



**Botanikos
sodas**

HORTUS BOTANICUS UNIVERSITATIS VILNENSIS
Vilnius University Botanical Garden
Lithuania

Index seminum 2021

Seed list (Nr. 30)



Pseudomuscari azureum (Fenzl) Garbari & Greuter

Vilnius University Botanical Garden

Kairėnų – 43, LT – 10239, VILNIUS – 40
LITHUANIA

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index.seminum@bs.vu.lt,
www.botanikos-sodas.vu.lt

The History of the Botanical Garden

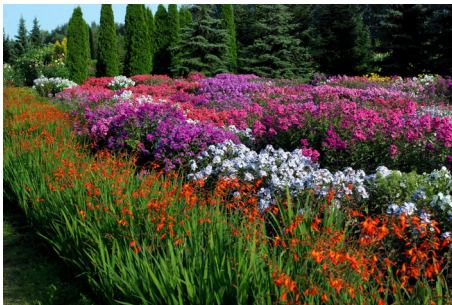
Vilnius University Botanical Garden was founded in 1781. Since then historical circumstances has led to Botanical Garden being moved 4 times from one location to another. Today the Garden resides in two areas, Vingis Park and Kairėnai Estates, and is not only the largest in Lithuania (with combined total area of 199 hectares) but also have the most numerous collections of plants. There are growing about 10,1000 taxa, belonging to 220 families and 1124 genera. Largest and most impressive collections are those of rhododendrons, lilacs, lianas, peonies, dahlias and conifers.



Botanical Garden in Kairėnai



Vingis Department of Vilnius University Botanical Garden



Site details

Date of foundation: 1781

Gardens area: 191.5 ha in Kairėnai

7.35 ha of Vingis Department

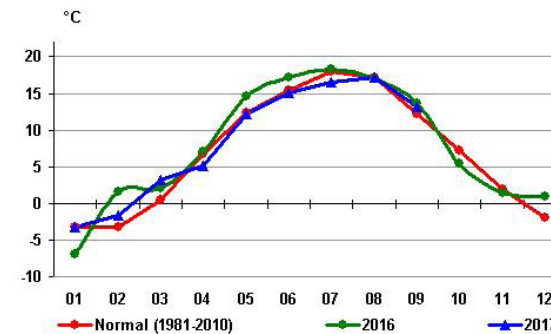
Geographical and climate data

Latitude: N 54°44'08,51"

Longitude E25°24'04,70"



Mean air temperature in Lithuania during 1981–2010, 2016 ir 2017 (<http://www.meteo.lt>):



NOTICE

The Vilnius University Botanic Gardens has adopted a policy on supplying seeds to the scientific and horticultural community following the International Convention on Biological Diversity (Rio de Janeiro 1992) and The Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity (2010). In consideration of the Convention, the Vilnius University Botanic Gardens gives plant material only to those who use it according to the Convention. Seeds from this catalogue are distributed only under the following conditions:

- the plant material is used only for common good, especially for scientific research, education, species conservation and the development of recognized plant collections;

- if the purchased material is used commercially written permission must be obtained from the Vilnius University Botanic Gardens. We consider commercialization as any economical use of scientific results won by plant material or its derivatives;

- we don't provide Phytosanitary certificates.

Orders received for seeds are taken as acceptance of these conditions.

NOTICE Seeds were collected in 2021 only in wild or semi-wild conditions special for Index seminum exchange.

Staff:

Director: Dr. A. Skridaila

Seed collectors: N. Nasevičienė

Designer: I. Raubaitė

Photographs: G. Jurkevičienė, I. Raubaitė, R. Juodkaitė, V. Guseva

INDEX SEMINUM

Alismataceae

1. *Alisma plantago-aquatica* L.
54°43'55.7"N 25°24'22.0"E, Vilnius

Alliaceae

2. *Allium oleraceum* L.
54°41'50.8"N 23°31'30.3"E, Lazdijai

Asteraceae

3. *Bidens cernua* L.
54°44'05.7"N 25°23'56.0"E, Vilnius
4. *Bidens tripartita* L.
54°43'54.6"N 25°24'19.9"E, Vilnius
5. *Carduus crispus* L.
54°14'31.1"N 23°30'58.8"E, Lazdijai
6. *Carlina vulgaris* L.
54°43'57.4"N 25°23'44.0"E, Vilnius
7. *Centaurea scabiosa* L.
54°14'52.5"N 23°31'36.7"E, Lazdijai
8. *Cichorium intybus* L.
54°14'46.4"N 23°31'11.3"E, Lazdijai
9. *Cirsium vulgare* (Savi) Ten.
54°43'50.5"N 25°23'59.9"E, Vilnius
10. *Erigeron acris* L.
54°41'39.1"N 25°25'18.4"E, Vilnius

