

COMPOSITION AND DISTRIBUTION OF SPECIES OF THE
GENUS VERONICA (*VERONICA* L.) ON THE TERRITORY
OF KYIV AND KYIV REGION

I. Shvets

These data about the composition and distribution of the autochthonous species diversity genus Veronica (Veronica L.) in the city of Kiev and Kiev region. were analyzed collections of botanical gardens and the representation of varietal and species range on the market in Kiev and Kiev region.

Veronica L., speedwell, classification, area of distribution, species diversity, diversity of varieties, the autochthonous species

Veronica (*Veronica* L.) - genus of flowering plants submitted odn-, double and multi-flowering herbaceous plants, rarely shrubs, has about 300 species [13, 6, 1].

The genus Veronica (*Veronica* L.) belongs to the tribe Veronica (*Veroniceae*), Fig-wort family (*Scrophulariaceae*), order Labiales (*Lamiáles*), class bipartite (*Magnoliópsida*), love Flower (*Magnoliophyta*). The genus is divided into sections: Beccabunga, Chamaedrys, Cochlidiosperma, Derwentia, Hebe, Pellidosperma, Pentasepalae, Pocilla, Pseudolysimachium, Stenocarpon, Synthris, Triangulicapsula, Veronica [13, 6, 12, 4, 2].

For the most common hypothesis genus Veronica has Australian origin [6]. According to this hypothesis, the families and Veronica Hebe (including Parahebe and Pigmaea) descended from common ancestors. They began to form (obviously very early Paleogene) as a separate group from the period when Australia lost ties with New Zealand.

Habitat of the genus Veronica is very large and covers almost half the land of the world, except Antarctica (Figure). He includes almost all of Eurasia, except the far north, northeast and east part of Siberia; Islands of the Pacific and Indian Oceans; Africa within the northern hemisphere; North America, approximately south of 62 °

north latitude; Central and part of South America and Australia to the south of 30 ° south latitude, and Australian habitat fragment isolated from the rest of [6].

Species diversity in the genus *Veronica* America and Africa insignificant. In North Africa - about 11 species in North America - 15 species [13].

In Australia, the number of species is less than 12 on the Iberian Peninsula about 35, the Apennine Peninsula - 29, Germany - 33 Scandinavia - 22 UK - 19 in the Balkans (Greece and Bulgaria) - 42, in Asia Minor (Turkey) - 47 in Iran - 38, Syria and Lebanon - 22 Pamir-Altai and Tien Shan - 31 Himalayas - 30, China - 24 in Japan - 16 in the European part of the USSR (Crimea) - 37 Caucasus - 49 [6]; in Russia - 79 [3]; in Ukraine - 75 species [10].

The purpose of research - to establish the species and varietal diversity of the genus *Veronica* (*Veronica*) and its distribution on the territory of Kyiv and Kyiv region.

Materials and methods research. The study was conducted during 2011-2013. The objects of study were the types and varieties of the genus *Veronica* in the city. Kyiv and Kyiv region.

According to the literature found the natural habitat of species of *Veronica* in the world, m. Kyiv and Kyiv region. A comparative assessment of the species composition of the genus. The data on the origin and modern systematic position of the genus *Veronica*.

Research indigenous species and varietal diversity actual kind of *Veronica* in the city. Kyiv and Kyiv region conducted by route survey.

Assortment of exotic species of *Veronica* determined to collection sites of botanical gardens. Kyiv: National Botanic Garden of them. MM Grishko National Academy of Sciences of Ukraine; Botanical garden named after O. Fomin Kiev National University. TH Shevchenko, Ukraine NUBiP Botanical Gardens, Arboretum Syretska.

Conclusions

1. At the m. Kyiv and Kyiv region there are 24 indigenous species of *Veronica* (*Veronica* L.), which is about 8% of the total number of species of the genus.

2. The collection of botanical gardens. Kyiv found 12 species of the genus: *Veronica chamaedrys* (*V. chamaedrys* L.), *Veronica tyrlychna* (*V. gentianoides* Vahl),

Veronica gray (*V. incana* L.), Veronica longifolia (*V. longifolia* L.) Veronica officinalis L. (*V. officinalis* L.), Veronica samosylovydna (*V. teucrium* L.), Veronica Armenian (*V. armena* Boiss. & A.Huet), Veronica early (*V. praecox* All.), spiked speedwell (*V. spicata* L.), Veronica Crimea (*V. taurica* Mill.), Veronica double (*V. polita* Fr.), Veronica pluscholyta (*V. hederifolia* L.), which is about 4% of the total number of species of the genus.

3. Types of genus Veronica in the range of garden centers and nurseries are ornamental varieties Veronica spiked (*V. spicata*), longifolia (*V. longifolia*) and sessile (*V. rostrata*). Varietal diversity of the genus is represented only 1-1.5% of the global range of varieties. Its advisable to increase considerably with the purpose of introduction and widespread use of the test in ornamental horticulture under steppes of Ukraine, as most varieties of species of Veronica global breeding a high level of decoration, winter hardiness and drought resistance.

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