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CHARACTERISTIC OF COMPARATIVE HISTOLOGICAL STUDIES OF ACADEMICIAN D.K. TRETIAKOV

Summary

The name of Dmitry Konstantynovych Tretiakov (1878-1950), an honored worker of science of UkSSR, an academician of the UkSSR, Doctor of Biological Sciences, and a professor is well-known to a wide circle of biologists. He is an outstanding Soviet zoologist, a pathologist and a histologist, who made a significant contribution to the development of a package of important issues in systematics and phylogeny, anthropology, regional studies, environmental protection and popularization of scientific knowledge. D.K. Tretiakov has published about 300 works, including large monographs, textbooks and brochures on specific issues of comparative anatomy and histology, ichthyology, and microscopic anatomy. All of them have great general biological significance. In his scientific practice the scientist used new methods of comparative anatomical studies, histological and cytological studies of the nervous system of animals, he expanded and proved by new evidence the ctenophore theory of the origin of echinoderms I.I. Mechnikov, made a significant contribution to solving the problems of systematics and phylogeny of fish, he created valuable manuals and textbooks.

Since the beginning of his scientific career D.K. Tretiakov is a consistent Darwinist, he attended lectures of professors V.T. Shevyakov, V.M. Shymkevych and O.S. Dogiel, he trained in Germany with the leading scientists O. Hertwig, G. Walreider, F. Kopsh, G. Virchow and G. Gauck.

In 1929 in Odessa D.C. Tretiakov founded and headed the Institute of Zoology and Biology. From 1944 to 1948 he headed the Institute of Zoology of the Academy of Sciences, directed the Department of Ichthyology at Institute of Hydrobiology of the USSR, directing his work to solve practical problems of Fisheries in Ukraine. A lot of work Dmitry was doing in Kiev Shevchenko University as a Head of Department of Ichthyology at the Faculty of Biology, he was elected as a Chairman of the Department of Biological Sciences and a member of the Presidium of the USSR.

The studies of D.K. Tretiakov summed up the centuries of animals research that was initiated by Aristotle and which had passed a long way of development and ended up by the creation of modern Darwinian morphology. All multifaceted scientific, organizational and pedagogical activity of D.K. Tretiakov indicates a proactive life of a scientist. The results of his research were in basic textbooks on comparative anatomy and physiology and received their worldwide recognition.

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