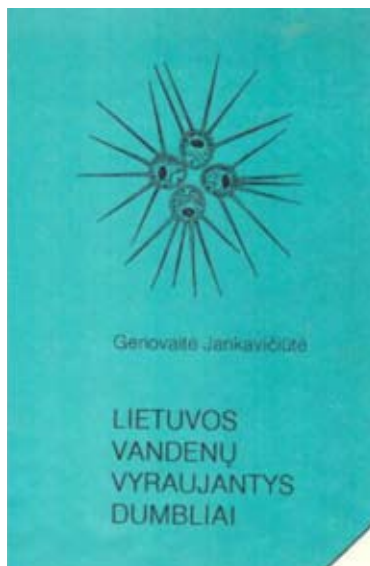


IN MEMORIAM
GENOVAITĖ JANKAVIČIŪTĖ
(1932–2019)



Dr Genovaitė Jankavičiūtė, a distinguished Lithuanian phycologist, passed away on 6 August 2019. She was recognised phycologist and respected by her colleagues widely. Her research was focused on phytoplankton diversity in Lithuanian freshwater ecosystems. The late G. Jankavičiūtė was buried in the Saulės (Sun) cemetery, Vilnius.

Genovaitė Jankavičiūtė was born on 26 October 1932 in the family of educated farmers settled in Miciūnai village (Gervėčiai, Vilnius district). The 2nd World War and the following occupation turned the life of happy eight-year-old child upside down and taught her to overcome challenges staying lonely in a big unknown Vilnius city. She was highly keen in learning since the first classes and graduated with honours from Salomėja Nėris Gymnasium (Vilnius) in 1951.

G. Jankavičiūtė studied at Vilnius University, the Faculty of Natural Sciences and graduated with the diploma of a botanist-biologist in 1956. Lectures of well-known professors, numerous books at the Library of the University fulfilled her curiosity. They contributed significantly to the discovery of the phycology since the first year of her studies. She individ-

ually learned Polish and German languages with the purpose to read the latest scientific publications and books. Prof. Antanas Minkevičius much appreciated talented, proactive, diligent, determined student and supervised her Master and PhD studies. She completed PhD studies (1959–1962) by defending the dissertation entitled “Phytoplankton and its dynamics in Lake Dysnai” at Vilnius University in 1963. The dissertation deals with seasonal changes in species diversity, phytoplankton abundance and water quality in Lake Dysnai. The data of phytoplankton were interlinked to the complex of physicochemical variables in the lake. The potential of lake ecosystem to resist eutrophication was evaluated as well.

Genovaitė Jankavičiūtė worked as a researcher at the Institute of Biology (later – Institute of Botany) of the Lithuanian Academy of Sciences in Vilnius for almost four decades (1956–1993). She took part in the interdisciplinary complex work programmes, combined fundamental and experimental work in her research. G. Jankavičiūtė assessed diversity and density of phytoplankton in fishponds, the Curonian Lagoon, the Elektrėnai Water Reservoir and Lake

Drukšiai before and after the start of the Nuclear Power Plant operation. Also, she investigated the difference of ecological conditions of many Lithuanian lakes with a particular focus on planktonic algae diversity and rare species. During her scientific career, she put a lot of efforts to link phytoplankton changes to dynamics of climate, chemical components or consumers. She considered the importance of mathematical methods applied for the data analysis.

Even during the period of retirement, G. Jankavičiūtė assessed the links between synthesis of algae physiologically active compounds and their release into the environment as well as effects of B group and other vitamins on a succession of algae under experimental conditions.

The experience gained over many years in the field of phycology and hydrobotany has been well reflected in over 200 published research papers and conference thesis. G. Jankavičiūtė summarised the predominant cyanobacteria and algae species in Lithuanian freshwaters in the book “The predominant algae of Lithuanian water bodies” („Lietuvos ežerų vyraujantys dumbliai“) in 1996. To date, the obtained data are essential due to ongoing eutrophication and climate change that accelerate toxic cyanobacteria blooms. She significantly contributed to the terminology of Lithuanian algal names in the book “The dictionary of botanical names” („Botanikos vardų žodynas“, 1998) co-authored with R. Jankevičienė. G. Jankavičiūtė attended numerous scientific conferences in the country and abroad, collaborated with the researchers from Belarus, Ukraine, Poland and Germany. She was a member of Botanical and Hydrobiological Societies of Lithuania. In 1976, G. Jankavičiūtė was awarded a state prize for outstanding merits in phycological research in Lithuania.

Those who knew Genovaitė will always remember her as a very modest, cordial, intelligent, sensitive person, full of tolerance, compassion and altruism to the other people. She loved art, theatre and poetry. Her diligence, dedication to work and ability to concentrate remain an example for all of us.

ACKNOWLEDGEMENTS

We are very grateful to G. Jankavičiūtė’s close friend, who helped get to know her better as a researcher and as a personality.

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