LANDSCAPE AND INTERIOR PHYTODESIGN OF MODERN ARCHITECTURAL AMBIENCE

Description
Ornamental wood and herbaceous plants for landscape and interior phytodesign are suggested on the basis of the unique gene pool of the Central Siberian Botanical Garden. The assortment is mainly represented by plants of a wide ecological amplitude not limited by local climatic conditions. Representatives of different life forms – trees, shrubs, and lianas – can create a unique appearance of gardens and parks offering nice compositions for all seasons. High-ornamental and resistant herbaceous perennials are indispensable for mixborders used in different microecological conditions. Dynamic growing of plants in containers provides opportunities to make up changeable high-ornamental collections to be used as decoration at exhibitions, presentations, and various ceremonies, or exotic tropical and subtropical interior plants to be exposed outdoors in summer time. These collections can be also composed of natural Siberian plants (e.g., the unique collection "bonsai").

Landscape and interior design examples

Technical appraisal and economic benefits
The suggested approach provides numerous possibilities for combining such parameters as colors, features of plant habitus, and the decoration period.
Application areas
Landscape gardening and design. Special complexes developed for winter gardens, living quarters, offices, hospitals, and children’s institutions.

Development stage
Initial stage of production.

Patent situation
9 inventor's certificates of the Russian Federation for the ornamental plants selected by the Central Siberian Botanical Garden.

Commercial offers
• Production and supply contracts;
• Test operations;
• Joint production;
• Marketing agreement.

Estimated cost
The cost of landscape gardening and interior design is 30-80% of the cost of introduced wood and grass species.
Costs per unit:
Wood species – 1-20 US$;
Grass species – 0.5-3 US$;
Interior species – 0.5-50 US$.

Contacts
Evgeniy V. Banayev, Cand. Sc., Deputy Director
Central Siberian Botanical Garden, Siberian Branch of the Russian Academy of Sciences
101, Zolotodolinskaya St., Novosibirsk, 630090, Russia
Phone: (383) 339-54-02
Fax: (383) 330-19-86
E-mail: banaev@csbg.nsc.ru