

*HORTUS BOTANICUS UNIVERSITATI VYTAUTI MAGNI, KAUNAS*

**BOTANICAL GARDEN  
OF VYTAUTAS MAGNUS UNIVERSITY, KAUNAS**

*HORTUS BOTANICUS  
UNIVERSITATI VYTAUTI MAGNI, KAUNAS*



**SEED LIST**

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**2019**

BOTANICAL GARDEN OF VYTAUTAS MAGNUS UNIVERSITY, KAUNAS,

*HORTUS BOTANICUS UNIVERSITATI VYTAUTI MAGNI, KAUNAS*

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Director: dr Nerijus Jurkonis

## **HISTORY OF THE BOTANICAL GARDEN**

Botanical Garden was established in 1923 at Lithuanian University (later it was renamed after Vytautas Magnus) as the centre of botanical sciences. Former manor of famous nobleman Juozapas Godlevskis in Aukštoji Freda near Kaunas was chosen as a place for the Garden. Creation of the manor started at the end of the 17th century. The surrounding park was landscaped to adjust the ponds to the form of J and G letters. With only slight changes they have still remained.

Presently, Botanical Garden of VMU occupies the area of 62.5 hectares. Approximately 12859 different plants comprise the collections and expositions.

## **SECTORS OF PLANT COLLECTIONS AND DISPLAYS**

### **Sector of Dendrology**

There are 2204 examples in this sector. In 2011, an extraordinary B. Galdikas oak grove was planted. It is comprised of 50 genetic clones of 31 famous Lithuanian oaks – nature monuments. Park of the Botanical Garden consists of two parts – the old manor park and arboretum. In the old landscape style park plants grow with no clear system. In the arboretum, founded in 1923, the plants are planted and grow in a systematic order according to genera and families.

**Lithuanian rare and endangered plant** exposition was established in 2016. 54 examples of plant species were planted.

**Flora taxonomy** collection-exposition at the present time contains 520 examples.

#### **Sector of Floriculture**

This sector is the biggest in Botanical Garden. There are 8833 cultivated examples:

**Greenhouse** contains 1500 examples (130 families, 400 genus, 1063 species and 103 cultivars). The plants are located according to the geographical and climatic principle. The most interesting of them are cycads, banana, pineapple, coffee-tree, bamboo, date-palm, monkey-puzzle, olive-tree, bo-tree, gum-tree, and many more. Expositions in greenhouse are renewed every four months.

There are 1050 cultivated examples of roses.

There are 978 examples of *Dahlia* (607 cultivars), 545 examples of annual flowers, 92 examples of *Iris*, 641 examples of plants from the *Paeoniaceae*, *Polemoniaceae* and *Saxifragaceae* families. Other perennial flowers collection contains 2739 examples and plants collection of climatic zone 7 contains 106 examples.

#### **Sector of Medicinal, Aromatic Plants and Spices**

At the present time there are 817 cultivated examples of medicinal plants, aromatic plants and spices and 48 examples of *Humulus lupulus*. Collections are planted according to bioactive plant compounds classification. 26 species belong to the category of protected and rare plants.

#### **Sector of Pomology**

Collection contains 539 examples.

**Energetic plants** collection-exposition contains 75 examples.

**Herbarium** contains about 10000 examples.

#### **Sector of Plant Pathology**

Scientists of the sector investigate pathological condition of introduced plants in Lithuania.

**Park of the Botanical Garden** consists of two parts – the old manor park and the arboretum. In the old landscape style park plants grow with no clear system. In the arboretum, founded in 1923, the plants are planted and grown in a systematic order according to the genera and families.

### **GEOGRAPHICAL SITUATION:**

Latitude	54°52'
Longitude	23°54'
Elevation (Altitude)	84 m

#### **In collectionibus seminum partem habuerunt / seed exchange staff:**

Ž. Baškienė, L. Buknienė, I. Lukšytė, O. Ragažinskienė, K. Stankevičienė, J. Šabūnaitė, E. Šeinauskienė

All seeds are collected from open-pollinated plants grown in the botanical garden; hence hybridization is not impossible in collected seeds which have a reduced germination capacity.

