

Dimitri Kaljo 75

The present issue of the *Proceedings of the Estonian Academy of Sciences, Geology* is dedicated to Academician Dimitri Kaljo on the occasion of his 75th birthday.

An outstanding Estonian geologist, Acad. Dimitri Kaljo, Head of the Department of Bedrock Geology of the Institute of Geology at Tallinn Technical University, and Foreign Secretary of the Estonian Academy of Sciences, was born in Haapsalu on 12 October 1928. In 1948 he graduated from the Gustav Adolf Gymnasium (then the First Secondary School of Tallinn), and in 1953 from the Geological Department of the University of Tartu. After passing the postgraduate course at the same university (1953–1956), he was awarded the Candidate of Sciences degree in geology and mineralogy. D. Kaljo started his professional carrier as an assistant at the Chair of Mineralogy of the University of Tartu (1956–1957). However, most of his scientific activity has taken place at the Institute of Geology of the Estonian Academy of Sciences (present Institute of Geology at Tallinn Technical University), where he has worked as Learned Secretary (1956–1959), Head of the Department of Geology (later Department of Stratigraphy and Palaeontology) (1959–1965), Research Director (1965–1969), Director (1969–1990), and Head of the Department of Bedrock Geology (1990 up to present). From 1990 to 1999 he was also Head (Academician-Secretary) of the Division of Biology, Geology, and Chemistry, and from 1990 a member of the Board (Presidium), and Foreign Secretary of the Estonian Academy of Sciences. In 1978 he was awarded the Doctor of Sciences degree in geology and mineralogy, in 1986 – the title of the Professor of Stratigraphy and Palaeontology, and in 1988 – the title of the Merited Scientist of the Estonian SSR. In 1983 he was elected member of the Estonian Academy of Sciences.

D. Kaljo has published about 270 scientific papers in the fields of palaeontology, biostratigraphy, and palaeobiogeography of the Ordovician and Silurian



rugose corals and graptolites; stratigraphy, palaeogeography, and evolution of the Baltic Silurian basin; general problems of stratigraphy and specific methods (ecostratigraphy, event stratigraphy, isotope stratigraphy) on the example of the Baltic Silurian; evolution of communities, ecosystems, and faunas in the Silurian seas and application of isotope analysis in Ordovician and Silurian stratigraphy, climatology, and oceanology. He has edited 28 books, among them the monograph *The Silurian of Estonia* (1970), which merited the State Prize of Soviet Estonia in 1972. In 2001, as the leader of a working group, he was awarded the National Science Prize of Estonia for a series of scientific papers on isotope geology, especially on Ordovician and Silurian stratigraphy, climatology, and oceanology. In 1980 he deserved the Memorial Medal of K. E. von Baer, in 1986 – the Medal of the Academy of Sciences of the Estonian SSR, in 1987 – the Academician S. I. Vavilov's Medal (the highest prize of the Society "Nauka" in the former USSR), in 2002 – the 4th class order of the White Star. Since 1978 he has been Deputy Chairman of the Editorial Board of the journal *Proceedings of the Estonian Academy of Sciences, Geology*, since 1981 – Chairman of the Estonian Stratigraphical Commission, since 1990 – Chairman of the Commission on Mineral Resources of Estonia, since 1992 – Chairman of the Estonian National Committee of Geologists, and since 1997 – Chairman of the Board of the Estonian Academic Library.

The scientific activity of Dimitri Kaljo is highly appreciated in the international community of geologists. He has been a leader of many international scientific bodies: Vice-Chairman (1981–2002) and Chairman (since 2002) of the Baltic Stratigraphical Association, a Voting Member (since 1976) and Chairman (1984–1992) of the Subcommittee on Silurian Stratigraphy of the International Union of Geological Sciences, Vice-President of the International Association for the Study of Fossil Corals (1983–1988), and the International Paleontological Union (1989–1996), Chairman of the Silurian Commission of the Stratigraphical Committee of the former Soviet Union (1983–1991), Chairman of the Commission on Graptolites of the Palaeontological Problem Board at the Academy of Sciences of the USSR (1972–1991). In 1987 he was elected Honorary Fellow of the Geological Society of London.

The colleagues from the Institute of Geology at Tallinn Technical University, all Estonian geologists, and the staff of the *Proceedings* congratulate Dimitri Kaljo and wish him continuous success in his future activities.

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