

*THE TAXONOMIC COMPOSITION OF THE COLLECTION
OF BOTH FRUIT AND ORNAMENTAL TREES AND SHRUBS
IN THE NULES OF UKRAINE*

V.Mezhenskyj

The estimation of taxonomic composition of the collection of both fruit and ornamental trees and shrubs in the "Agronomical Experimental Station" of the NULES of Ukraine is given, including 266 species and interspecific hybrids. They are belonging to 46 genera of 15 family from 9 orders. There are 981 specimens including 532 cultivars and selects. The Prunus s.l., Crataegus s.l., Sorbus s.str., and Malus are presented by greatest specific and varietal diversity.

Taxonomical composition, fruit and ornamental trees and shrubs.

The purpose of researches – to define a taxonomy composition of the collection of non-traditional fruit crop and ornamental trees in the NULESU.

Objects and methods of researches. Objects of research are plants of the collections of non-traditional fruit crop and ornamental trees in the Agronomical Exploratory Station of the NULESU. Plantations are established during scientific performance on a theme 110/353-pr. "Breeding of non-traditional fruit crop and ornamental trees with both phytoncide and medicine properties and working out of technologies of organic production under the conditions of the Forest-Steppe of Ukraine" (terms of performance 2010-2012) and on a theme 110/466-pr. "Introduction, breeding and working out of technologies microclonal reproduction of non-traditional fruit crops and ornamental trees under the conditions of the Forest-Steppe of Ukraine" (terms of performance 2013-2015).

Samples involved from Ukrainian and foreign scientific institutions and collections of private persons in the form of seeds, cuttings, saplings, and seedlings. The introduction carried out according to a procedure of formation of genetic resources of plants. The list of the introducts is compounded on the basis of collection register and the inventory of plantations made in May, 2014

Conclusions. The collection of non-traditional fruit crops and ornamental trees in NULESU totals 981 sample, including 532 cultivars and selects of 266 species and interspecies hybrids of trees and shrubs which belong to 46 genera 15 families 9 orders of flower plants. It represents the variety of fruit and ornamental woody plants which have value for direct use in a national economy and the further breeding for the purpose of enriching assortment useful plants in Ukraine.

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