



PERSONAL INFORMATION

IURII DEBRYNIUK

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103 General Chuprynka st., Lviv 79057, Ukraine

POSITION

Professor at the Department of Forest Crops and Forest Tree Breeding, Ukrainian National Forestry University

ACADEMIC STATUS

Full Member of the Forestry Academy of Sciences of Ukraine, Academician-Secretary of the Ukrainian Forestry Academy of Sciences, Doctor of Agricultural Sciences; member of the Society of Foresters of Ukraine; Honorary Doctor of Ecology at the Institute of Agroecology and Nature Management of the National Academy of Agrarian Sciences of Ukraine.

SCIENTIFIC RESEARCH INTERESTS

Research forester specializing in the following issues:

- the improvement of the technology of establishment and cultivation of highly-productive artificial plantations with the participation of local forest-forming, as well as introduced species;
- the elaboration and implementation of theoretical and technological principles for the establishment and cultivation of forest plantations with the participation of *Picea abies*, *Larix decidua*, *Larix kaempferi*, *Larix eurolepis*; *Pseudotsuga menziesii*;

– improvement of methodological basis for determining the resource potential of forest stands; development of methodological approaches to regional zoning of territories;

– some works relate to energy tree plantations of poplar (*Populus* spp.) and willow (*Salix* spp.) as objects of an alternative energy source.

4 PhD theses (agricultural sciences) were prepared and successfully defended under research supervision of the CV applicant.

EDUCATION AND QUALIFICATIONS

Forestry engineer (1985).

PhD in Agricultural Sciences (1989).

Associate professor at the Department of Forestry and Wood Science of the Ukrainian State Forestry University (1995).

Doctor of Agricultural Sciences (2007).

Professor at the Department of Forest Crops and Forest Tree Breeding of the Ukrainian National Forestry University (2009).

Academician of the Forestry Academy of Sciences of Ukraine (2007).

Honorary Doctor of Ecology at the Institute of Agroecology and Nature

Management of the National Academy of Agrarian Sciences of Ukraine (2019).

WORK EXPERIENCE

Service in the Armed Forces of the USSR (1979-1981).

Assistant forester at the Verkhovyna forest district of the Verkhovyna forest combine of the *Prykarpatis* production association (1981-1985).

Post-graduate student at Lviv Forestry Institute (1986-1988).

Research worker at the scientific research sector of Lviv Forestry Institute (1989-1992).

Assistant lecturer at the Department of Genetics, Forest Crops and Wood Science of Lviv Forestry Institute (1992-1995).

Associate professor at the Department of Forest Crops and Wood Science (1995-2000), the Department of Forest Crops and Forest Tree Breeding (2000-2009).

Professor at the Department of Forest Crops and Forest Tree Breeding (2009 to present).

EXPERT WORK

Member of the expert board of the Ministry of Education and Science of Ukraine on issues of scientific and academic personnel rating in agronomy and forestry (2014-2022).

Member of the expert board of the Ministry of Education and Science of Ukraine on issues of scientific and academic personnel rating in the agro-industrial complex and food (2023 to present)

Expert of the National Research Foundation of Ukraine (2022 to present)

Member of the dissertation committee D 35.072.02 at the Ukrainian National Forestry University (2022 to present)

Deputy editor-in-chief of the collection of scientific papers "Scientific Works of the Forestry Academy of Sciences of Ukraine" (2006 to present)

Member of the editorial board of the collection of scientific and technical works "Scientific Bulletin of the Ukrainian National Forestry University" (2010 to present).

Member of the editorial board of the collection of scientific works "Ukrainian Forest" (2008 to present).

Member of the scientific-and-technical council of the Verkhovyna National Nature Park (2012 to present).

Member of the scientific-and-technical council of the National Nature Park "Hutsulshchyna" (2009 to present).

Member of the Forestry Council of the Lviv Regional Department of Forestry and Hunting (2007-2022)

Member of the Forestry Council of the Western Interregional Department of Forestry and Hunting (2023 to present)

Member of the Forestry Council of the State Specialized Forestry Enterprise "Forests of Ukraine" (2023 to present).

PROFESSIONAL HONORS AND AWARDS

Award badge "Excellent student of education of Ukraine" (1999).

Charter of honor issued by the Western Scientific Center of the National Academy of Sciences of Ukraine and the Ministry of Education and Science of Ukraine for high achievements in scientific work (2007).

Award "For scientific achievements" (2009).

Award "Outstanding worker of Forestry of Ukraine" (2010).

Appreciation letter from the State Forest Resources Agency of Ukraine (2018).

Honorary Doctor of Ecology of the Institute of Agroecology and Nature Management of the National Academy of Agrarian Sciences of Ukraine (2019).

PUBLICATIONS

The author and co-authors have more than 300 research works on the issues of reforestation, afforestation, accumulation of underground and aboveground phytomass by tree plants, zoning of territories. The main works among them are as follows:

