

RETROSPECTIVE ANALYSIS OF TERRITORY OF THE ARBORETUM "YUNNATSKYY" NATIONAL ECOLOGICAL NATURALISTIC CENTER

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The area of the arboretum "Yunnatskyy" is part of the park monument of landscape architecture "Birch Grove", which was founded in the early XIX century. In 1925 the park was divided into two parts: one with an area of 10 hectares transferred under construction Podolsky District recreation park, the other - the National ecological naturalistic center - NENC. The decision of the Cabinet members in March 2006 it received the status area center arboretum local importance "Yunnatskyy".

Arboretum formed for more than half a century young naturalists Ukraine and abroad to preserve natural systems with a view to enabling the combination of natural and cultural landscapes, their use in recreational, scientific, educational and cultural purposes, creating conditions for training and research school and university students. Now NENC is coordinating and methodological center 186 regional, urban environmental center, stations for young naturalists and more than 300 pupils forestry.

During the composition of landscape assessment in the arboretum, the following types of spatial structure:

Open spaces occupy a small portion of the park, including a small area in the center of the park and the area in the northern part of the park; semi-open space area occupied by the lake in the northern part of the park and the area near the school building and dormitory and closed spaces occupied almost the entire territory of the park.

During the zoning of the territory of the arboretum "Yunnatskyy" were identified following zones: reserved, research, exhibition and administrative.

During the inventory was identified more than 60 species of trees, shrubs and vines. Almost all kinds are in good condition (approximately 90%).

At the arboretum trees are the most represented (91%), shrubs (7%) and vines (2%). At the arboretum grow about 2520 trees, the most common of which are *Thuja occidentalis* L., *Picea abies* (L.) H.Karst, *Betula pendula* Roth., *Quercus robur* L., *Acer platanoides* L., *Malus baccata* (L.) Borkh. and 208 bushes, most common of which *Syringa vulgaris* L., *Syringa josikaea* J.Jacq. ex Rchb., *Forsythia europaea* Degen et Bald. and *Spiraea media* F.Schmidt. There is also a collection of *Vitis vinifera* L.

During the analysis of complex distributed object land area subject to redevelopment, reconstruction and conservation.

According to the functional specialization arboretum, this arboretum "Yunnatsky" partially meets the distribution territory that imposed on similar projects. Therefore, to improve the state of arboretum was chosen central plot where necessary to carry out the redevelopment area. In this area you need to organize a place to rest park visitors and a place for children who could conduct their studies from different groups in the open space. Also in the next academic building sites should be organized for the exhibition of children's art work.

The area, located hostel subject to reconstruction must arrange and track pavilions, that organize the area for quiet relaxation visitors. Lake, which is located in the north-western part of arboretum needs cleaning and fixing coast.

Thus, after the above events reconstruction area will have the best view and will meet the requirements imposed on such objects.