11. *Eupatorium cannabinum* L.
54°41'39.1"N 25°25'18.4"E, Vilnius
12. *Helichrysum arenarium* (L.) Moench
54°14'52.8"N 23°31'37.1"E, Lazdijai
13. *Hieracium umbellatum* L.
54°43'55.7"N 25°23'45.2"E, Vilnius
14. *Hypochoeris radicata* L.
54°43'50.8"N 25°24'00.1"E, Vilnius
15. *Galinsoga parviflora* Cav.
54°14'26.6"N 23°30'55.1"E, Lazdijai
16. *Lapsana communis* L.
54°43'37.3"N 25°23'53.5"E, Vilnius
17. *Leontodon autumnalis* L.
54°14'26.8"N 23°30'56.2"E, Lazdijai
18. *Onopordum acanthium* L.
54°41'35.1"N 25°24'45.8"E, Vilnius
19. *Solidago virgaurea* L.
54°43'57.7"N 25°23'40.8"E, Vilnius
20. *Tragopogon pratensis* L.
54°41'38.9"N 25°25'04.0"E, Vilnius

Apiaceae

21. *Archangelica officinalis* (Moench) Hoffm.
54°41'39.2"N 25°25'18.4"E, Vilnius

22. *Anthriscus sylvestris* (L.) Hoffm.
54°41'38.9"N 25°25'18.4"E, Vilnius
23. *Carum carvi* L.
54°14'26.9"N 23°30'55.1"E, Lazdijai
24. *Daucus carota* L.
54°43'50.8"N 25°24'00.1"E, Vilnius
25. *Torilis japonica* (Houtt.) DC.
54°41'38.9"N 25°25'18.3"E, Vilnius

Boraginaceae

26. *Anchusa officinalis* L.
54°43'56.0"N 25°23'58.4"E, Vilnius
27. *Anchusa officinalis* L.
54°14'51.0"N 23°31'30.8"E, Lazdijai
28. *Echium vulgare* L.
54°43'39.8"N 25°23'37.7"E, Vilnius

Brassicaceae

29. *Capsella bursa-pastoris* (L.) Med.
54°41'35.0"N 25°24'45.7"E, Vilnius
30. *Berteroa incana* (L.) DC.
54°41'36.8"N 25°24'50.9"E, Vilnius
31. *Descurainia sophia* (L.) Webb ex Prantl.
54°41'40.9"N 25°25'15.4"E, Vilnius
32. *Descurainia sophia* (L.) Webb ex Prantl.
54°14'48.7"N 23°31'19.7"E, Lazdijai

33. *Diplotaxis muralis* L.
54°41'41.0"N 25°25'15.1"E, Vilnius

34. *Thlaspi arvense* L.
54°41'35.0"N 25°24'45.7"E, Vilnius

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35. *Saponaria officinalis* L.
54°14'30.9"N 23°30'57.6"E, Lazdijai

36. *Silene pratensis* (Rafn) Godr.
54°14'26.8"N 23°30'55.0"E, Lazdijai

Campanulaceae

37. *Campanula persicifolia* L.
54°43'55.2"N 25°23'45.3"E, Vilnius

38. *Campanula rapunculoides* L.
54°41'28.0"N 25°24'43.3"E, Vilnius

39. *Phyteuma spicatum* L.
54°43'57.1"N 25°23'59.7"E, Vilnius

Caprifoliaceae

40. *Lonicera xylosteum* L.
54°43'55.9"N 25°24'03.6"E, Vilnius

Celastraceae

41. *Euonymus europaeus* L.
54°43'56.0"N 25°24'01.7"E, Vilnius

42. *Euonymus verrucosus* Scop.
54°43'55.7"N 25°24'03.5"E, Vilnius

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43. *Chenopodium glaucum* L.
54°44'08.6"N 25°24'01.7"E Vilnius

