

HUBERT GRUSZCZYK
1919—1985



On 18th August 1985 died Hubert Gruszczyk, professor of the Academy of Mining and Metallurgy, outstanding specialist in ore deposits and one of the most merited members of our Society. He was born on 7th August 1919 in Radlin (actually Wodzisław Śląski) in a miner's family. After having finished secondary school in Rybnik, in 1938 he started to study at the Academy of Mining in Cracow. In 1939, H. Gruszczyk participated in defence war and was heavily wounded in the battle near Tomaszów Lubelski what made him disabled person for the whole life. Under very difficult conditions of Nazi occupation, he participated actively in clandestine activity of the Academy of Mining and in secret teaching what initiated his scientific biography. In 1947 Gruszczyk gained the degree of mining engineer but his first paper on utilization of gravels and sands of the Vistula river was published already in 1945. In 1950, on the ground of doctor's thesis on barite deposits in Boguszów and Jabłów, Lower Silesia, he obtained the Ph.D. degree and four years later was nominated assistant professor of the Academy of Mining and Metallurgy in Cracow. In 1962 H. Gruszczyk was appointed extraordinary professor at this higher school and in 1973 — ordinary professor in the Institute of Geology and Mineral Deposits of this Academy. Besides, since 1947, he was employed in the Geological Institute in Warsaw as specialist in economic geology, supervising e.g. the works on Carpathian mineral raw materials.

Scientific activity of Hubert Gruszczyk was concentrated mainly on ore and economic geology but in his research works we observe distinctly mineralogical-geochemical approach in solving the natural problems. When explaining regularities in the origin of deposits of raw materials, he always postulated their complex utilization including dispersed and trace elements contained in them. He was an advocate

of zoologic opinions tending to ensure possibly permanent utilization of natural resources for the benefit of mankind. After the war, in view of lack of fundamental scientific Polish literature, Gruszczyk participated in editorial works resulting in publication of first handbooks on optical methods of study of minerals, ores and rocks. Besides, in cooperation with A. Bolewski, he prepared the Polish edition of the album "The World of Crystals" (1963) what evidences his interests in the field of popularization of mineralogical sciences.

Main scientific interests of Prof. Gruszczyk were focussed on the problem of Silesian-Cracovian zinc-lead deposits. Two important monographs on their geology and origin were published in 1956. His opinion on syngenetic formation of these deposits were presented at the international symposium organized by UNESCO in New York in 1966 and discussed during the excursion before the 23d International Geological Congress in Czechoslovakia in 1968 and at the conference in Heidelberg (1982, 1984) with such well known specialists as professors Ramdohr and Amstutz. Besides, Prof. Gruszczyk had numerous scientific contacts with other ore geologists and mineralogists as e.g. J.D. Ridge (USA), E. Schroll (Austria), S. Dunin-Borkowski (Peru), I. B. Smirnov (USSR) etc.

As already mentioned, his publications on ore and mineral geology have distinct mineralogical and petrological aspects. The same refers to his lectures and pedagogic activity. When studying copper mineralization in the Carpathian flysch he paid attention to the occurrence of dickite. Similarly, in papers on the origin of Silesian-Cracovian zinc and lead deposits, we find special chapters on minerals e.g. on zincian dolomite and monheimite.

It should be emphasized that Prof. H. Gruszczyk is the author of academic handbooks "Geology of mineral deposits", "Methodology of geological prospecting" and "Economic geology" (coauthor of the latter A. Bolewski).

Since his scientific biography was initiated in the Department of Mineralogy and Petrography of the Academy of Mining and Metallurgy, Prof. Gruszczyk was an active charter member of the Commission of Mineralogical Sciences of the Cracovian Branch of the Polish Academy of Sciences (since 1964), Mineralogical Society of Poland (since 1969) and the Committee of Mineralogical Sciences of the Polish Academy of Sciences (since 1982).

