

PAEONY COLLECTION IN THE PRAGUE BOTANICAL GARDEN (COMMUNICATION)

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Paeony collection in the Prague Botanical Garden has been established in 1996. Reason for its establishment has been effort to acquaint visitors with original species of peonies and characteristically species of all crossbreed groups of both woody and herbal peonies. (Sekerka 2004).

Plants have been obtained in particular by purchasing and exchange (Tab. 1). Thanks to cooperation with Beijing Botanical Garden we have succeeded collection of China hybrids of woody peonies. Cooperation with Beijing Botanical Garden has been supported by grant “Kontakt M619” of the Ministry of Education of the Czech Republic Wang, Lianying 1998.

Some botanical species of peonies originated from expeditional collections to Turkey, China and Greece.

P. cambessedesii and *P. tenuifolia*, which are part of this collection, belong to critically endangered species of the European flora. *P. wittmanniana* s.l. belongs to endangered species of Caucasus.

Over the course of years plants have been planted out on habitat currently called “The Paeony Meadow” located in silvicultural hinterland of the botanical garden. Outplanting are open up for public periodically only at flowering of plants (Tab. 2).

REFERENCES

- Sekerka P. 2004. Pivoňky. Grada Publishing, a.s. Praha.
Wang, Lianying et al. 1998. Chinese Tree Paeony. Beijing: China Forestry Publication House.

Table 1. Number of species and cultivars of separate groups of peonies grown in the Prague Botanical Garden

Botanical species of peonies	30
Hybrids of woody peonies partition Mountain	150
Hybrids of woody peonies partition Delavayi	2
Lemoine's hybrids of woody peonies	11
Intersectional hybrids	13
Cultivars of <i>P. officinalis</i>	4
Cultivars of <i>P. lactiflora</i>	159
Interspecific hybrids of herbal peonies	12

Table 2. List of paeony species cultivated in the Prague Botanical Garden

Section Mountain <i>P. suffruticosa</i> <i>P. ostii</i> <i>P. rockii</i> <i>P. delavayi</i> s.l. <i>P. ludlowii</i>
Section Onaepia <i>P. brownii</i>
Section Paeon, Group Tenuifolia <i>P. biebersteiniana</i> <i>P. lithophila</i> <i>P. tenuifolia</i>
Group Peregrina <i>P. peregrina</i>
Group Anomala <i>P. anomala</i> <i>P. intermedia</i> <i>P. veitchii</i> var. <i>woodwardii</i>
Group Flavonia <i>P. mlokosewitschi</i> <i>P. wittmanniana</i> <i>P. x lagodechiana</i> <i>P. x chameleon</i>

Group Lactiflora

P. emodii

P. lactiflora

P. lactiflora var. *trichocarpa*

Group Obovata

P. obovata

P. obovata subsp. *willmottiae*

P. japonica

Group Officinalis

P. clusii

P. officinalis

P. officinalis subsp. *villosa*

Group Masculina

P. broteri

P. cambessedesii

P. caucasica

P. coriacea

P. dahurica

P. masculina

P. masculina

P. russi