44. *Corispermum hybridum* Besser ex Andr.
54°41'30.6"N 25°24'57.2"E, Vilnius

Cyperaceae

45. *Carex hirta* L.
54°43'53.5"N 25°23'58.2"E, Vilnius

46. *Carex leporina* L.
54°43'54.4"N 25°23'58.8"E, Vilnius

47. *Carex pseudocyperus* L.
54°43'53.8"N 25°23'58.7"E, Vilnius

48. *Carex sylvatica* Huds.
54°43'58.4"N 25°24'01.3"E, Vilnius

49. *Carex vesicaria* L.
54°43'54.2"N 25°23'57.6"E, Vilnius

50. *Carex vulpina* L.
54°43'54.5"N 25°23'57.4"E, Vilnius

Convallariaceae

51. *Polygonatum multiflorum* (L.) All.
54°43'56.2"N 25°24'04.3"E, Vilnius

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52. *Convolvulus arvensis* L.
54°14'26.9"N 23°30'55.3"E, Lazdijai

Fabaceae

53. *Anthyllis vulneraria* L.
54°14'54.1"N 23°31'41.1"E, Lazdijai
54. *Anthyllis vulneraria* L.
54°43'53.1"N 25°24'02.4"E, Vilnius
55. *Anthyllis vulneraria* L.
54°43'37.8"N 25°23'56.3"E, Vilnius
56. *Astragalus glycyphyllos* L.
54°14'07.5"N 23°31'10.9"E, Lazdijai
57. *Lathyrus sylvestris* L.
54°14'52.8"N 23°31'37.7"E, Lazdijai
58. *Lathyrus vernus* (L.) Bernh.
54°44'03.8"N 25°23'59.9"E, Vilnius
59. *Lotus corniculatus* L.
54°43'54.5"N 25°23'57.4"E, Vilnius
60. *Medicago lupulina* L.
54°41'41.2"N 25°25'15.1"E, Vilnius
61. *Melilotus albus* Medik.
54°41'18.0"N 25°25'05.0"E, Vilnius
62. *Vicia angustifolia* Reichard.
54°44'05.5"N 25°24'13.1"E, Vilnius
63. *Vicia sepia* L.
54°43'57.7"N 25°24'31.3"E, Vilnius

Hypericaceae

64. *Hypericum perforatum* Crantz
54°44'10.7"N 25°24'05.7"E, Vilnius

Juncaceae

65. *Juncus compressus* Jacq.
54°43'54.0"N 25°23'57.7"E, Vilnius

Lamiaceae

66. *Leonurus cardiaca* L.
54°44'09.9"N 25°24'07.0"E, Vilnius
67. *Prunella vulgaris* L.
54°43'58.6"N 25°23'45.7"E, Vilnius

Lythraceae

68. *Lythrum salicaria* L.
54°44'02.6"N 25°24'27.2"E, Vilnius

Onagraceae

69. *Chamaenerion angustifolium* (L.) Scop.
54°43'59.8"N 25°23'47.4"E, Vilnius
70. *Epilobium hirsutum* L.
54°43'56.0"N 25°23'39.5"E, Vilnius
71. *Oenothera biennis* L.
54°14'46.5"N 23°31'11.2"E, Lazdijai

Orchidaceae

72. *Epipactis helleborine* (L.) Crantz.
54°43'50.1"N 25°24'22.1"E, Vilnius

Papaveraceae

73. *Chelidonium majus* L.
54°41'38.8"N 25°25'00.9"E, Vilnius
74. *Papaver dubium* L.
54°14'49.3"N 23°31'22.2"E, Lazdijai

Plantaginaceae

75. *Plantago lanceolata* L.
54°43'51.0"N 25°23'59.8"E, Vilnius

Poaceae

76. *Anthoxanthum odoratum* L.
54°43'54.1"N 25°24'09.1"E, Vilnius
77. *Briza media* L.
54°43'52.0"N 25°23'58.1"E, Vilnius
78. *Festuca gigantea* (L.) Vill.
54°43'56.9"N 25°24'05.7"E, Vilnius
79. *Festuca ovina* L.
54°41'37.6"N 25°25'27.5"E, Vilnius
80. *Milium effusum* L.
54°43'57.8"N 25°23'59.4"E, Vilnius
81. *Setaria viridis* (L.) P. Beauv.
54°14'44.4"N 23°30'54.6"E, Lazdijai

Polygalaceae

82. *Polygala vulgaris* L.
54°43'54.3"N 25°24'07.9"E, Vilnius
83. *Fallopia convolvulus* (L.) Á.Löve
54°43'59.3"N 25°24'22.3"E, Vilnius
84. *Rumex aquaticus* L.
54°41'35.8"N 25°25'14.4"E, Vilnius
85. *Rumex crispus* L.
54°43'49.3"N 25°23'36.1"E, Vilnius

