



**Botanikos
sodas**

HORTUS BOTANICUS UNIVERSITATIS VILNENSIS
Vilnius University Botanical Garden
Lithuania

Index seminum 2022

Seed list (Nr. 31)



Pseudomuscari azureum (Fenzl) Garbari & Greuter

Vilnius University Botanical Garden

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

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The History of the Botanical Garden

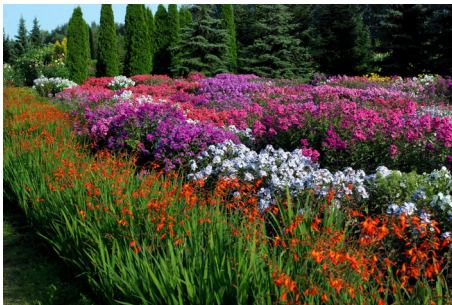
Vilnius University Botanical Garden was founded in 1781. Since then historical circumstances has led to Botanical Garden being moved 4 times from one location to another. Today the Garden resides in two areas, Vingis Park and Kairėnai Estates, and is not only the largest in Lithuania (with combined total 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

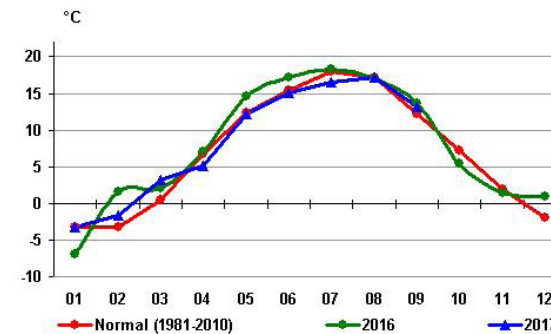
Geographical and climate data

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 2022 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, 2022

Alismataceae

1. *Alisma plantago-aquatica* L.
54°44'06.9"N 25°24'14.2"E, Vilnius

Amaranthaceae

2. *Amaranthus retroflexus* L.
54°14'26.7"N 23°30'55.4"E, Lazdijai

Apiodea

3. *Aegopodium podagraria* L.
54°43'49.3"N 25°23'57.9"E, Vilnius
4. *Angelica archangelica* L.
54°41'39.2"N 25°25'18.6"E, Vilnius
5. *Anthriscus sylvestris* (L.) Hoffm
54°44'01.0"N 25°24'11.4"E, Vilnius
6. *Carum carvi* L.
54°14'26.7"N 23°30'55.4"E, Lazdijai
7. *Chaerophyllum aromaticum* L.
54°43'59.5"N 25°23'47.7"E, Vilnius
8. *Cicuta virosa* L.
54°44'07.0"N 25°24'14.5"E, Vilnius
9. *Daucus carota* L.
54°43'54.7"N 25°23'59.1"E, Vilnius
10. *Heracleum sphondylium* subsp. *glabrum* (Huth) Holub
54°43'48.6"N 25°24'00.1"E, Vilnius
11. *Oreoselinum nigrum* Delarbre
54°44'10.6"N 25°24'04.9"E, Vilnius

