



INSTITUTE OF BOTANY CAS

Index Seminum

51/2015

Institute of Botany

The Czech Academy of Sciences

CZ-252 43 Průhonice

Index Seminum represents the list of seeds offered for exchange to Botanical Gardens and Institutes.

Průhonice is a village located on the south-eastern edge of the city of Prague. Motorway D1 linking Prague and Brno passes nearby. It takes only about 10 to 15 minutes by car to reach Průhonice from the centre of Prague.

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Seeds collected in the Průhonice Park - Czech Republic

L. Hrdinka

Location of the Průhonice park

Latitude: N 49° 58' 43" – 50° 00' 06"

Longitude: E 14° 32' 16" – 14° 34' 26"

Altitude: 281 - 342 m

Area: 244 hectares (2.44 km²)

Mean annual precipitation: 503.1 mm (1994–2008)

Mean annual temperature: 9.2 °C (1994–2008)

(Temperature and precipitation data were kindly provided by Dendrological garden of the Silva Tarouca Institute of Landscape and Ornamental Gardening in Průhonice)

1. *Acaena buchananii* HOOK. f.
2. *Alyssum graecum* KUNTZE
3. *Anemone sylvestris* L.
4. *Antennaria dioica* (L.) GAERTN. 'Roy Davidson'
5. *Antennaria plantaginifolia* HOOK.
6. *Anthyllis vulneraria* L. 'Coccinea'
7. *Arabis caucasica* WILLD.
8. *Armeria maritima* (MILL.) WILLD. 'Alba'
9. *Asphodeline lutea* RCHB.
10. *Aster alpinus* L.
11. *Aster alpinus* L. 'Dunkle Schöne'
12. *Aster alpinus* L. 'Happy End'
13. *Aster alpinus* L. var. *dolomiticus*

14. *Aster amellus* L.
15. *Baptisia australis* (L.) R.BR.
16. *Bupthalmum salicifolium* L. 'Alpengold'
17. *Campanula alliariifolia* WILLD.
18. *Carex greyi* J. CAREY
19. *Crocus heuffelianus* HERB.
20. *Dianthus deltoides* L. 'Albus'
21. *Digitalis grandiflora* MILL.
22. *Digitalis lutea* L.
23. *Echinacea purpurea* (L.) MOENCH
24. *Echinops ritro* L.
25. *Erigeron compositus* PURSH
26. *Festuca glauca* VILL.
27. *Festuca scoparia* HOOK. f.
28. *Fritillaria meleagris* L.
29. *Gentiana acaulis* L.
30. *Gentiana asclepiadea* L.
31. *Gentiana cruciata* L.
32. *Gentiana lutea* L.
33. *Geum hybr.* 'Mrs Bradshaw'
34. *Glaucium flavum* CRANTZ
35. *Globularia bisnagarica* L.
36. *Helianthemum grandiflorum* SCOP. DC.
37. *Heliopsis helianthoides* SWEET
38. *Heliosperma alpestre* RCHB.
39. *Helleborus* × *sternii* TURRILL
40. *Hieracium villosum* JACQ.
41. *Horminum pyrenaicum* L.
42. *Hyacithoides hispanica* (MILL.) ROTHM.
43. *Inula ensifolia* L.
44. *Koeleria glauca* (Schrader) DC.
45. *Lavandula angustifolia* MILL.
46. *Liatris spicata* (L.) WILLD.
47. *Lunaria rediviva* L.
48. *Lychnis viscaria* L.

49. *Lysimachia punctata* L.
50. *Marrubium vulgare* L.
51. *Meconopsis cambrica* VIG.
52. *Monarda fistulosa* L.
53. *Origanum laevigatum* BOISS. 'Rosenkuppel'
54. *Papaver nudicaule* L.
55. *Papaver orientale* L.
56. *Penstemon digitalis* NUTT. ex SIMS
57. *Phlomis russeliana* LAGS. ex BENTH.
58. *Physalis alkekengi* L.
59. *Primula florindae* KINGDON-WARD
60. *Pulsatilla vulgaris* MILL. 'Rubra'
61. *Pyrethrum corymbosum* (L.) SCOP.
62. *Ruta graveolens* L.
63. *Senecio abrotanifolius* L.
64. *Tellima grandiflora* (PURSH) DOUGLAS ex LINDL.
65. *Teucrium hircanicum* L.
66. *Veratrum nigrum* L.
67. *Vernonia noveboracensis* (L.) WILLD.
68. *Veronica gentianoides* VAHL.
69. *Veronicastrum virginicum* (L.) FARW. 'Diana'