Primulaceae

86. *Lysimachia vulgaris* L.
54°43'58.1"N 25°23'42.9"E, Vilnius
87. *Primula veris* L.
54°44'03.4"N 25°23'59.8"E, Vilnius

Ranunculaceae

88. *Actaea spicata* L.
54°43'56.8"N 25°23'59.0"E, Vilnius
89. *Consolida regalis* Gray.
54°14'50.3"N 23°31'24.8"E, Lazdijai
90. *Thalictrum minus* L.
54°41'35.8"N 25°24'33.8"E, Vilnius

Rosaceae

91. *Agrimonia eupatoria* L.
54°43'58.8"N 25°23'47.6"E, Vilnius
92. *Filipendula ulmaria* L.
54°44'03.3"N 25°24'14.3"E, Vilnius
93. *Geum urbanum* L.
54°41'39.7"N 25°25'16.7"E, Vilnius

Scrophulariaceae

94. *Scrophularia nodosa* L.
54°41'38.5"N 25°25'18.0"E, Vilnius
95. *Verbascum nigrum* L.
54°41'38.9"N 25°25'18.3"E, Vilnius

Solanaceae

96. *Solanum dulcamara* L.
54°44'07.4"N 25°24'03.5"E, Vilnius

Trilliaceae

97. *Paris quadrifolia* L.
54°43'55.8"N 25°24'04.8"E, Vilnius

Urticaceae

98. *Lamium album* L.
54°41'38.8"N 25°25'17.8"E, Vilnius



Gentiana clausa



Helianthella quinquenervis



Allium sphaerocephalon



Brimeura amethystina 'Alba'



Globularia nudicaulis subsp. *nudicaulis*



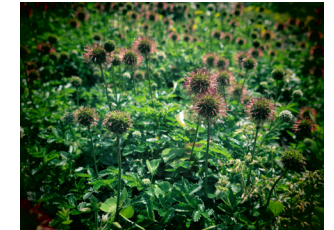
Colchicum sobolifera



Prunella grandiflora



Santolina rosmarinifolia



Acaena novae-zelandiae



Pulicaria dysenterica



Dryas drummondii



Anthemis tinctoria



Bistorta affinis



Penstemon hirsutus



Leopoldia comosa

Agreement of the supply of plant material¹

According to the provisions and decisions of the Convention on Biological Diversity of 1992 [CBD] and of the Regulation [EU] No 511/2014 of the European Parliament and the council of 16 April 2014, on compliance measures for users from the Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization in the Union, the Vilnius University Botanical Garden is promoting the conservation, sustainable use, and research of biological diversity. The garden therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD, the Nagoya Protocol and the Convention on the International Trade in Endangered Species [CITES]. The responsibility for legal handling of the plant material passes on to the recipient upon receipt of the material. The requested plant material will be supplied to the recipient only on the following conditions:

1. Based on this agreement, the plant material is supplied only for non commercial use such as scientific study and educational purposes as well as environmental protection. Should the recipient at a later date intend a commercial use or a transfer for commercial use, the country of origin's (the primary "donor" of material) prior informed consent (PIC) must be obtained in writing before the material is used or transferred. The recipient is responsible for ensuring an equitable sharing of benefits with the country of material origin or the primary "donor" 2.
2. On receiving the plant material, the recipient endeavors to document the received plant material, its origin (country of origin, first receiving garden, "donor" of the plant material, year of introduction) as well as the acquisition and transfer conditions in a comprehensible manner.
3. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate the origin of the material (the supplying garden and if known the country of origin or primary donor) and to send these publications to the garden and to the country of origin (primary "donor") without request.
4. On request, the garden will forward relevant information on the transfer of the plant material to the body charged with implementing the CBD3.
5. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner.

1

According to the CBD "genetic resources" means genetic material of actual or potential value. This definition covers both living and non-living material.

2

The country of material origin or the primary "donor" of the material provided by Vilnius University Botanical Garden is possible to identify using accession number of specimen (indicated on the Seed List) and information available on-line <http://botsodas.lt/indexplantarum/index/lang/en>.

3

Ideally, the national focal point in the garden's home country

I accept these conditions.

Date & Signature Recipient's name, address, stamp



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DESIDERATA 2021

Your address:

Attention:

- * Please limit your order to 25 samples (use serial (left side) numbers).
- * Please return your request before 16 of MARCH 2022.