12. *Pastinaca sativa* (L.) Moench
54°41'37.4"N 25°25'01.1"E, Vilnius

13. *Pimpinella saxifraga* L.
54°43'46.2"N 25°24'01.2"E, Vilnius

14. *Torilis japonica* (Houtt.) DC.
54°41'39.6"N 25°25'16.8"E, Vilnius

Asparagaceae

15. *Polygonatum multiflorum* (L.) All.
54°43'57.0"N 25°24'01.2"E, Vilnius

Asteraceae

16. *Anthemis tinctoria* L.
54°43'46.2"N 25°24'01.2"E, Vilnius

17. *Centaurea jacea* L.
54°45'08.9"N 25°16'13.0"E, Vilnius

18. *Centaurea scabiosa* L.
54°43'48.0"N 25°24'00.8"E, Vilnius

19. *Cirsium vulgare* (Savi) Ten.
54°43'54.7"N 25°23'51.1"E, Vilnius

20. *Tragopogon pratensis* L.
54°43'41.3"N 25°24'01.2"E, Vilnius

21. *Leontodon hispidus* L.
54°43'43.9"N 25°24'00.2"E, Vilnius

22. *Leucanthemum vulgare* Lam.
54°43'45.3"N 25°24'00.3"E, Vilnius

23. *Picris hieracioides* L.
54°14'27.6"N 23°30'58.5"E, Lazdijai

24. *Pilosella officinarum* Vaill.
54°43'53.9"N 25°24'02.1"E, Vilnius

25. *Tragopogon pratensis* L.
54°43'46.6"N 25°24'01.4"E, Vilnius

Betulaceae

26. *Betula pendula* Roth
54°45'09.3"N 25°16'13.5"E, Vilnius

Boraginaceae

27. *Echium vulgare* L.
54°43'47.1"N 25°24'00.8"E, Vilnius

Brassicaceae

28. *Alliaria petiolata* (M.Bieb.) Cavara & Grande
54°41'33.2"N 25°25'03.3"E, Vilnius

29. *Bunias orientalis* L.
54°41'38.0"N 25°25'01.0"E, Vilnius

30. *Erysimum cheiranthoides* L.
54°41'35.7"N 25°25'09.9"E, Vilnius

31. *Thlaspi arvense* L.
54°43'53.8"N 25°24'22.8"E, Vilnius

32. *Turritis glabra* L.
54°14'47.7"N 23°31'15.5"E, Lazdijai

Campanulaceae

33. *Campanula patula* L.
54°43'46.9"N 25°24'01.4"E, Vilnius

34. *Campanula rapunculoides* L.
54°43'49.7"N 25°24'01.5"E, Vilnius

35. *Phyteuma spicatum* L.
54°43'57.4"N 25°24'00.5"E

Caprifoliaceae

36. *Knautia arvensis* Coult.
54°43'46.3"N 25°23'59.5"E, Vilnius

37. *Lonicera xylosteum* L.
54°43'56.9"N 25°23'54.8"E, Vilnius

Carryophyllaceae

38. *Myosoton aquaticum* (L.) Moench
54°44'09.1"N 25°23'59.9"E, Vilnius

39. *Saponaria officinalis* L.
54°14'31.0"N 23°30'57.6"E, Lazdijai

40. *Silene flos-cuculi* (L.) Greuter & Burdet
54°43'56.2"N 25°24'22.2"E, Vilnius

41. *Silene latifolia* subsp. *alba* (Mill.) Greuter & Burdet
54°14'47.9"N 23°31'15.5"E, Lazdijai

42. *Silene vulgaris* (Moench) Garcke
54°43'46.6"N 25°24'02.1"E, Vilnius

43. *Stellaria graminea* L.
54°14'26.5"N 23°30'55.8"E, Lazdijai

Celastraceae

44. *Euonymus europaeus* L.
54°45'06.5"N 25°16'29.4"E, Vilnius

45. *Euonymus verrucosus* Scop.
54°43'56.0"N 25°24'02.2"E, Vilnius

Cichorioideaea

46. *Lapsana communis* L.
54°14'47.9"N 23°31'15.5"E, Lazdijai

Cyperaceae

47. *Carex ampullacea* Gooden.
54°43'54.6"N 25°23'57.2"E, Vilnius

48. *Carex flava* L.
54°43'53.8"N 25°23'57.6"E, Vilnius

49. *Carex leporina* L.
54°44'00.6"N 25°24'27.8"E, Vilnius

50. *Carex pseudocyperus* L.
54°43'53.5"N 25°23'58.1"E, Vilnius

51. *Carex sylvatica* L.
54°43'57.7"N 25°23'59.0"E, Vilnius

52. *Carex vulpina* L.
54°43'54.4"N 25°23'57.4"E, Vilnius

53. *Eleocharis palustris* (L.) Roem. & Schult.
54°43'53.5"N 25°23'58.1"E, Vilnius