**PINOPHYTA**

*CUPRESSACEAE*

1. XX-0-KAUN-19XX-D0330 *Chamaecyparis lawsoniana* (A. Murray) Parl. 'Triomf van Boskoop'  
Unknown origin
2. XX-0-KAUN-1996-D0845 *Juniperus scopulorum* 'Skyrocket'  
Arboretum "Kokaudzētava Baltezers", Riga District, LV, 1996
3. XX-0-KAUN-19XX-D1734 *Thuja occidentalis* L. 'Dumosa'  
Unknown origin
4. XX-0-KAUN-1960-D1763 *Thuja occidentalis* L. 'Globosa'  
Unknown origin, 1960
5. XX-0-KAUN-1982-D1754 *Thuja occidentalis* L. 'Hoveyi'  
Dubrava Arboretum, Kaunas District, Vaišvydava, LT, 2018

*PINACEAE*

6. XX-0-KAUN-1961-D1063 *Picea abies* (L.) H. Karst. 'Fastigiata'  
BG University of Latvia, Riga, LV, 1961
7. XX-0-KAUN-19XX-D1076 *Picea abies* (L.) H. Karst. 'Pendula Aurea'  
Unknown origin
8. XX-0-KAUN-1926-D1083 *Picea abies* (L.) H. Karst. 'Virgata'  
Späth Arboretum of Humboldt University of Berlin, DE, 1926

*TAXACEAE*

9. XX-0-KAUN-1930-D1686 *Taxus baccata* L. 'Elegantissima'  
Späth Arboretum of Humboldt University of Berlin, DE, 1930
10. XX-0-KAUN-19XX-D1692 *Taxus baccata* L. 'Fastigiata'  
Unknown origin
11. XX-0-KAUN-19XX-D1704 *Taxus baccata* L. 'Summergold'  
Unknown origin

**MAGNOLIOPHYTA**

*ACERACEAE*

12. XX-0-KAUN-1950-D0101 *Acer platanoides* L. 'Schwedleri'  
Unknown origin, 1950

*ADOXACEAE*

13. XX-0-KAUN-1990-D1856 *Viburnum lantana* L. 'Aureum'  
Unknown origin, 1990
14. XX-0-KAUN-1966-D1857 *Viburnum lantana* L. 'Variegatum'  
Unknown origin, 1966
15. XX-0-KAUN-19XX-D1871 *Viburnum opulus* L. 'Xanthocarpum'  
Unknown origin

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*AMARYLLIDACEAE*

16. LT-1-KAUN-1995-F0001 *Allium angulosum* L.  
**Spont.:** LT, Varėna District Municipality, Dzūkija National Park, 1995

*APIACEAE*

17. EE-KAUN-2015-F0424 *Conium maculatum* L.  
BG of Tartu University, EE, 2015. **Spont.:** EE, Tartumaa, Tartu Community, Tila, 2014
18. LT-0-KAUN-2017-F0642 *Daucus carota* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai, 2017
19. LT-1-KAUN-2007-O0021 *Eryngium maritimum* L.  
**Spont.:** LT, Palanga Town Municipality, 2007
20. LT-1-KAUN-2013-O0025 *Laserpitium latifolium* L.  
**Spont.:** LT, Mažeikiai District Municipality, Gyvoliai, 2013
21. CH-0-KAUN-2017-0005 *Ligusticum mutellina* (L.) Crantz  
BG of University of Greifswald, DE, 2017: **Spont.:** CH, Kanton Obwalden, Kleinmelchtal, path from Alggi to Seefeld, limestone
22. LT-0-KAUN-2016-F0487 *Selinum carvifolia* (L.) L.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016

*APOCYNACEAE*

23. LT-0-KAUN-1995-F0042 *Vincetoxicum hirundinaria* Medik  
**Spont.:** LT, Varėna District Municipality, Dzūkija National Park, 1995

*ARALIACEAE*

24. LT-1-KAUN-1994-O0041 *Hedera helix* L. (pl. viv.)  
**Spont.:** LT, Kaišiadorys District Municipality, Kaukinė forest, 1994

*ASPARAGACEAE*

25. LT-0-KAUN-1980-O0158 *Convallaria majalis* L.  
**Spont.:** LT, Kaunas City Municipality, Jiesia, 1980

*ASTERACEAE*

26. LT-0-KAUN-2017-F0577 *Achillea millefolium* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai, 2017
27. LT-0-KAUN-1987-O0064 *Arctium lappa* L.  
**Spont.:** LT, Kaunas City Municipality, Jiesia, 1987
28. LT-1-KAUN-2016-F0430 *Arctium nemorosum* Lej.  
**Spont.:** LT, Marijampolė Municipality, Bukta forest, *Tilio cordatae-Carpinetum betuli*, 2016
29. XX-0-KAUN-2015-PF1776 *Aster alpinus* L. 'Dunkle Schöne'  
Vyšniauskų Gėlininkystės Ūkis Ltd, Raseiniai District Municipality, Gabšiai, LT, 2015
30. LT-0-KAUN-1978-O0076 *Bidens tripartita* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1978
31. LT-0-KAUN-2017-F0554 *Cirsium oleraceum* Scop.  
**Spont.:** LT, Kaišiadorys District Municipality, Kaukinė village, 2017
32. LT-0-KAUN-2017-F0555 *Cirsium rivulare* All.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017

