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Associate Professor RNDr. Ivan Zmoray, D.Sc. is sixty



Dr. Ivan Zmoray has celebrated the 60th birthday this year. Our scientific public reveres him as a distinguished man known not only as scientist and teacher, but also as an ardent propagator of the science. I would like to remember at least the most important events in his fruitful life.

He was born on 25th October, 1919 in a mining village Hodruša near Banská Štiavnica. This beautiful country made him love the nature and he remained faithful to this love and its understanding even after finishing the secondary school in Malacky. In 1937 he started his studies at the Faculty of Sciences, Charles University in Prague. However, his successful studies were interrupted by Nazis' closing the Czech universi-

ties in 1939. Then he worked for a short time as a volunteer in the National Museum in Prague. In 1940 he continued his studies at the newly established Faculty of Sciences in Bratislava, where he received the RNDr. degree in 1943. Already during his university years he served as a demonstrator at the Institute of Zoology, Faculty of Sciences and after the studies as a lecturer at the same Institute. In addition to his teaching activity he devoted himself to establishing the Institute and acted as assistant editor of the journal *Priroda*, the first Slovak scientific-popular journal.

In spring 1948 he was invited to teach at the University of Agriculture and Forestry in Košice. He was appointed to arrange and lead the Institute of Zoology. He gave lectures on agriculture and forest zoology, but also on hydrobiology and fishery. At the same time he served as Visiting Lecturer at the Faculty of Pedagogy in Prešov.

In 1952 Dr. Zmoray started to work at the District Station of Hygiene and Epidemiology in Košice in the field of hydrobiology and parasitology. His scientific activity and numerous amendments in the organization of hygienic service were appreciated not only by the Station, but also by other district institutions.

The most fruitful period of Dr. Zmoray's scientific activity started in 1957, when he accepted an appointment at the Institute of Helminthology, Slovak Academy of Sciences in Košice, where he was first Head of the Department of Biology and then Vice-Director. The experience of Dr. Zmoray as an erudite zoologist could be thus applied in the construction of this new institute. He held this post till

1970, devoting himself, together with his colleagues, to the study of the morphology of larval stages of lung biohelminths of cattle. He was awarded the Price of the Academy for elucidating the mechanisms regulating the moulting processes of larvae of these biohelminths. In addition to these problems he was engaged also in the questions of general ecology and the related zoogeography of helminths. Later he became also Head of the Department of Morphology and Physiology of Helminths where he organized a laboratory of electron microscopy studying here the ultrastructure of helminths. He interpreted his results in a special ecomorphological conception. The extensive scientific activity of Dr. Zmoray was appreciated by numerous scientific honours. In 1960 he was awarded the C.Sc. degree from the Faculty of Sciences, Charles University in Prague and in 1968 a state honour "For the Merits in the Construction". In the same year he was appointed Lecturer at the Faculty of Sciences, P. J. Šafárik University in Košice, where he gave lectures on the ecology of animals and on other zoological branches since the foundation of the University. In the years 1969—1972 he was Head of the Department of Ecology and Systematical Zoology which was established by him. Till 1977 he gave lectures on animal cytology at the Faculty of Sciences, Komenský University in Bratislava as a Visiting Lecturer. He was awarded the degree of Doctor of Biological Sciences in 1973.

Besides his scientific activity, Dr. Zmoray has acted also as an editor. He edited *Zborník Východoslovenského múzea* and *Malé monografie východného Slovenska* (Small monographs of eastern Slovakia) — 8 volumes. Until 1977 he was Secretary of the Editorial Board and Assistant Editor of the international journal

Helminthologia and he is editor of *Studia helminthologica* published by the Institute. He is also member of the Editorial Board of *Biológia, of Fauna Carpatorum* published by the Slovak Academy of Sciences and of the zoological group of *Encyclopedia of Slovakia*.

His wide knowledge of biological disciplines, as well as his scientific experience were applied in supervising the studies of postgraduate research students. In the branch of zoology and parasitology he has educated 7 Candidates of Sciences and several Doctors of Sciences at the Faculty of Sciences of the University in Košice. He is also member of the Commission for the Defense of Dissertation Papers of Candidates of Sciences and Doctors of Sciences at the Academy and universities in Bratislava, Prague and Brno. He is member of Scientific Councils, of the Board of Specialists at the Institute and others.

His activity in scientific and public institutions is very extensive. He is also consultant of the District Station of Hygiene and Epidemiology in Košice.

It is very difficult to outline the versatile, active and extremely fruitful activity of Dr. Zmoray in this brief article. Not even a short interruption of his work caused by illness did weaken his enthusiasm and further creative designs. I wish to thank Dr. Zmoray on behalf of the workers of the Institute of Helminthology, Slovak Academy of Sciences in Košice, of his pupils, to whom he has always paid a great attention, as well as of all parasitologists of our country for all his conscientious work, efforts and help. We wish him good health and every success in both his creative work and private life.

Dr. P. Dubinský, C.Sc.