

CHRONICLE AND INFORMATION

ON THE ANNIVERSARY OF PROFESSOR GERMAN ZUYEV



G. Zuyev was born in 1936 in Chita (Zabaykalsky Krai) to a military family. In 1954, he graduated from school and entered the Ichthyology Department of the Mikoyan Moscow Technical Institute of Fishing Industry and Economy (Mosrybvtuz). Among his classmates at the institute, with whom German Zuyev has been friends for life, were Igor Shaboneev, who worked for many years at VNIRO and the USSR State Committee for Science and Technology, and Academician Yuri Altukhov, who headed the Vavilov Institute of General Genetics of the Russian Academy of Sciences.

In 1959, G. Zuyev graduated from the institute with a degree in ichthyology and fish farming and was assigned to work at the Atlantic Scientific and Fisheries Prospective Exploration (Kaliningrad) as an ichthyology engineer. While working there, he took part in four scientific expeditions to the North Atlantic on fishing vessels.

In 1960, while on vacation, he visited Sevastopol for the first time and met the director of the Sevastopol Biological Station Vladimir Vodyanitsky, Corresponding

Member of the Academy of Sciences of the Ukrainian SSR. In 1961, German Zuyev entered postgraduate school. His supervisor was Yuri Aleev, the head of Nekton Department. During his postgraduate studies, G. Zuyev took part in two expeditions on the RV “Academician A. Kovalevsky”: to the Mediterranean and Red seas, and the Gulf of Aden. The extensive biological material he collected became the basis for his PhD thesis. In 1965, he successfully defended his work on invertebrate zoology *Functional Principles of the External Structure of Cephalopods* at the dissertation council of the Zoological Institute of the Academy of Sciences of the Soviet Union (Leningrad). A year later, his first monograph was published: *Functional Principles of the External Structure of Cephalopods* (1966).

In 1961–1968, German Zuyev took part in several expeditions to the northwestern Indian Ocean, including the Red and Arabian seas, the Persian Gulf, and the Gulf of Aden, where he collected cephalopods. The results obtained formed the core of his monograph *Cephalopods from the Northwestern Indian Ocean* (1972). In 1971, his monograph, co-authored with a renowned scientist Kir Nesiz, was published: *Squid (Biology and Fishing)*. In 2003, this book was translated into English and published by the Smithsonian Institution (Washington).

In 1967, G. Zuyev was transferred from the Nekton Department to the Ichthyology Department. He continued studying the morphology and ecology of cephalopods, and analyzing the issues of their commercial use. Since 1972, he has been investigating the intraspecific structure, biology, ecology, and distribution of the orangeback flying squid *Sthenoteuthis pteropus*. While taking part in numerous expeditions on the RV “Mikhail Lomonosov,” “Academician Vernadsky,” and “Professor Vodyanitsky,” he developed methods for visual quantifying of epipelagic squids.

Since 1976, German Zuyev was the scientific supervisor and executive director of several projects of the USSR State Committee for Science and Technology and contracts with research institutes of the USSR Ministry of Fisheries (AtlantNIRO and AzCherNIRO) aimed at studying productivity of pelagic oceanic squids, and revealing and rational use of their resources. In 1981, he was appointed head of the Laboratory of Nektonic Animal Productivity and proved himself to be a talented leader. In 1982, G. Zuyev successfully defended his dissertation in hydrobiology *Species Structure, Ecology, and Productivity of Nektonic Oceanic Squids* at IBSS.



Laboratory processing of squids. Left to right: O. Ovcharov, G. Zuyev, and V. Nikolsky

In 1983–1984 and 1990–1991, he headed the Hydrobiology Laboratory at the Soviet-Guinean Scientific Research Center of the Marine Hydrophysical Institute of the Academy of Sciences of the Ukrainian SSR (Conakry) and carried out ichthyological research. The results formed the basis for the collective monograph *Tropical Atlantic. Guinea Region* (1988) and several scientific papers.

In 1996–2021, German Zuyev headed the Ichthyology Department at IBSS.

His research interests are focused on studying commercial fish in the Black Sea, revealing patterns in the formation of commercial fish aggregations, and providing scientific justification for optimizing fishery. He developed and successfully tested an ecological and geographical approach to revealing populations of common Black Sea fish of commercial importance, and assessed the effect of fishery and climate change on the biological characteristics of anchovy and sprat, as well as on dynamics of their abundance.

Because of his inexhaustible energy, remarkable capacity for work, creative thinking, analytical mind, and meticulousness in research, G. Zuyev became a renowned specialist in Russia and abroad. The results of his investigations on the state of populations of common and commercial fish species in the Sea of Azov and Black Sea, as well as the productivity of pelagic ocean communities, are of high scientific importance. During his 65 years at IBSS, he has published over 250 scientific papers, two individual and five collective monographs, and two popular science books. He serves on the editorial board of *Marine Biological Journal* and is a member of IBSS dissertation council.

German Zuyev has extensive experience in teaching. For several years, he gave lectures to students at the Sevastopol Branch of Moscow State University and the Sevastopol Institute of Nuclear Energy and Industry. Also, he supervised internships, coursework, and term papers of students from various universities across the country. In 2001, he was conferred the title of Professor. He supervised six PhD theses.



of Sciences” (2024). In 2026, he was awarded the title of “Honored Figure in Science and Technology of Sevastopol.”

Dear German Zuyev! The staff of the Institute of Biology of the Southern Seas sincerely admires your initiative, high professionalism, and dedication to science. On your wonderful anniversary, we wish you good health, a long and active life, new creative successes, family well-being, and the fulfillment of all your wishes!

S. Tsarin and E. Skuratovskaya, IBSS

ON THE ANNIVERSARY OF PROFESSOR GERMAN ZUYEV

Герману Васильевичу Зуеву — известному ихтиологу, крупному специалисту по головоногим моллюскам, доктору биологических наук, профессору, научному консультанту отдела ихтиологии ФИЦ ИнБЮМ — 27 июня 2026 г. исполняется 90 лет. За 65 лет работы в институте Г. В. Зуев внёс существенный вклад в изучение внутривидовой структуры гидробионтов. Герман Васильевич — автор более чем 250 научных публикаций и член редколлегии «Морского биологического журнала».