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33. AT-0-WU-0022252 *Crepis pyrenaica* Greuter  
BG of the University of Vienna AT, 2017. Spont.: AT, Steiermark, Schneealpe; subalpine Hochstaudenflur; 1387 m s.m., 2015
34. CH0NEU-20170010 *Crepis pyrenaica* Greuter  
BG University of Neuchâtel, CH, 2017. Spont.: CH, Creux-du-Van, 46°93' N / 6°72' E, altitude 1370–1450 m.
35. XX-0-KAUN-2015-PF1900 *Echinacea purpurea* (L.) Moench 'Ferris Wheel'  
Central BG of National Academy Sciences of Belarus, Minsk, BY, 2015
36. XX-0-KAUN-2015-PF1904 *Echinacea purpurea* (L.) Moench 'Julia'  
Central BG of National Academy Sciences of Belarus, Minsk, BY
37. XX-0-KAUN-1998-PF0283 *Erigeron alpinus* L. 'Grandiflorus'  
BG of Vilnius University, LT, 1998
38. XX-0-KAUN-2014-PF0297 *Erigeron speciosus* (Lindl.) DC. 'Mrs. E. H. Beale'  
Vyšniauskų Gėlininkystės Ūkis Ltd, Raseiniai District Municipality, Gabšiai, LT, 2015
39. LT-0-KAUN-1995-O0092 *Eupatorium cannabinum* L.  
Spont.: LT, Utena District Municipality, Aukštaitija National Park, Vaišnoriskė, 1995
40. XX-0-KAUN-1963-F0070 *Helenium autumnale* L. 'Praecox'  
BG of Institute of Ecology and Botany – Centre for Ecological Research of Hungarian Academy of Sciences, Vácrátót, HU, 1963
41. LT-0-KAUN-2016-F0495 *Helichrysum arenarium* (L.) Moench  
Spont.: LT, Kaunas City Municipality, Petrašiūnai pinewood, 2016
42. LT-0-KAUN-2016-F0551 *Hieracium umbellatum* L.  
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016
43. LT-0-KAUN-1989-F0072 *Pilosella officinarum* F. W. Schultz et Sch. Bip.  
Spont.: LT, Kazlų Rūda Municipality, Jūrė, 1989
44. LT-0-KAUN-2017-FF0567 *Pilosella officinarum* F. W. Schultz et Sch. Bip.  
Spont.: LT, Kaunas City Municipality, Petrašiūnai pinewood, 2017
45. IT-0-JENA-7935971 *Robertia taraxacoides* (Loisel.) DC.  
BG University of Jena, DE, 2017: Spont.: IT, Rava del Ferro, Sant'Eufemia a Maiella (PE), 2100 m
46. LT-0-KAUN-2016-F0491 *Serratula tinctoria* L.  
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016
47. LT-0-KAUN-1979-O0112 *Solidago virgaurea* L.  
Spont.: LT, Kaunas City Municipality, Freda, 1979
48. GE-0-KAUN-2016-F047 *Tanacetum macrophyllum* (Waldst. et Kit.) Sch. Bip  
Zoological and Botanical Garden of the town Plzen, CZ, 2016: BG Bonn, DE. Spont.: GE, Region Guria, surroundings of Bakhmaro, valley of the stream Bachis Tschalis, alt. 1900 m, 41°49,983' N, 42°20.756' O, 2000
49. LT-0-KAUN-1978-O0117 *Tussilago farfara* L.  
Spont.: LT, Kaunas City Municipality, Freda, 1978