Hubert Gruszczyk was not only an outstanding scientist, harmonically uniting in his activity various aspects of mineralogy, ore science and economic geology but also a very laborious man of deeply human personality. His achievements and merits in scientific, pedagogic and social activity were appreciated by conferring him numerous decorations, prizes, crosses and medals, including the Officer's Cross of Polonia Restituta.

The death of Prof. Hubert Gruszczyk is a heavy loss to Polish mineralogical sciences and to his numerous coworkers and friends.

Andrzej Bolewski

H. GRUSZCZYK'S SELECTED PUBLICATIONS OF PREDOMINANTLY MINERALOGICAL CHARACTER¹

- Gruszczyk H. — Złoże barytu w Boguszowie i Jabłowie na Dolnym Śląsku (Barite deposit in Boguszów and Jabłów, Lower Silesia) (in Polish). *Biul. PIG* 1952, s. 88.
 Gruszczyk H., Kubisz J. — O nowych występowaniach dickitu w Polsce (New occurrences of dickite in Poland) (in Polish). *Kwart. Geol.* 4, 1, 1960.
 Gruszczyk H., Ważewska-Riesenkampf W. — Carbonates in Silesian-Cracovian deposits of zinc and lead ores. *Bull. Acad. Pol. Sci.* 8, 4, 299—304.

- Gruszczyk H., Ważewska-Riesenkampf W., Ziemia S. — Wstępne wyniki badań nad zasięgiem występowania dolomitu cynkowego w śląsko-krakowskich złożach rud cynku i ołowiu (Preliminary data on the occurrence of zincian dolomite in the Silesian-Cracovian deposits of zinc and lead ores). (in Polish). *Prace Inst. Hutn.* 1960, 12, 215—217.
 Gruszczyk H., Ostrowicki B., Smolarska I. — Termiczna analiza różnicowa rud galmanowych z Bolesławia (DTA of galmei ores from Bolesław) (in Polish). *Spraw. z Pos. Kom. Nauk. O/PAN w Krakowie* 1965, 289—294.
 Gruszczyk H., Ostrowicki B., Smolarska I. — Moderne mineralogisch-petrographische Untersuchungen an Galmieieren. *Ber. deutsch. Gesell. Geol. Wiss. Berlin* 1968, 13, 549—555.
 Gruszczyk H., Smolarska I., Dang Xuan Phong — Breccias in the Silesian-Cracow zinc and lead ore deposits. *Bull. Acad. Pol. Sci.* 22, 2, 1972, 107—112.

18 sierpnia 1985 r. zmarł w wieku 66 lat prof. dr inż. Hubert Gruszczyk, członek-założyciel Polskiego Towarzystwa Mineralogicznego. W 1939 r. uczestniczył w wojnie obronnej i został ciężko ranny w bitwie pod Tomaszowem Lubelskim. Brał aktywny udział w konspiracyjnej działalności AGH w czasie okupacji hitlerowskiej. Po odzyskaniu niepodległości związał się do końca swego życia z tą uczelnią. Główną dziedziną działalności naukowej Huberta Gruszczyka była nauka o złożach, geologia gospodarcza i gospodarka surowcami mineralnymi. W swej pracy badawczej szczególnie wiele uwagi poświęcił zagadnieniu genezy śląsko-krakowskich złóż rud cynku i ołowiu. Był wychowawcą kilku pokoleń geologów złożowych, wspaniałym Człowiekiem.

18 августа 1985 г. в возрасте 66 лет скончался профессор д-р инж. Хуберт Грушик, член-основатель Польского Минералогического Общества. Был участником оборонительной войны 1939 года, тяжело ранен в сражении под Томашувом Любelskim. Принимал активное участие в конспиративной деятельности Горно-Металлургической Академии во время гитлеровской оккупации. После освобождения Польши до конца своих дней связался с этим высшим учебным заведением. Хуберт Грушик был крупнейшим специалистом в области геологии месторождений полезных ископаемых, экономической геологии, а также хозяйства недр и учета минерального сырья. В своей научно-исследовательской работе особенно занимался вопросом происхождения Силезско-Краковских свинцово-цинковых месторождений. Воспитал несколько поколений рудных геологов. Был прекрасным человеком.