Original article

EDN JCAVLS DOI 10.24419/LHI.2304-3083.2025.3.08

Assessment of Decorative Feature of Coniferous Plants in Urban Parks and Squares of Bryansk

Svetlana N. Shlapakova¹ Candidate of Biological Sciences

Oksana V. Panfilyuk²

Anna V. Skok3

Candidate of Biological Sciences

Vladimir N. Sorokopudov4

Doctor of Agricultural Sciences

Abstract. The article examines the state of coniferous plantations in the urban environment of Bryansk using the example of the landscaped common areas of the Sovetsky district. The objects of research are 3 types of coniferous plants – European spruce, prickly spruce and Western thuja, as the most common in urban landscaping. An inventory of the plantings was carried out and their visual assessment was carried out according to the degree of damage to the crown of the trees. The vital condition of coniferous plantations of the city was studied on the basis of the method of V.A. Alekseev. A visual analysis of the degree of damage to the tree crowns indicates a satisfactory condition of the plantings.

Key words: conifers, inventory, vital condition of plants, parks, squares.

For citation: Shlapakova S., Panfilyuk O., Skok A., Sorokopudov V. Assessment of Decorative Feature of Coniferous Plants in Urban Parks and Squares of Bryansk. – Text: electronic // Forestry Information. 2025. № 3. P. 81–89. DOI 10.24419/LHI.2304-3083.2025.3.08. https://elibrary.ru/jcavls.

¹ St. Petersburg State Forestry Engineering University named after S.M. Kirov, Head of the Department of Ornamental Plant Breeding, Associate Professor (St. Petersburg, Russian Federation), shla-svetlana@yandex.ru

² Bryansk State Engineering and Technology University, Post-Graduate Student of the Chair of Landscape Architecture and Garden and Park Construction (Bryansk, Russian Federation), o-chusheva@mail.ru

³ Bryansk State Engineering and Technology University, Head of the Department of the Chair of Landscape Architecture and Garden and Park Construction (Bryansk, Russian Federation), s.anna.v@mail.ru

⁴ Botanical Garden of the All-Russian Research Institute of Medicinal and Aromatic Plants, Chief Researcher of the Laboratory, Professor (Moscow, Russian Federation), sorokopud2301@mail.ru