod. vědy ve škole*, XXXVIII, 9.
- ZORKOVSKÝ, V., 1988: Súľovské skaly očami geológa. *Přírod. vědy ve škole*, XXXIX, 2.
- ZORKOVSKÝ, V., 1989: Slovenské travertíny, ich vznik a výskyt. *Přírod. vědy ve škole*, XXXX.
- ZORKOVSKÝ, V., 1989: Ako viesť geologickú exkurziu. *Přírod. vědy ve škole*, XXXX.

##### *B – Popularizing-scientific papers published in magazines*

- ZORKOVSKÝ, V., 1984: Skutočnosť alebo báj. *Mladý prírodovedec*, 26, 3.
- ZORKOVSKÝ, V., 1983: Alexander Jerg. Fersman. *Mladý prírodovedec*, 25, 4.
- ZORKOVSKÝ, V., 1984: Naše jaskyne – úchvatný výtvar prírody. *Mladý prírodovedec*, 26, 4.
- ZORKOVSKÝ, V., 1985: Stopy po meteoritoch. *PAS*, 34, 3.
- ZORKOVSKÝ, V., 1985: Kozmické družice – hľadači prírodných zdrojov nerastných surovín. *Mladý prírodovedec*, 27, 1.
- ZORKOVSKÝ, V., 1985: Rádioestézia – novodobé prutkárstvo. *Mladý prírodovec*, 27, 1.
- ZORKOVSKÝ, V., 1985: Je diamant naozaj šťastným drahým kameňom? *Mladý prírodovedec*, 27, 4.
- ZORKOVSKÝ, V., 1985: O mesačných kameňoch. *Mladý prírodovedec*, 27, 4.

\* The list presented below includes publications of Prof. Dr. Zorkovský since 1985. For earlier publications see *Geol. Zbor. Geol. carpath.*: 1/21/1970, pp. 197–200; 1/32/1981, pp. 159–160 and 36/6/1985, pp. 755–758.

- ZORKOVSKÝ, V., 1986: Baltické zlato. *Mladý prírodovedec*, 28, 3.
- ZORKOVSKÝ, V., 1986: Pre rozvoj baníctva. K 200-tému výročiu založenia medzinárodnej spoločnosti pre rozvoj baníckych vied. *PAS*, 35, 10.
- ZORKOVSKÝ, V., 1987: Čo ničí kamenných svedkov starodávneho umenia. *Mladý prírodovedec*, 29.
- ZORKOVSKÝ, V., 1987: Pompejská dráma. *Mladý prírodovedec*, 29.
- ZORKOVSKÝ, V., 1987: Dionýz Štúr – slávny slovenský geológ. *Mladý prírodovedec*, 29, 2.
- ZORKOVSKÝ, V., 1987: Minerály v službách astrológie. Ročenka „Priateľ rodiny“. Osveta.
- ZORKOVSKÝ, V., 1988: Farebné poklady morských hĺbín. *Mladý prírodovedec*, 30, 1.
- ZORKOVSKÝ, V., 1988: Smrtonosné mračno. *Mladý prírodovedec*, 30, 1.
- ZORKOVSKÝ, V., 1988: Nerastné bohatstvo púšte Atacama. *PAS*, 15. In English translation in TÉT, 10.
- ZORKOVSKÝ, V., 1988: Jadrová energetika a jej význam pre náš hospodársky a sociálny rozvoj. *Mladý prírodovedec*, 30, 3.
- ZORKOVSKÝ, V., 1988: Krása ukrytá v lastúre. *Mladý prírodovedec*, 30, 4.
- ZORKOVSKÝ, V., 1989: V čílskych Andách. Ročenka „Priateľ rodiny“. Osveta, 4.
- ZORKOVSKÝ, V., 1989: Perla karibského mora. *PAS*, 38, 5.
- ZORKOVSKÝ, V., 1989: Soľ nad zlato. *Mladý Prírodovedec*, 31, 1.

#### C – Book publications

- ZORKOVSKÝ, V. – ROZLOŽNÍK, L. et al., 1987: Ložiská nerastných surovín a ich vyhľadávanie. *ALFA*, Bratislava.
- ZORKOVSKÝ, V. – KUMPERA, O. et al., 1988: Všeobecná geológia. *SNTL*, Praha.

#### D – University text books

- ZORKOVSKÝ, V., 1985: Historická geológia. *ALFA*, Bratislava