*BETULACEAE*

50. XX-0-KAUN-1928-D0261 *Carpinus betulus* L. 'Fastigiata'  
Unknown origin, 1928

*BORAGINACEAE*

51. LT-0-KAUN-2014-O0448 *Echium vulgare* L.  
Spont.: LT, Kaunas City Municipality, Freda, 2014

*BRASSICACEAE*

52. LT-0-KAUN-2003-O0132 *Capsella bursa-pastoris* (L.) Medik.  
Spont.: LT, Kaunas City Municipality, Freda, 2003

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53. LT-0-KAUN-2004-O0136 *Thlaspi arvense* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 2004
54. DE-0-ULM-2001-F-215 *Thlaspi perfoliatum* L.  
BG University of Ulm, DE. **Spont.:** DE, Bad. - Württ., Geislingen/Weiler, Halbtrockenrasen, 660 m

CAMPANULACEAE

55. LT-1-KAUN-2016-F0448 *Campanula bononiensis* L.  
**Spont.:** LT, Marijampolė Municipality, Liudvinavas village, Sūduonia River valley, 2016
56. XX-0-KAUN-1999-PF0643 *Platycodon grandiflorus* (Jacq.) A. DC. 'Mariesii'  
A. V. Fomin BG of Taras Shevchenko National University, Kiev, UA, 1999

CAPRIFOLIACEAE

57. XX-0-KAUN-19XX-D2083 *Lonicera alpigena* L. 'Nana'  
Unknown origin
58. XX-0-KAUN-19XX-D2231 *Lonicera tatarica* L. 'Morden Orange'  
Unknown origin
59. GE-0-KL-2012/939 *Scabiosa georgica* Sulak.  
BG of Leipzig University, DE, 2017: **Spont.:** GE, exact locality unknown
60. GE-0-WU-0020337 *Scabiosa colchica* Steven  
BG of University of Vienna, AT, 2017: **Spont.:** GE, exact locality unknown
61. LT-0-KAUN-2017-F0643 *Scabiosa ochroleuca* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
62. LT-0-KAUN-2016-F0479 *Succisa pratensis* Moench  
**Spont.:** LT, Alytus District Municipality, Grinkiškiai village, *Molinietum caeruleae*, 2016
63. LT-0-KAUN-2016-F0492 *Succisa pratensis* Moench  
**Spont.:** Kaišiadorys District Municipality, Pravieniškės forest, 2016
64. XX-0-KAUN-19XX-D1643 *Symphoricarpos* Duhamel 'Magic Berry'  
Unknown origin

CARYOPHYLLACEAE

65. LT-1-KAUN-2016-F0449 *Cerastium sylvaticum* Waldst. et Kit.  
**Spont.:** LT, Lazdijai District Municipality, Trakas forest, *Tilio cordatae-Carpinetum betuli*, 2016
66. LT-1-KAUN-2015-F0435 *Dianthus arenarius* L.  
**Spont.:** LT, Kazlų Rūda Municipality, Jūrė Forestry, *Peucedano oreoselini-Pinetum sylvestris*, 2015
67. LT-1-KAUN-2017-F0544 *Dianthus arenarius* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
68. LT-1-KAUN-2017-F0530 *Dianthus borbasii* Vandas  
**Spont.:** LT, Kaišiadorys District Municipality, Gilučiai eldership, 2017
69. AT-0-JENA-7972994 *Dianthus monspessulanus* subsp. *waldsteinii* L.  
BG University of Jena, DE, 2017: **Spont.:** AT, Kärnten, Seebergsattel, kalk, 1200-1400m
70. LT-1-KAUN-2016-F0450 *Dianthus superbus* L.  
**Spont.:** LT, Kalvarija Municipality, Jurgežeriai forest, *Potentillo albae-Quercetum*, 2016
71. LT-0-KAUN-2016-F0496 *Gypsophila fastigiata* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016
72. LT-0-KAUN-1961-O0148 *Gypsophila paniculata* L.  
**Spont.:** LT, Neringa Municipality, Curonian Lagoon National Park, 1961
73. LT-0-KAUN-2018-F0644 *Lychnis flos-cuculi* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Rumšiškės forest, 2018
74. LT-0-KAUN-1928-O0149 *Saponaria officinalis* L. (pl. viv.)  
**Spont.:** LT, 1928

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75. LT-0-KAUN-2016-F0481 *Silene nutans* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai village, 2016
76. LT-0-KAUN-2012-O0150 *Silene viscaria* (L.) Jess.  
**Spont.:** LT, Pagėgiai Municipality, Rambynas Regional Park, 2012
77. LT-0-KAUN-2017-F0578 *Silene vulgaris* (Moench) Garcke  
**Spont.:** LT, Kalvarija Municipality, Juodeliai forest, 2017
78. IS-0-REYK-2016/014 *Silene uniflora* Roth  
Reykjavik BG, IS, 2017. **Spont.:** S-Iceland: Eyrarbygg, 63°51'N, 21°07'W, 2016
79. XX-0-KAUN-2009-PF0786 *Silene uniflora* Roth 'Weisskelchen'  
BG of Tartu University, EE, 2009

