



YEVGENIY FEDOROVICH SHNYUKOV

(On the eighty-year-old Jubilee)



On the 23rd of April, this year, Ye. F. Shnyukov celebrated his 80th birthday. He is an outstanding scientist in the field of sedimentary ore formation, marine geology, geology of Ukraine and adjacent territories, World Ocean geology.

Ye. F. Shnyukov is a Doctor of Sciences in geology and mineralogy (1966), Professor (1970), Corresponding member NAS of Ukraine (1978), Full Member NAS of Ukraine (1982); he was awarded the honorary title "Honored Scientist and Technician of Ukraine" (1997). Ye. F. Shnyukov was a Deputy Director of the Institute of Geological Sciences (1968—1969) and Institute of Geochemistry and Mineral Physics, he was elected an Academician of the USSR Academy of Sciences (1969—1973), Director of the Institute of Geological Sciences and Head of the Sedimentary Ore Formation Department (1977—1992). He is Director of the National Museum of Natural Sciences of NAS of Ukraine (since 1977), Director of the Department of Marine Geology and Sedimentary Ore Formation (since 1992), winner of the State Prize of Ukraine in the field of science and technology (1989) and Prize of V. I. Vernadsky laureate (1982).

Ye. F. Shnyukov was born on 26 March 1930 in Arkhangelsk, in 1948 he left school in Odessa, during

1948—1953 he studied at the Geological Faculty of Kyiv State University named after T. G. Shevchenko. After graduating from the University with honors he was accepted to Postgraduate course of the Institute of Geological Sciences (IGS) Academy of Sciences of the USSR. In 1958 Ye. F. Shnyukov defended his Candidate Thesis, where he initially solved the problem of mineralogy of the Kryvyi Rih iron-ore basin. His scientific adviser was Professor Yu. Yu. Yurk. The results of the deep and focused research in the field of geology, mineralogy and geochemistry of iron ore of Azov-Black Sea province were later summarized by Shnyukov in his Doctoral Thesis in 1965. After obtaining his Doctorate degree Ye. F. Shnyukov went to IGS. Ye. F. Shnyukov focuses on the study of the researches of the Kimmerian iron ore of the Azov-Black Sea province and manganese ore of Nikopol basin genesis.

Nowadays the various studies of sedimentogenesis processes and processes of sedimentary ore formation of iron, manganese, placer gold and other ores are connected with the name of Ye. F. Shnyukov. He is a developer of the hypothesis of sedimentary Kerch type iron-ore oolites formation; an expert of geological structure and genesis of the entire Azov-Black Sea iron-ore province. Ye. F. Shnyukov particularly put forward a hypothesis on the connection of mud volcanism with the formation of sulphur and mercury. Ye. F. Shnyukov distinguished the South-Ukrainian Province of dispersed gold with probable reserves of up to several tons. His most important scientific works in this field are: "Mineralogy of the Kerch basin iron-ore formation", "Manganese-iron ores of the Kerch basin", "Genesis of the Kimmerian iron-ore of the Azov-Black Sea province". The results of long-term manganese ore investigations have been reflected in numerous articles and monograph "Manganese ores of Ukraine".

Ye. F. Shnyukov was the first who realized that Ukraine is a maritime country and it has to develop its marine geological researches. Under his direct control the first in Ukraine specialized drilling ship "Geochemist" was built. Ye. F. Shnyukov was the organizer and Director of the first specialized geology-geophysical expedition at the research ship "Academic Vernadskiy" to the Indian Ocean, the second specialized geology-geophysical expedition at the research ship "Academic Vernadskiy" to the Atlantic Ocean, complex international Black Sea expedition at the research-ship "Mikhail Lomonosov", expeditions at the ships "Professor Kolesnikov",

"Kyiv", "Ikhtiandr" to the Atlantic and Indian Oceans, Mediterranean and Black Sea. During the last years marine geological investigations in Ukraine were performed, in particular, because of patriotic and enthusiastic efforts of Ye. F. Shnyukov in the Black Sea at the "Professor Vodyanytskiy" ship and "Volodimir Parshin" ship. Results of these investigations have been summarized in a number of monographs, for example: "Geological problems of the Black Sea" (2001), "Mineral treasures of the Black Sea" (2004), "Gas volcanism of the Black Sea" (2005).

Ye. F. Shnyukov is a worldwide famous researcher of the Kerch-Taman mud volcanic province. Study of gas flares and mud volcanoes in the Black Sea and overland is directed by Yevgeniy F. Shnyukov in cooperation with specialists from Russia, Greece, Romania, Turkey, Germany, Belgium, France and Bulgaria.

Ye. F. Shnyukov actively participates in the International organizations activity — the International Geological Correlation Program of UNESCO, International Union of Geological Sciences, the International Association for the genesis of ore deposits, etc. As a recognized by the world scientific community specialist in marine geology the scientist was delegated to participate in the work of UN Committee on the Peaceful Uses of the Sea and Ocean bottom (Geneva 1971, New York 1972, Paris 1985, 1987). He repeatedly led and was the member of the organizing committees of many congresses, meetings and symposia of Ukrainian and international levels, led the School of Marine Geology for experts from countries of West Africa through UNESCO (Guinea, 1987). In 1999—2007 he organized and conducted a series of international field seminars on geology problems and mineral deposits

of the Kerch Peninsula, Kerch-Taman mud volcanic province.

Ye. F. Shnyukov pays much attention to scientific and organizational work. During the years 1968—1973 he was Deputy Director of the Institute of Geological Sciences, and later — the Institute of Geochemistry and Mineral Physics of the USSR Academy of Sciences. During the years 1977—1992 he headed the Academic Institute of Geological Sciences. He was the editor-in-chief of "Geological Journal" for many years. Now he is editor-in-chief of the newly established scientific journal "Geology and minerals of the World Ocean".

Academician Ye.F. Shnyukov is the author of more than 600 scientific works. He performs a great work as a lecturer, his course "Marine geology and mineral resources" was taught in the Krasnodar, Simferopol, Lviv and Kyiv universities. More than 30 candidates of science were prepared under his supervision.

He is an author of such well-known books as "Peninsula Treasure", "World of minerals", "Pirates of the Black Sea", "Dangerous Black Sea", "Minerals and the world", "Treasures and mysteries", "The mineral wealth of the Black Sea", "Oolites" and other.

We can write a lot about the scientific investigations of Yevgeniy F. Shnyukov. Ukrainian marine geology is obliged to Yevgeniy F. Shnyukov for its success. Now Yevgeniy F. Shnyukov is at the height of his intellectual and creative potential. He is a wise teacher, a friendly colleague, an eccentric person who comprehensively realized all his natural gifts.

Ukrainian geological community sincerely wishes Yevgeniy F. Shnyukov success, inspiration, strong health and happiness.

Editorial board "Geological journal "