54. *Schoenoplectus lacustris* (L.) Palla
54°44'08.4"N 25°24'03.1"E, Vilnius

Fabaceae

55. *Anthyllis vulneraria* L.
54°14'52.5"N 23°31'36.4"E, Lazdijai

56. *Anthyllis vulneraria* L.
54°43'53.0"N 25°24'01.9"E, Vilnius

57. *Astragalus glycyphyllos* L.
54°14'27.7"N 23°30'58.5"E, Lazdijai

58. *Medicago lupulina* L.
54°41'36.0"N 25°24'49.9"E, Vilnius
59. *Lathyrus pratensis* L.
54°14'52.7"N 23°31'37.1"E, Lazdijai
60. *Lathyrus sylvestris* L.
54°41'41.2"N 25°25'15.1"E, Vilnius
61. *Lathyrus vernus* L.
54°43'57.1"N 25°23'56.9"E, Vilnius
62. *Lotus corniculatus* L.
54°43'57.2"N 25°23'42.7"E, Vilnius
63. *Vicia sepium* L.
54°44'01.4"N 25°24'26.3"E, Vilnius
- Geraniaceae**
64. *Geranium palustre* L.
54°44'02.5"N 25°24'27.1"E, Vilnius
65. *Geranium pratense* L.
54°44'00.2"N 25°24'20.9"E, Vilnius
- Hypericaceae**
66. *Hypericum maculatum* Crantz.
54°43'46.2"N 25°24'01.2"E, Vilnius
- Juncaceae**
67. *Juncus compressus* Jacq.
54°43'58.4"N 25°23'48.7"E, Vilnius
68. *Juncus effusus* L.
54°43'54.3"N 25°23'58.8"E, Vilnius
69. *Juncus inflexus* L.
54°43'53.5"N 25°23'57.8"E, Vilnius

70. *Luzula multiflora* (Ehrh.) Lej.
54°43'46.2"N 25°24'12.5"E, Vilnius

Lamiaceae

71. *Lamium galeobdolon* (L.) L.
54°44'04.4"N 25°23'57.8"E, Vilnius
72. *Lycopus europaeus* L.
54°44'0.9"N 25°24'00.1"E, Vilnius
73. *Prunella vulgaris* L.
54°43'57.5"N 25°23'42.5"E, Vilnius
74. *Stachys palustris* L.
54°44'04.1"N 25°24'12.9"E, Vilnius
75. *Stachys sylvatica* L.
54°43'56.2"N 25°24'19.1"E, Vilnius

Melanthiaceae

76. *Paris quadrifolia* L.
54°43'57.8"N 25°24'00.1"E, Vilnius

Onagraceae

77. *Chamaenerion angustifolium* (L.) Scop.
54°41'39.4"N 25°24'47.8"E, Vilnius

Orobanchaceae

78. *Rhinanthus minor* L.
54°43'46.1"N 25°24'01.6"E, Vilnius

Papevoroideae

79. *Chelidonium majus* L.
54°43'57.9"N 25°23'41.6"E, Vilnius
80. *Papaver dubium* L.
54°14'44.3"N 23°31'11.2"E, Lazdijai

Plantaginaceae

- 81. *Linaria vulgaris* Mill.
54°41'35.0"N 25°25'05.0"E, Vilnius
- 82. *Plantago lanceolata* L.
54°43'53.4"N 25°23'59.7"E, Vilnius
- 83. *Plantago major* L.
54°41'42.1"N 25°24'39.7"E, Vilnius
- 84. *Veronica officinalis* L.
54°44'05.0"N 25°23'51.3"E, Vilnius
- 85. *Veronica spicata* L.
54°44'10.9"N 25°24'04.8"E, Vilnius
- 86. *Veronica teucrium* L.
54°43'45.8"N 25°24'02.3"E, Vilnius

Poaceae

- 87. *Agrostis stolonifera* L.
54°43'55.2"N 25°23'42.8"E, Vilnius
- 88. *Anthoxanthum odoratum* L.
54°43'49.8"N 25°24'25.6"E, Vilnius
- 89. *Briza media* L.
54°43'46.0"N 25°23'59.7"E, Vilnius
- 90. *Bromus hordaceus* L.
54°43'54.9"N 25°24'14.3"E, Vilnius
- 91. *Bromus tectorum* L.
54°41'39.3"N 25°24'58.8"E, Vilnius
- 92. *Calamagrostis epigejos* (L.) Roth
54°43'57.7"N 25°23'40.5"E, Vilnius

