

**MATERIALS TO THE FLORA OF NATURAL MONUMENT
«DIAKOVSKIY FOREST» (SARATOV REGION)**

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Data on a floristic diversity of the natural monument «Diakovskiy forest» (Saratov region) – massif of pine and pine-broad-leaved forests which is located on sandy-clay sediments of the Eruslan river in the transition zone between dry and desert steppes are presented. A total of 289 species of vascular plants belonging to 60 families and 204 genera are registered. *Betula borysthenica* Klokov and *Stellaria subulata* Boeber ex D.F.K. Schltl. a is indicated for the flora of Saratov region for first time. 10 species are included in the Red Data Book of Saratov region (2006): *Astragalus wolgensis* Bunge, *Betula pubescens* Ehrh., *Ephedra distachya* L., *Fritillaria ruthenica* Wikstr., *Glycyrrhiza glabra* L. s.l., *Iris pumila* L., *Pulsatilla pratensis* Mill., *Salix rosmarinifolia* L., *Thelypteris palustris* Schott, *Viola ambigua* Waldst. et Kit. The presented materials to supplement information about the flora of Saratov Trans-Volga region and can become a basis for complement and monitoring for the flora of natural monument «Diakovskiy forest».

Key words: flora, vascular plants, Diakovskiy forest, Eruslan, Saratov region.

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REFERENCES

Bogdan V. S. List of Angiosperm plants collected in the southern part of Novouzensky district, Samara province. *Proceedings of the Saratov Society of Naturalists and Science Fans*, 1899, vol. 2, iss. 3, pp. 33 – 72. (in Russian).

Bogdan V. S. List of plants found within the Valuisky state plot and in its immediate vicinity. In: *Report of the Valuisk Agricultural Experimental Station (Novouzenskiy uezd Samarskoj gubernii)*. God I – II, 1895 – 1896. St. Petersburg, 1900. pp. 60 – 84. (in Russian).

Elenevskij A. G., Bulanyj Yu. I., Radygina V. I. *Summary of the flora of the Saratov region*. Saratov: Nauka, 2008. 232 p. (in Russian).

Flora of the South-East of the European part of the USSR. Vol. 1 – 5. Leningrad: USSR Academy of Sciences, 1927 – 1930; Vol. 6. Moskow; Leningrad: USSR Academy of Sciences, 1936. (in Russian).

Khudyakov I. I. Saltovsky Forest (Lower Zavolzhye). *Botanicheskij zhurnal*, 1945, vol. 30, iss 6, pp. 279 – 280. (in Russian).

Kireev E. A. On some species of the flora of the Prieruslanskie sands. In: *Questions of biology, ecology, chemistry and teaching methods: Coll. scientific st.* Vol. 7. Saratov, 2004. pp. 87 – 90. (in Russian).

Kireev E. A. On some species of the flora of the Prieruslanskie sands of the Saratov region. In: *Questions of biology, ecology, chemistry and teaching methods: Coll. scientific st.* Vol. 4. Saratov, 2001. pp. 23 – 24. (in Russian).

Kireev E. A., Gorin V. I. *Materials to the flora of the Prieruslanskie sands of the Saratov region*. Saratov, 1994. 31 p. VINITI 20.04.94, № 936-V94. (in Russian).

Neronov V. V., Proskura A. V. Floristic diversity of the island forest in the Prieruslanskie sands of the Saratov Trans-Volga region. In: *Steppes of Northern Eurasia. Materials of the VI international symposium and VIII international school-seminar “Geoecological problems of the steppe regions”*. Orenburg: Gazprompechat’, 2012. pp. 522 – 525. (in Russian).

Nevskij S. A., Davidenko O. N. Vegetation of temporary ponds in the natural monument “Duyakovskiy les”, Saratov region. *Phytodiversity of Eastern Europe*, 2014, vol. 8, iss. 2, pp. 106 – 110. (in Russian with English abstract).

Sagalaev V. A. Flora of steppes and deserts of the South-East of European Russia, its genesis and current state: Dissertation for the degree of Doctor of Biological Sciences. Moskow, 2000. 1005 p. (in Russian).

Shilova S. A., Neronov V. V. Vegetation and mammals population of insular forest tract in dry steppe subzone on the left bank of the Volga. *Bulletin of Moscow Society of Naturalists. Biological series*, 2010, vol. 115, iss. 4, pp. 3 – 12. (in Russian).

Specially protected natural territories of the Saratov region: national park, natural micro-reserves, nature monuments, arboretum, botanical garden, specially protected geological objects. Saratov: Izdatel'stvo Saratovskogo Universiteta, 2007. 300 p. (in Russian).

Summary of the flora of the Saratov region. Vol. 1 – 4. Saratov: Izdatel'stvo Saratovskogo Universiteta, 1977 – 1983. (in Russian).

Tarasov A. O., Gorin V. I. Prieruslanskie sands as a refuge for rare plant species. *Botanicheskij zhurnal*, 1986, vol. 71, iss. 12, pp. 1689 – 1691. (in Russian).

The Red Book of the Saratov region: Mushrooms. Lichens. Plants. Animals. Saratov: Izdatel'stvo Torgovo-promyshlennoi palaty Saratovskoi oblasti, 2006. 528 p. (in Russian).

Vilenskij D. G. Vegetation of the Saltovsky forest in the Novouzensky district of the Saratov province. *Proceedings of the Saratov Agricultural Experimental Station*, 1918, vol. 1, iss. 2, pp. 1 – 14. (in Russian).

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