II. Seeds collected in the Třeboň aquatic and marsh plants collection – Czech Republic

J. Navrátilová, K. Dvořáková, L. Adamec

Location of the Třeboň macrophytes collection:

Latitude: N 49° 00'

Longitude: E 14° 46'

Altitude: 433 m

Area: 0.3 ha

Mean annual precipitation: 627 mm (1901–1950)

Mean annual temperature: 7.8 °C (1901–1950)

70. *Batrachium circinatum* (SIBTH.) SPACH
71. *Batrachium trichophyllum* (CHAIX) VAN DEN BOSCH
72. *Hydrocharis morsus-ranae* L.

73. *Luronium natans* (L.) RAFIN.
74. *Myriophyllum spicatum* L.
75. *Nuphar lutea* (L.) SM.
76. *Nuphar pumila* (TIMM) DC.
77. *Nuphar* × *spenneriana* GAUDIN
78. *Nymphaea alba* L.
79. *Nymphaea candida* J. PRESL
80. *Potamogeton acutifolius* LINK.
81. *Potamogeton berchtoldii* FIEBER
82. *Potamogeton coloratus* HORNEM.
83. *Potamogeton crispus* L.
84. *Potamogeton lucens* L.
85. *Potamogeton natans* L.
86. *Potamogeton nodosus* POIRET
87. *Potamogeton obtusifolius* MERT. et KOCH
88. *Potamogeton pectinatus* L.
89. *Potamogeton perfoliatus* L.
90. *Potamogeton polygonifolius* POURR.
91. *Potamogeton praelongus* WULFEN
92. *Potamogeton trichoides* WULFEN
93. *Sparganium natans* L.
94. *Zannichellia palustris* L.

Ordering of the seeds

The seed is the result of open pollination. We cannot guarantee either its purity or germination. You can order the seed by e-mail lenka.moravcova@ibot.cas.cz or by mail on the enclosed order form which should be sent before March 15th 2016. Please, do not order more than 20 packages.

Please note:

Agreement on the exchange of plant material¹ in botanic gardens/ botanic collections for non-commercial use

Since the Convention on Biological Diversity of 1992 (CBD) entered into force, it has become necessary for botanical gardens to comply in particular with Article 15 (Access to genetic resources), especially in connection with the exchange of plant material.

The garden is dedicated to the conservation, sustainable use and research of biological diversity. With regard to the acquisition, maintenance and supply of plant material, the garden therefore expects its partners to act in a manner that is consistent to the letter and the spirit of Biodiversity Convention, the Convention on International Trade in Endangered Species (CITES) and in compliance with all relevant

laws relating to the conservation of biological diversity, access to genetic resources, associated knowledge and benefit-sharing.

Consequently, only those persons and institutions who accept the following conditions will receive plant material from garden's collection:

1. On the basis of agreement, the material is intended to serve for non-commercial purposes like scientific study, education and the interests of environmental protection. If the recipient intends to commercialise the material or if he intends to supply the material for commercial purposes, he has to obtain the Prior Informed Consent of the country of origin and to agree the terms and conditions of benefit sharing. In this context, the garden shall expressly indicate that, in the event of commercial use, the user is responsible for ensuring that there is suitable and equitable share of benefit.
2. Upon accepting plant material from the garden, the recipient is obliged to document in a comprehensible manner the information relating to the origin of the material (country of origin, first recipient garden, donor of the material, date of collecting in the wild) as well as the terms and conditions, under which the material has been acquired.
3. In the case that scientific publications on the plant material provided are produced, the origin of the material is to be cited. In addition, these publications are expected to be send to the garden automatically, without request.
4. The garden will forward information on the material supply on request to the authority instructed with the implementation of the CBD².
5. The recipient may only supply plant material on the basis and under the conditions of this agreement and has to document the supply (list of transferred plants, recipient) in a comprehensible manner.

I accept the above conditions.

Date, Signature

Recipient's name, address and stamp

¹ *Botanic Gardens normally exchange living plant material (living plants or part of plants, spores, diaspores). Since this Code of Conduct has been developed by Botanic Gardens in this context the term „ living plant material“ is used. Nevertheless, the living material from Botanic Gardens is usable as genetic resources as defined in the CBD.*



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