



Botanikos
sodas

HORTUS BOTANICUS UNIVERSITATIS VILNENSIS
Vilnius University Botanical Garden
Lithuania

Index seminum 2019

Seed list (Nr. 28)



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



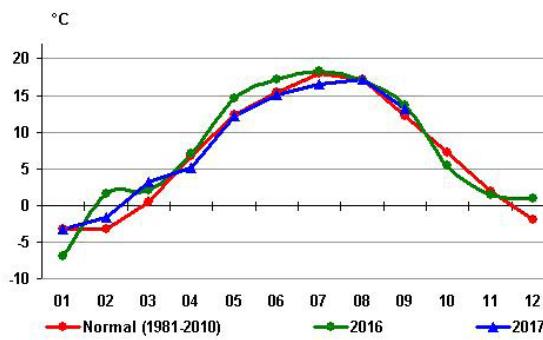
Site details

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 to 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.

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

NOTICE Seeds were collected in 2019 only in wild or semi-wild conditions special for Index seminum exchange

Staff:

Director: Dr. A. Skridaila

Seed collectors: V. Stakelienė

Designer: I. Raubaitė

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

INDEX SEMINUM

Alismataceae

1. *Alisma plantago-aquatica* L.
54°44'07.8"N 25°23'58.4"E Vilnius

Apiaceae

2. *Chaerophyllum aromaticum* L.
54°43'59.0"N 25°24'23.9"E Vilnius
3. *Daucus carota* L.
54°43'56.1"N 25°23'56.3"E Vilnius

Asteraceae

4. *Anthemis tinctoria* L.
54°43'58.7"N 25°24'21.5"E Vilnius
5. *Anthemis arvensis* L.
55°09'20.1"N 26°00'34.9"E Trūdai, Švenčioniai distr.
6. *Artemisia vulgaris* L.
54°44'08.5"N 25°24'01.2"E Vilnius
7. *Carlina vulgaris* L.
54°43'55.8"N 25°23'45.1"E Vilnius
8. *Cichorium intybus* L.
55°09'20.1"N 26°00'34.9"E Trūdai, Švenčioniai distr.
9. *Cirsium arvense* (L.) Scop.
54°44'08.4"N 25°23'59.2"E Vilnius

10. *Cirsium oleraceum* (L.) Scop.
54°44'01.2"N 25°24'26.6"E Vilnius

11. *Pilosella officinarum* F.W.Schultz & Sch.Bip.
54°44'03.2"N 25°24'01.2"E Vilnius

12. *Tanacetum vulgare* L.
55°09'20.1"N 26°00'34.9"E Trūdai, Švenčioniai distr.

13. *Tripleurospermum inodorum* (L.) Sch.Bip.
55°09'20.1"N 26°00'34.9"E Trūdai, Švenčioniai distr.

Betulaceae

14. *Corylus avellana* L.
54°44'04.5"N 25°24'05.5"E Vilnius

Caprifoliaceae

15. *Lonicera xylosteum* L.
54°44'00.6"N 25°23'57.8"E Vilnius

Celastraceae

16. *Euonymus europaeus* L.
54°44'04.5"N 25°24'06.2"E Vilnius

17. *Euonymus verrucosus* Scop.
54°44'00.1"N 25°23'58.0"E Vilnius

Cyperaceae

18. *Carex digitata* L.
54°44'03.7"N 25°23'59.4"E Vilnius

19. *Carex pseudocyperus* L.
54°44'08.4"N 25°23'59.2"E Vilnius

20. *Schoenoplectus lacustris* (L.) Palla
54°44'08.4"N 25°24'02.9"E Vilnius

21. *Scirpus sylvaticus* L.
54°44'08.6"N 25°24'01.7"E Vilnius

Convallariaceae

22. *Convallaria majalis* L.
54°44'02.0"N 25°24'00.0"E Vilnius

23. *Polygonatum multiflorum* (L.) All.
54°43'56.5"N 25°24'02.6"E Vilnius

Crassulaceae

24. *Hylotelephium maximum* (L.) Holub
54°44'10.6"N 25°24'05.5"E Vilnius

Dipsacaceae

25. *Knautia arvensis* Coult.
54°44'09.7"N 25°24'05.1"E Vilnius

Fabaceae

26. *Lathyrus vernus* (L.) Bernh.
54°44'01.0"N 25°23'56.9"E Vilnius

27. *Melilotus albus* Medik.
54°43'58.7"N 25°24'21.6"E Vilnius

28. *Trifolium arvense* L.
55°09'20.1"N 26°00'34.9"E Trūdai, Švenčioniai distr.