1. Debryniuk, Iu. M. (2010). Drying out of spruce forests as a result of climate change. *Proceedings of the Taras Shevchenko Scientific Society: materials of the Kosiv branch of the National Academy of Sciences*, 3, 163-171 (in Ukrainian)
2. Debryniuk, Yu. M. (2011). Technological aspects of creation and cultivation of plantation forest crops *Pseudotsuga menziesii* (Mirb.) Franco in the western region of Ukraine. *Forestry & Forest Melioration*, 118, 142-148 (in Ukrainian)
3. Debryniuk, Yu. M. (2013). *Pseudotsuga menziesii* in Ukraine: distribution, forestry and assessment characteristics and prospects of cultivation. *Forestry & Forest Melioration*, 122, 24-31 (in Ukrainian)
4. Debryniuk, Iu. M., Krynitskyy, G. T., & Tselen, Ya., P. (2016). *Technology of forest plantation cultivation in the western region of Ukraine*. Lviv: Kamula. 160 p. (in Ukrainian)
5. Belelya, S. O., & Debryniuk, Iu. M. (2017)/ Cultivation of species of the genus *Larix* L. in artificial plantations of the Western Polissia of Ukraine. Lviv: Galician Publishing Union. 444 p. (in Ukrainian)
6. Brovko, F. M., Sbytna, M. V., Fuchylo, Y. D., Debrynyuk, Iu. M., Gaida, Y. I., & Chornobrov, O. Yu. (2017). Regional features of the creation, cultivation and operation of energy plantations of fast-growing tree species in the conditions of Ukraine. Kyiv: National University of Bioresources and Nature Management of Ukraine. 44 p. (in Ukrainian)
7. Fuchilo, Y. D., Debryniuk, Iu. M., Brovko, F. M., Haida, Yu. I., Sbytna, M. V., & Fuchylo, D. Ya. (2018). Plantation afforestation for industrial and energy purposes: conceptual principles, technological features and prospects. Kyiv: Comprint. 321 p. (in Ukrainian)
8. Debruniuk, Iu. (2019). The influence of phytocoenotic conditions on wood accumulation by stands with the *Pseudotsuga menziesii* (Mirb.) Franco partici-

- pation in the western region of Ukraine. *Proceedings of the Forestry Academy of Sciences of Ukraine*, 19, 33-49. <https://doi.org/10.15421/411925> (in Ukrainian)
9. Debryniuk, Iu. M., & Fuchylo, Ya. D. (2020). *Plantation forests in Ukraine: conceptual foundations, resource potential and energy use*. Lviv: Galicia Publishing Union. 504 p. (in Ukrainian)
10. Raspopina, S., Debryniuk, Yu., & Hayda, Yu. (2020). Forest plantation productivity – soil interactions within Western Forest-Steppe of Ukraine: effects of pH and cations. *Folia Forestalia Polonica, Series A – Forestry*, 62 (4), 233-245. <https://doi.org/10.2478/ffp-2020-0023>
11. Debryniuk, Iu. M. *Larix kaempferi* Carr. as a promising woody species for plantation forest growing in forest stands of the Western Forest-Steppe of Ukraine. *Proceedings of the Forestry Academy of Sciences of Ukraine*, 20, 93-106. <https://doi.org/10.15421/412009> (in Ukrainian)
12. Debryniuk, Iu. M., Fuchylo, Y. D., & Guz, M. M. (2020). *Plantation forestry*. Lviv: Galicia Publishing Union. 428 c. (in Ukrainian)
13. Debryniuk, Iu. M. (2020). *Pseudotsuga menziesii* (Mirb.) Franco as a promising tree species for forest plantations in the western region of Ukraine. *Proceedings of the Forestry Academy of Sciences of Ukraine*, 21, 87-96. <https://doi.org/10.15421/412029> (in Ukrainian)
14. Yukhnovskyi, V. Yu., Zibtseva, O. V., Debryniuk, I. M. (2021). Evaluation of green space systems in small towns of Kyiv region. *Bulletin of Geography. Socio-economic Series*, 53(53): 7-16. <http://doi.org/10.2478/bog-2021-0019>
15. Debryniuk, Iu. M., Sinyavskyi, Yu. E, Koval, R. M., Lipitka, M. P., & Datskiv, R. P. (2022). Selection inventory of facilities of the permanent forest-seed establishment at the Lviv Forestry State Enterprise and ways of reproducing genetic resources of forest-forming tree species. Lviv: Galician Publishing Union. 252 p. https://manusbook.com/9100_PLNB_Lviv/index.html (in Ukrainian)
16. Debryniuk, Iu., Lavnyy, V., Myklush, S., & Chihrak, T. (2022). Expediency of introduction of alien tree species into forest plantations of Ukraine. *Proceedings of the Forestry Academy of Sciences of Ukraine*, 24, 104-119. <https://doi.org/10.15421/412209> (in Ukrainian)
17. Debrynyuk, Iu. M., Dankevich, S., M., Khomyak, D. P., & Yukhymchuk, T. V. (2022). Selection inventory of facilities of the permanent forest-seed establishment at the Radekhiv Forest Hunting State Enterprise and ways of reproducing genetic resources of forest-forming tree species. Lviv: Galician Publishing

Union, 288 p. https://manusbook.com/9107_Debruniuk_Radexiv/index.html (in Ukrainian)

18. Myklush, S. I., Debryniuk, Iu. M., Zayachuk, V. Ya., Kramarets, V. O., Krynytskyi, G. T., Mykhailiv, O. B., ... Chaskovskyi, O. H. (2022). *Basics of Forestry* (2022). In Iu. M. Debryniuk (Ed.). Lviv: Galician Publishing Union. 824 p. https://manusbook.com/9097_Basics_Forestry/index.html

19. Debruniuk, I., Hayda, Y., Myklush, S., & Myklush, Y. (2022). Distribution, growth and productivity of *Larix decidua* Mill. plantations in the western Forest-Steppe of Ukraine. *Baltic Forestry*, 28 (1), 51-58. <https://doi.org/10.46490/BF564>

20. Myklush, Y., Myklush, S., Debryniuk, I., & Hayda, Y. (2022). Formation of european beech stands (*Fagus sylvatica* L.) that involve Scots pine (*Pinus sylvestris* L.) in tree species composition in the Ukrainian Roztochie. *Folia Forestalia Polonica, Series A – Forestry*, 64 (2), 83-89. DOI: <https://doi.org/10.2478/ffp-2022-0008>.