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THE SCIENTIFIC HERITAGE OF DOCTOR OF BIOLOGICAL SCIENCES PROFESSOR LEONID IVANOVYCH RUBTSOV

Summary

Goal. To study the scientific heritage of the outstanding dendrologist and landscape architect Doctor of Biological Sciences Leonid Ivanovich Rubtsov.

Methods. Historical-scientific, source-studying and archival analysis.

Scientific interests of the Doctor of Biological Sciences Professor L.I. Rubtsov covered a wide range of issues: the introduction of plants, the biological basis of cultural phytocenoses, forestry, landscape forestry, landscape architecture, dendrology, aesthetics and longevity of trees and shrubs, floriculture, reconstruction of ancient parks and design of new ones. Content analysis of scientific works of L.I. Rubtsova showed that most of his works were devoted to landscape architecture and dendrology. L.I. Rubtsov was among the first scientists not only in Ukraine but also

throughout the former USSR, who developed and began to implement biological foundations in landscape construction: he developed a classification of landscapes. The scientist successfully used these theoretical developments in practice: while forming the plantations in suburban forests (forest landscapes), and creating the arboretum of M.M. Gryshko National Botanical Garden of the National Academy of Sciences of Ukraine and while designing new parks. L.I. Rubtsov substantiated and proposed methods of landscape formation of ancient parks and forest suburban plantations, besides he was the first to propose the concept of park culture phytocenosis. Based on scientific grounds for the formation of dendrological collections developed by L.I. Rubtsov the unique gene pool of woody plants was collected in the NBS. The NBS lilac collection created by him is one of the best in the world, and it has no equal in terms of the level of emotional impact on visitors. In 1967, this work was awarded a diploma of the Union of Architects of the USSR "For the best work in the field of architecture." Scientific works of L.I. Rubtsov, especially monographs, textbooks and reference books are still indispensable manuals for many professionals in the field of landscape architecture and decorative horticulture.

Conclusions. Considering the scale and effectiveness of scientific activities of the Professor L.I. Rubtsov, his name should be attributed to the pleiad of prominent scientists of the twentieth century.

Keywords: *L.I. Rubtsov, landscape architecture, dendrology, M.M. Gryshko National Botanical Garden of the National Academy of Sciences of Ukraine.*