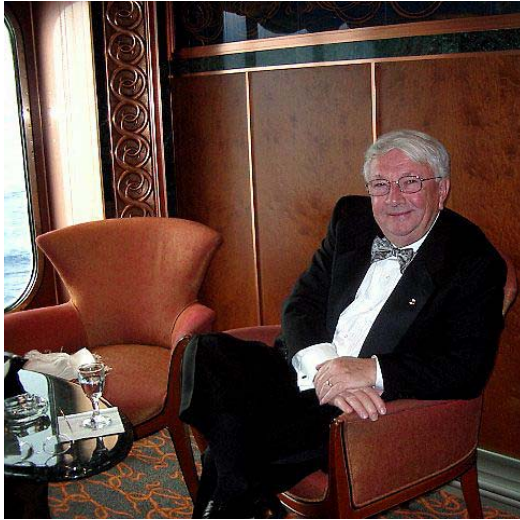


CITATION



László Orlóci 2004

B.S.F. (1958), Sopron-UBC; M.Sc. and Ph.D. (1964), University of British Columbia (under V.J. Krajina); post-doctoral training (1964-65), University College of North Wales, Bangor (under Peter Greig-Smith).

Orlóci joined the University of Western Ontario as Assistant Professor in 1965, he was promoted to Full Professor in 1972 and continued to be a member in the Faculty of Science, with intermittent sabbaticals and other assignments abroad at universities and research institutions until his retirement in 1996.

Orlóci holds appointments as Visiting Professor at universities in the Americas, the Pacific, Asia, and Europe. He is external academician member of the Hungarian Academy of Sciences and Fellow in the Academy of Sciences of the Royal Society of Canada.

Orlóci contributed significantly to the development of conceptual tools and applications in statistical ecology. His early seminal paper on the ordination of variable-rich ecological data is a 1982 ISI Citation Classic. He pioneered an information theoretical approach in ecological data analysis; clarified the fundamentals of a species-free hierarchical approach in global community studies and

developed techniques for the estimation of transition probabilities in temporal vegetation data. He provided a solution for the estimation of local thermal flux rates under scenarios of climate warming and elaborated the basic principles of process sampling stressing sample structure stability as optimality criterion. Orlóci's ongoing research interest is concerned with approaches and conceptual tools of evolutionary community studies where process determinism, attractor migration, phase structure, periodicity, dimensionality, and parallelism are central notions.

Orlóci has received numerous honours in Science, among these election as an academician member to the Hungarian Academy of Science (MHAS) and Fellow of the Canadian Academies of Science of the Royal Society (FRSC); a D.Sc. honoris causa from the University of Trieste; Distinguished Statistical Ecologist Award from the VIth INTECOL Congress at the University of Manchester; Twentieth Century Distinguished Service Award from the 9th Lukács Symposium in Statistical Ecology at Bowling Green State University; and Honorary Academic Advisor at the Northeast Forestry University in Harbin.

László is married to Márta Mihály, a Sopron alumna and life-time research associate. Their daughter Martha Barbara Orlóci is a Geography from UWO.

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