

POSSIBILITIES OF USE OF SPECIES OF REGIONAL FLORA IN EXPOSITIONS OF BOTANICAL GARDEN

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The article presents the project of the exposition area for the Botanical garden using plants of natural flora of the Saratov region. Preference is given to local species included in the Red Books of the Russian Federation and the Saratov region, whose representatives live in areas of meadow steppes. Some results of introduction and phenological observations in territory of educational and scientific center "Botanical garden" of Saratov State University are presented for the selected model plants. The concept of the project can be used in landscape design in settlements or on garden plots within the Saratov region.

Key words: rare plant species, Botanical garden, Saratov region, plant exposition, project, flower garden.

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REFERENCES

Bylov V. N., Karpisonova R. A. Principles of Creation and Study of a Collection of Small Decorative Perennials. Bulletin of the Central Botanical Garden, 1978, vol. 107, pp. 77 – 82. (in Russian).

Gorbunov Yu. N., Demidov A. S. Protected Areas in Russian Federation. Botanical Gardens and Dendrological Parks. Moscow: KMK Scientific Press Ltd., 2012. 358 p. (in Russian).

Red Data Book of Saratov Oblast. Saratov: Izdatel'stvo Torgovo-Promyshlennoi Palaty Saratovskoi Oblasti, 2006. 248 p. (in Russian).

Red Data Book of Russian Federation (Plants and Mushrooms). Moscow: KMK Scientific Press Ltd., 2008. 855 p. (in Russian).

Guide to Expositions of the Flora Department of the USSR Main Botanical Garden of the USSR. Moscow: Nauka Publ., 1981. 103 p. (in Russian).

Serova L. A., Shilova I. V., Gladilina T. J., Demochko J. A., Petrova N. A. Protected Plant Species Saratov Region in the Department's Collections of Flora and Vegetation Educational and Scientific Center «Botanical Garden». Bulletin of Botanic Garden of Saratov State University, 2015, vol. 13, pp. 107 – 120. (in Russian).

Shilov M. P., Dmitriev A. V. Botanical Gardens and Noosphere. Proceedings of the Cheboksary Branch of the Central Botanical Garden of RAS, 2016, vol. 8, pp. 8 – 22. (in Russian).

Methods of Introductory Study of Medicinal Plants: Educational-Methodical Manual for Students of the Biological Faculty. Saratov: Izdatel'stvo Saratovskogo Universiteta, 2007. 45 p. (in Russian).

Shilova I. V., Panin A. V., Maevskiy V. V. Rare and Protected Plants in the Collection of the Botanical Garden of Saratov State University. *Izvestiya of Saratov University, Biological Series*, 2001, Special Issue, pp. 502 – 506. (in Russian).

Zaytsev G. N. Phenology of Herbaceous Perennials. Moscow: Nauka Publ., 1978. 149 p. (in Russian).