Original article

EDN VLWCAU DOI 10.24419/LHI.2304-3083.2023.4.11

Wild Non-Wood Forest Products – Recourses, Use and Legal Regulation: Analytical Review

Alexander A. Martynyuk¹

Doctor of Agricultural Sciences, Academician of the Russian Academy of Sciences Lyudmila E. Kurlovich²

Candidate of Biological Sciences

Irina G. Trushina³ Natalia I. Trushina⁴

> **Abstract.** Biological and exploitable volume of basic kinds of forest food resources and medical plants in Russian Federation is considered. The appraisal of methods of estimating of volume of wild plants in forests is given. The analysis of management of usage of forests for food forest recourses and medical plants harvesting under wood lot lease hold and by individuals for internal requirements is made. Data on forest plants harvesting volume has been carried out. The topical interests of legal and regulatory environment of harvesting and processing are captured. Practical experience of regions in management of this sphere is shown. The results of scientific research and progress in forest berries plantation growth has been enounced. The steps for intensification of forest usage for non-timber forest food products harvesting and further development of wild plants field has been proposed.

> **Key words:** forest food recourses, medical plants, resource potential of wild plants, berry and mushroom volume appraisal, wood lot lease hold, wild plants harvesting and processing, forest berry plants plantations, forest wild plants usage and processing effectiveness.

For citation: Martynyuk A., Kurlovich L., Trushina I., Trushina N. Wild Non-Wood Forest Products – Recourses, Use and Legal Regulation: Analytical Review. – Text : electronic // Forestry information. 2023. № 4. – P. 117–165. DOI 10.24419/LHI.2304-3083.2023.4.11. https://elibrary.ru/vlwcau.

¹ Russian Scientific Research Institute for Silviculture and Mechanization of Forestry, Director (Pushkino, Moscow Region, Russian Federation), vniilm_martinuk@mail.ru

² Russian Scientific Research Institute for Silviculture and Mechanization of Forestry (Pushkino, Moscow Region, Russian Federation), rubus50@mail.ru

³ Russian Scientific Research Institute for Silviculture and Mechanization of Forestry, Head of the Laboratory of Forest Use (Pushkino, Moscow region, Russian Federation), lesvniilm@yandex.ru

⁴ Russian Scientific Research Institute for Silviculture and Mechanization of Forestry, Scientific Secretary (Pushkino, Moscow Region, Russian Federation), nataliya_trushina@gmail.com