

INTRODUCTION OF PERENNIAL ORNAMENTAL PLANTS ON THE NORTH

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By the method of generic complexes F. N. Rusanova in the Botanical Garden of the Institute of Biology of the Komi Science Center of the UrB RAS, collections of 11 generic complexes are collected: 5 genera of bulbous (*Allium* L., *Hyacinthus* L., *Lilium* L., *Narcissus* L., *Tulipa* L.) and 6 genera of rhizomes (*Astilbe* Buch.-Ham. ex D. Don, *Iris* L., *Hemerocallis* L., *Paeonia* L., *Phlox* L. and *Primula* L.) flowering perennials. The introduction of species and varieties of flowering perennials was carried out mainly by obtaining planting material of new varieties and plant species during expeditions to different botanical gardens in Russia and Belarus. The seed material of new plant samples was obtained by exchanging them with other botanical gardens, Russian and fexterior, according to the Delectus seminum. Introductory studies have shown that representatives of two generic complexes of bulbous plants are weakly adapted to the conditions of the middle taiga subzone of the Komi Republic according to indications of winter hardiness: *Tulipa* – Tulip and *Hyacinthus* – Hyacinth. For the remaining studied generic complexes of introducents, the composition of collections in different years also changed, but less significantly. Successfully adapted in the North are *Allium*, *Astilbe*, *Hemerocallis*, *Phlox*.

Key words: introduction, the method of generic complexes F. N. Rusanova, collection, perennial ornamental plants, winter resistance, *Tulipa*, *Hyacinthus*.

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