

THINKING ABOUT WATER...FROM WATER

A book you'd like to read

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„Thinking about water...from water” represents a synthesis of an entire life dedicated to underwater research and to application in practice of scientific innovative ideas, emerging into some important scientific results, published in journals and books, in Romania and abroad (Austria, Netherlands, Morocco and Germany), including also two limnological monographs, many inventions awarded at international and national saloons, an important attendance to numerous congresses and other scientific meetings, leadership of research projects and equipments, establishing the first floating farm for trout breeding on the mountainous reservoirs, a novelty for our country, based on the limnological theoretical studies applied in

the ecological fundamentals of aquaculture.

„Thinking about water...from water” is a metaphor for the entire activity of scientist developed by Professor Ionel Miron. In order to emphasize the complexity of relationships of aquatic organisms into a lacustrine ecosystem resulting from a “river-lake” ecological succession: Bistrita river-Bicaz reservoir, Professor Miron imagined and realized along with his collaborators, an underwater laboratory, patented as an invention: “Bathyscaphe for underwater research and works”, in 1972. This submersible laboratory facilitated the direct observation and experimentation of the behavior of hydrobionts in their natural environment.

This book offers new and available data, with theoretical and applicative value, on the life in water, the direct study methods being a priority area in Romanian Hydrobiology, according to the main directions promoted by the

International Society of theoretical and applied Limnology (SIL). His extensive experience was acknowledged both at national and international level. In 1995, Professor Miron was invited and accepted to give a course on Aquatic ecosystems, at Paris 7 “Denis Diderot” University – France, for a full academic year. He participated in three expeditions, with a team of foreign specialists, into the “Limnology of Sahara” Programme (Director Professor Henri Dumont, Ghent University), in different area of this desert (Morocco, Algeria, Mauritania, Senegal, Mali, Niger and Tunis), in 1975, 1976 and 1977.

In accordance with all these activities, this book reveals the vocation of a naturalist so passionate and a researcher, his career with achievements and fails, during 50 years, with sacrifices and perseverance, in which the Professor involved numerous collaborators, students, PhD students, from Romania and abroad (France, Germany, Belgium, Canada and Moldavia).

Professor Miron represented “Alexandru Ioan Cuza” University in the European Project „Ecological management of catchments in Europe” – ECOCATCH, Director Professor Dr. Anna-Kristina Brunberg, from Uppsala University-Sweden (2005-2011). He was invited by other European universities (UCO Angers-France, Vrije Universiteit Amsterdam-Netherlands, Porto-Portugal, Sussex-UK). He also participated with scientific presentations in different international congresses, symposia and other events in Hungary, Sweden, Germany, Spain, Poland and Republic of Moldova, but also organized himself scientific events in Romania (Iași and Piatra Neamț), dealing with reservoirs biology, the biological basis of aquaculture and human impact on the environment.

He has been a member of the International Society of Limnology (SIL) since 1970 and he is a member of the Scientific Committee of the Academy of Sciences - Institute of Zoology, led by Professor dr. habil. Acad. Ion Toderaș.

It is remarkable the way in which the Professor transferred his energy to the young people, who followed him in bathyscaphe, for obtaining a patent for scuba diving or for sustaining their PhD thesis.

„Thinking about water...from water” represents a pertinent model to pursue a career of courageous and innovative ideas, necessary and useful aspects for young researchers, for their professional progress, and I highly recommend for reading this book to all people attracted to water and underwater life observation.