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**АКТУАЛЬНІ ПРОБЛЕМИ БОТАНІКИ,
ЕКОЛОГІЇ ТА БІОТЕХНОЛОГІЇ**

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Київ

Present-day of rare plants populations of the Sviatoshyn forestry in Kyiv

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Recently, Sviatoshyn-Pushcha-Vodytsia forest undergoes increasing anthropogenic pressure, as it stretches along Kyiv borders on North and West. Thus, establishing several scattered regional reserve territories here isn't enough for nature conservation. At the same time, preservation of rare plants here should be based on careful study of their populations' development dynamics, identification of specific harmful factors of anthropogenic influence and their further removal by means of conservation state advances. To clarify the subject, authors have been observing the populations' allocation, age group spectra, and reproduction method properties every year since 1999. Among species we studied there were those of Ukraine Red Data Book (*Pulsatilla nigricans* Stork., *Lilium martagon* L., *Epipactis helleborine* (L.) Crantz., *Neottia nidus-avis* (L.) Rich.), Appendix 1 of the Bern Convention (*Pulsatilla patens* (L.) Mill.), and regionally rare plants, protected by Kiev City Council decree JM 219/940 on 06.29.2000 (*Convallaria majalis* L., *Potentilla alba* L., *Aquilegia vulgaris* L., *Botrychium multifidum* (S. G. Gmel.) Rubr., *Lycopodium clavatum* L., *Juniperus communis* L., *Iris kungurica* Waldst. et Kit., *Dracocephalum ruyschiana* L.) Population adaptation for certain level of economic or recreational pressure was estimated. Necessity of creation "Sviatosfyrisko-Pushcha-Vodytski" National Park, with territory zoning based on rare plant populations' position, for protection of existing populations and their further effective monitoring, was proved.