

THE STATE ESTIMATION AND AN INVENTORY ANALYSIS OF FOLIAR PLANTINGS IN THE PRIMORSKY PARK OF THE NIKITSKY BOTANICAL GARDENS

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The analysis of the foliar arboreal plants in the Primorsky Park of the Nikitsky Botanical Gardens has been done. On the base of making of an inventory work it was defined the total amount of foliar trees taxons, their distribution on families, flora-geographical regions and a summer drought stability level. For the time being, within its original structure, a unique heat-loving dendroflora is located in the area about 5.58 hectares, numbering 127 taxons of foliar trees and shrubs belonging to 45 families, of which 36 ones are rare and less common species and forms. The estimation of state and cultivation peculiarities of the ornamental plants in the conditions of Primorsky Park testifies about the ability to use effectively the drought-resistant foliar species in the gardening and greening of the communities in the Southern Coast of the Crimea. To sum it up, working out the methods and planning the reintroduction of foliar plants from the Arboretum dendrology collection have to be based on the complex estimation of the bioecological characteristics of particular taxons and discovery of the limitative factors, which have a negative influence on their growth and development in the conditions of the lower tier of the Southern Coast of the Crimea.

Keywords: Primorsky Park, Nikitsky Botanical Gardens, foliar trees and shrubs, introduction, taxon, limitative factors.

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