

ON THE ANNIVERSARY OF D. SC. LARISA RYABUSHKO



On 14 July, 2022, D. Sc. Larisa Ryabushko celebrated her 75th birthday – the chief researcher of IBSS aquaculture and marine pharmacology department.

L. Ryabushko was born on 14 July, 1947, in Gendzhik (Krasnodar Krai). In 1975, she graduated from the university in Rostov-on-Don. In 1974, she began her scientific and organizational activities at the Institute of Marine Biology of the Far Eastern Scientific Center of the Academy of Sciences of the Soviet Union (Vladivostok). Being a professional museum worker at that time, she was involved in organization of the first marine reserve in the USSR (now, the Far Eastern Marine Biosphere Reserve) and in creation of the Museum of Sea Nature and Its Conservation on the Popov Island (Peter the Great Bay, Sea of Japan). Larisa Ryabushko began

her full-fledged scientific activity in 1977 with studying benthic diatoms in the seas of the Far East.

Since 1985, she has been working at IBSS, starting as a senior engineer and now being a chief researcher. Based on the material of her study of benthic diatoms, she successfully defended her PhD thesis “Diatoms of the Upper Sublittoral of the Northwestern Sea of Japan” in 1986. L. Ryabushko has a wide range of scientific interests: it covers investigating systematics, floristics, and ecology of marine microalgae of the Sea of Japan; Black, Aegean, and Mediterranean seas; seas of the Far East; and seas of Antarctica. Samples she has taken (more than 1,000 items) were included in IBSS museum collection. Based on the material of three research cruises on the RV “Akademik A. Kovalevsky” (1989, 1990, and 1993) aimed at studying microphytobenthos of the Zernov *Phyllophora* Field and banks of the Aegean Sea and Mediterranean coast of Egypt, she obtained new scientific results, which were included in her D. Sc. dissertation. She collected and processed extensive material on species diversity of microphytobenthos of the Black Sea coastal zones and dynamics of its structural and functional characteristics. In 2009, Larisa Ryabushko successfully defended her D. Sc. dissertation “Microphytobenthos of the Black Sea” in hydrobiology. In 2013, her monograph of the same name was published. She did a great work on the inventory of microalgae of the Black Sea benthos (including potentially dangerous ones), phytoplankton and microphytobenthos of the Sea of Azov, and the Black Sea benthos.

In 2015–2016, L. Ryabushko, in collaboration with her student A. Begun (Institute of Marine Biology, Vladivostok), published a 2-volume synopsis and atlas “Diatoms of the Microphytobenthos of the Sea of Japan” – with detailed description of size characteristics, ecology, and geography of taxa and with micrographs.

Larisa Ryabushko is the author of more than 220 scientific publications, *inter alia* 10 monographs, 3 of which are collective, and the co-author of 1 patent and 3 database registration certificates. She presented her scientific reports at national and international congresses, symposiums, and conferences in Russia, Ukraine, Belarus, Greece, the Netherlands, Germany, Montenegro, and Turkey.

Since 2011, she has been successfully leading a non-structural group of 9 employees of IBSS aquaculture and marine pharmacology department. They investigate floristics and ecology of planktonic and benthic microalgae, cyanobacteria, and microscopic marine fungi. Under her leadership, the team effectively solves advanced problems in algology.

L. Ryabushko has good scientific and organizational skills. Over the years, she led the grant of the International Foundation For Science, the Ukrainian–Turkish project, and the RFBR grant aimed at studying diatoms and cyanobacteria of periphyton of experimental synthetic polymeric materials in the Black Sea. She makes a significant contribution to scientific activities of the department and IBSS.

Larisa Ryabushko is a member of two dissertation councils – in hydrobiology at IBSS and in oceanology at the Murmansk Marine Biological Institute. She pays considerable attention to the training of researchers. In 2008–2011, she was PhD thesis consultant for a colleague from Institute of Marine Biology (Vladivostok). Under her scientific supervision, four researchers successfully defended their PhD theses. To date, one more work is being prepared.

L. Ryabushko is the member of the Ovchinnikov Russian Biotechnology Society and Russian Professorial Assembly, as well as academician of the Russian Ecological Academy and Petrovsky Academy of Sciences and Arts. She serves on the editorial board of the journal “Issues of Modern Algology” (Moscow).

For her merits in scientific activity, training of researchers, and achievements in hydrobiology, Larisa Ryabushko was awarded a diploma of the President of the Russian Academy of Sciences, as well as several diplomas and certificates of appreciation from the Sevastopol City Council, the Legislative Assembly of Sevastopol, and the Ministry of Science and Higher Education of the Russian Federation.

Students, colleagues, and friends sincerely admire her purposefulness, initiative, high professionalism, and devotion to science; they really appreciate her help and support in work! The staff of IBSS wishes Larisa Ryabushko good health, inexhaustible energy, new scientific achievements, family well-being, and fulfillment of desires!

К ЮБИЛЕЮ ДОКТОРА БИОЛОГИЧЕСКИХ НАУК ЛАРИСЫ ИВАНОВНЫ РЯБУШКО

14 июля 2022 г. исполнилось 75 лет Ларисе Ивановне Рябушко — д. б. н., гл. н. с. отдела аквакультуры и морской фармакологии ФИЦ «Институт биологии южных морей имени А. О. Ковалевского РАН». Лариса Ивановна является автором около 220 научных публикаций и академиком Российской экологической академии и Петровской академии наук и искусств.