

**INTRODUCTION OF NORTH-AMERICAN WOODY PLANTS
AT THE BOTANICAL GARDEN OF THE INSTITUTE OF BIOLOGY**

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SUMMARY

The work presents the results of long-term observation on 85 taxa of North-American woody plants introduced at the Botanical Garden of the Komi SC UrD RAS. As a rule, the plants have late vegetation and early shoot growth terms and so have enough time to get lignified shoots and prepare for winter. The winter-resistance rate of plants depends on their seasonal development rhythm and region of origin. A half of species entered the generative development phase. For land scaping in the Komi Republic, 13 new plant species were chosen.

Key words: introduction, North-American species, phenological groups, development rhythm, winter-resistance.