

ASPECTS REGARDING THE ECOLOGICAL SITUATION OF SOME PROTECTED AREAS IN CHISINAU MUNICIPALITY

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Currently, it is necessary to address the problems of biodiversity conservation at the geosystemic, ecosystemic and species levels. Particular attention must be paid to protected natural areas intended for the protection and conservation of plant communities and valuable wildlife habitats, and this is clearly felt in urban areas as well.

In Chisinau municipality, according to the Law on the fund of state protected natural areas no. 1538-XIII of 25.02.1998, there are 4 natural objects protected by the state: Zoo – 24,27 ha; Dendrological Garden - 83 ha; National Museum of Ethnography and Natural History - 0.075 ha; “Valea Morilor” culture and leisure park - 113.9 ha, as well as secular trees - 63 units.

The Zoo is a Scientific Institution for culturalization and training. During 2021, the correctness of the requirements for the rational use of the faunal collections as well as of the species from the animal kingdom in captivity was kept under control and verified.

Dendrological Garden has rich vegetation. During 2021, the administration of the institution did not request the Environmental Protection Agency to coordinate the forestry works. At the same time, it should be mentioned that the ecological condition of the park is satisfactory.

The National Museum of Ethnography and Natural History is a Monument of landscape architecture and guarantees the conservation and protection of the faunal and floristic collections within the botanical garden and the vivarium of the institution. The secular trees managed by the respective Museum are in a satisfactory condition, their protection regime is respected, information plates are installed.

The “Valea Morilor” culture and leisure park has the status of an architectural and landscape monument, the owner being the Chisinau City Hall. During 2021, forestry works were coordinated in relation to the vegetation proposed by the Municipal Enterprise of the Green Spaces Management Association. The vegetable kingdom is relatively rich. There are 63 secular trees in the field. The Agency for Environmental Protection for the period 2021, drafted letters to the beneficiaries of the lands in whose management are secular trees, through which it was made known the need to ensure the protection regime. Protected natural areas operate in accordance with the Framework Regulations, developed for each of their categories. The regime for the administration of the protected areas fund represents a unitary set of protection, ecological and technical-organizational measures that regulate the activity carried out within the natural objectives. The specific elements of the protected areas in Chisinau municipality correspond to the category of protection and their condition is satisfactory.

Keywords: biodiversity conservation, protected natural areas, secular trees, urban areas.