29. *Trifolium hybridum* L.
54°43'55.8"N 25°23'45.1"E Vilnius

30. *Trifolium hybridum* L.
55°09'24.2"N 26°00'28.4"E Švenčionėliai
31. *Trifolium montanum* L.
54°44'10.6"N 25°24'05.5"E Vilnius
32. *Vicia cracca* L.
54°44'08.1"N 25°24'04.3"E Vilnius
- Grossulariaceae**
33. *Ribes alpinum* L.
54°44'01.0"N 25°23'56.9"E Vilnius
- Hypericaceae**
34. *Hypericum perforatum* L.
54°44'10.6"N 25°24'05.5"E Vilnius
35. *Hypericum perforatum* L.
54°43'59.3"N 25°24'23.1"E Vilnius
36. *Hypericum perforatum* L.
55°09'20.1"N 26°00'34.9"E Trūdai, Švenčioniai distr.
- Iridaceae**
37. *Iris pseudacorus* L.
54°44'08.4"N 25°24'02.9"E Vilnius
- Lamiaceae**
38. *Leonurus cardiaca* L.
54°44'10.6"N 25°24'05.5"E Vilnius
39. *Thymus serpyllum* L.
54°43'59.3"N 25°24'23.1"E Vilnius

- Melanthiaceae**
40. *Paris quadrifolia* L.
54°43'55.9"N 25°24'04.5"E Vilnius
- Oleaceae**
41. *Fraxinus excelsior* L.
54°44'00.3"N 25°24'21.3"E Vilnius
- Papaveraceae**
42. *Chelidonium majus* L.
54°44'02.8"N 25°23'57.8"E Vilnius
- Pinaceae**
43. *Picea abies* (L.) H.Karst.
54°43'57.5"N 25°24'01.7"E Vilnius
- Plantaginaceae**
44. *Plantago lanceolata* L.
54°44'08.6"N 25°24'01.7"E Vilnius
45. *Plantago major* L.
54°44'08.6"N 25°24'01.6"E Vilnius
46. *Plantago major* L.
55°09'23.3"N 26°00'35.2"E Trūdai, Švenčioniai distr.
- Poaceae**
47. *Dactylis glomerata* L.
54°43'53.1"N 25°24'36.7"E Vilnius
48. *Dactylis glomerata* L.
54°44'11.0"N 25°24'07.4"E Vilnius

49. *Dactylis glomerata* L.
55°09'20.1"N 26°00'34.9"E Trūdai, Švenčioniai distr.
50. *Poa annua* L.
55°09'24.2"N 26°00'28.4"E Švenčionėliai
51. *Poa nemoralis* L.
54°44'03.3"N 25°23'59.9"E Vilnius
- Polygonaceae**
52. *Rumex acetosa* L.
54°44'10.6"N 25°24'05.5"E Vilnius
53. *Rumex acetosa* L.
54°44'08.6"N 25°24'01.6"E Vilnius
54. *Rumex acetosa* L.
54°43'56.2"N 25°24'14.1"E Vilnius
- Primulaceae**
55. *Primula veris* L.
54°43'58.1"N 25°23'58.6"E Vilnius
56. *Primula veris* L.
54°44'10.4"N 25°24'05.6"E Vilnius
- Rhamnaceae**
57. *Rhamnus cathartica* L.
54°44'01.9"N 25°23'60.0"E Vilnius
- Rosaceae**
58. *Crataegus monogyna* Jacq.
54°44'00.2"N 25°23'57.5"E Vilnius
- Sapindaceae**
59. *Acer platanoides* L.
54°44'05.3"N 25°24'05.1"E Vilnius
- Scrophulariaceae**
60. *Veronica teucrium* L.
54°44'09.5"N 25°24'05.6"E Vilnius
- Tiliaceae**
61. *Tilia cordata* Mill.
54°44'00.5"N 25°23'57.5"E Vilnius
- Ulmaceae**
62. *Ulmus glabra* Huds.
54°44'05.0"N 25°24'09.0"E Vilnius
63. *Ulmus laevis* Pall.
54°43'51.7"N 25°24'36.5"E Vilnius
- Violaceae**
64. *Viola collina* Besser
54°43'58.1"N 25°23'58.6"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 CBD.³
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 2019

Your address:

Attention:

- * Please limit your order to 25 samples (use serial (left side) numbers).
- * Please return your request before 16 of MARCH 2020.