- 93. *Cynosurus cristatus* L.
54°43'56.9"N 25°24'11.5"E, Vilnius
- 94. *Dactylis glomerata* L.
54°41'39.0"N 25°25'08.5"E, Vilnius
- 95. *Deschampsia cespitosa* (L.) P. Beauv.
54°43'58.5"N 25°23'49.9"E, Vilnius
- 96. *Festuca arundinaceae* L.
54°14'27.7"N 23°30'56.4"E, Lazdijai
- 97. *Festuca gigantea* (L.) Vill.
54°44'02.0"N 25°24'23.0"E, Vilnius
- 98. *Helictotrichon pubescens* (Huds.) Pilg
54°43'54.4"N 25°24'07.7"E, Vilnius
- 99. *Holcus lanatus* L.
54°43'46.9"N 25°24'00.1"E, Vilnius
- 100. *Melica nutans* L.
54°44'04.7"N 25°23'52.1"E, Vilnius
- 101. *Phleum pratense* L.
54°41'42.1"N 25°24'39.7"E, Vilnius
- 102. *Poa compressa* L.
54°41'39.6"N 25°25'00.3"E, Vilnius
- 103. *Milium effusum* L.
54°43'57.9"N 25°23'55.3"E, Vilnius

Polygonaceae

- 104. *Bistorta major* Gray
54°43'56.1"N 25°24'16.7"E, Vilnius

105. *Rumex crispus* L.
54°43'55.9"N 25°23'39.2"E, Vilnius

Polygalaceae

106. *Polygala vulgaris* L.
54°43'55.1"N 25°23'51.1"E, Vilnius

Primulaceae

107. *Lysimachia vulgaris* L.
54°43'58.0"N 25°23'42.7"E, Vilnius

Ranunculaceae

108. *Actaea spicata* L.
54°43'58.2"N 25°23'58.1"E, Vilnius
109. *Delphinium consolida* subsp. *consolida*
54°14'47.1"N 23°31'15.2"E, Lazdijai
110. *Ranunculus acris* L.
54°14'27.7"N 23°30'56.4"E, Lazdijai
111. *Ranunculus lanuginosus* L.
54°43'58.1"N 25°24'01.6"E, Vilnius
112. *Pulsatilla vulgaris* Mill.
54°14'48.9"N 23°31'15.7"E, Lazdijai

Rhamnaceae

113. *Rhamnus cathartica* L.
54°44'01.9"N 25°23'60.0"E, Vilnius

Rosaceae

114. *Agrimonia pilosa* Ledeb.
54°43'58.9"N 25°23'47.6"E, Vilnius
115. *Geum rivale* L.
54°43'57.0"N 25°24'05.1"E, Vilnius

116. *Geum urbanum* L.
54°41'39.2"N 25°25'08.4"E, Vilnius

Rubiaceae

117. *Galium mollugo* L.
54°43'57.0"N 25°23'37.1"E, Vilnius

Sapindaceae

118. *Acer platanoides* L.
54°43'59.2"N 25°23'50.0"E, Vilnius
119. *Scrophularia nodosa* L.
54°44'06.0"N 25°24'07.0"E, Vilnius
120. *Verbascum nigrum* L.
54°43'59.7"N 25°24'04.7"E, Vilnius
121. *Verbascum thapsus* L.
54°43'46.2"N 25°24'01.2"E, Vilnius

Solanaceae

122. *Solanum dulcamara* L.
54°44'08.9"N 25°24'00.0"E, Vilnius

Viburnaceae

123. *Sambucus racemosa* L.
54°43'57.8"N 25°23'40.9"E, Vilnius

Violaceae

124. *Viola mirabilis* L.
54°43'56.5"N 25°23'56.2"E, Vilnius

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



**Botanikos
sodas**

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DESIDERATA 2022

Your address:

Attention:

- * Please limit your order to 25 samples (use serial (left side) numbers).
- * Please return your request before 16 of MARCH 2023.



Helianthella quinquenervis



Gentiana clausa



Allium sphaerocephalon



Colchicum sobolifera



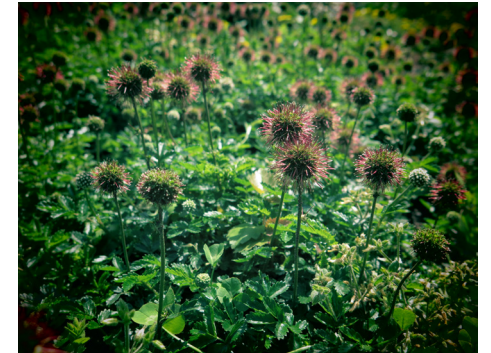
Brimeura amethystina 'Alba'



Globularia nudicaulis subsp. *nudicaulis*



Anthemis tinctoria



Acaena novae-zelandiae



Prunella grandiflora



Santolina rosmarinifolia



Dryas drummondii



Pulicaria dysenterica