*CORNACEAE*

80. XX-0-KAUN-2006-D0453 *Cornus alba* L. 'Aurea'  
Unknown origin, 2006
81. XX-0-KAUN-1982-D0462 *Cornus alba* L. 'Spaethii'  
BG of Kaliningrad University, RU, 1982
82. XX-0-KAUN-1960-D0473 *Cornus sericea* L. 'Flaviramea'  
Unknown origin, LT, 1960

*ERICACEAE*

83. XX-0-KAUN-1997-D1360 *Rhododendron canadense* (L.) Torr. 'Albiflorum'  
BG University of Latvia, Riga, LV, 1997
84. XX-0-KAUN-1998-D1397 *Rhododendron impeditum* Balf. f. et W. W. Sm. 'Billy Novinka'  
Exact data unknown, PL, 1998
85. XX-0-KAUN-1988-D1465 *Rhododendron* L. 'Admiral Piet Hein'  
Unknown origin, 1988
86. XX-0-KAUN-1998-D1469 *Rhododendron* L. 'Bohumil Kavka'  
Unknown origin, 1998
87. XX-0-KAUN-1996-D1370 *Rhododendron* L. 'Cunningham's White'  
Unknown origin, 1996
88. XX-0-KAUN-2013-D0025 *Rhododendron* L. 'English Roseum'  
Exact data unknown, Kaunas, LT, 2013
89. XX-0-KAUN-1998-D1474 *Rhododendron* L. 'Fantastica'  
Unknown origin, 1998
90. XX-0-KAUN-1998-D1479 *Rhododendron* L. 'Gold Flimmer'  
Unknown origin, 1998
91. XX-0-KAUN-1994-D1486 *Rhododendron* L. 'Nancy Waterer'  
Unknown origin, CZ, 1994

*FABACEAE*

92. LT-0-KAUN-1982-O0177 *Astragalus glycyphyllos* L.  
**Spont.:** LT, Utena District Municipality, Maneičiai, 1982
93. XX-0-KAUN-1986-D0892 *Laburnum anagyroides* Medik. 'Quercifolium'  
BG Johannes Gutenberg University, Mainz, DE, 1986
94. LT-1-KAUN-2015-F0439 *Lathyrus laevigatus* (Waldst. et Kit.) Gren.  
**Spont.:** LT, Marijampolė Municipality, Bukta forest, *Tilio cordatae-Carpinetum betuli*, 2015
95. LT-1-KAUN-2015-F0440 *Lathyrus pisiformis* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai village, 2015
96. LT-0-KAUN-1982-O0235 *Melilotus officinalis* (L.) Lam.  
**Spont.:** LT, Kaunas District Municipality, Kačerginė forest, 1982



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97. LT-0-KAUN-1977-O0186 *Ononis arvensis* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1977
98. LT-1-KAUN-2016-F0459 *Vicia dumetorum* L.  
**Spont.:** LT, Marijampolė Municipality, Bukta forest, 2016

*FAGACEAE*

99. XX-0-KAUN-19XX-D1972 *Quercus petraea* (Matt.) Liebl. 'Mespilifolia'  
Unknown origin

*GENTIANACEAE*

100. LT-0-KAUN-1980-O0194 *Gentiana cruciata* L.  
**Spont.:** LT, Kėdainiai District Municipality, 1980
101. LT-1-KAUN-2016-F0452 *Gentiana cruciata* L.  
**Spont.:** LT, Kaunas City Municipality, Vieškūnai hillfort, 2016
102. LT-1-KAUN-2016-F0451 *Gentiana cruciata* L.  
**Spont.:** LT, Lazdijai District Municipality, Trakas forest, 2016
103. LT-1-KAUN-2016-F0453 *Gentiana pneumonanthe* L.  
**Spont.:** LT, Alytus District Municipality, Grinkiškės village, *Molinietum caeruleae*, 2016

*GERANIACEAE*

104. LT-0-KAUN-2013-O0199 *Geranium pratense* L.  
**Spont.:** LT, Tauragė District Municipality, Pagėgiai, 2013
105. LT-0-KAUN-2017-F0573 *Geranium sanguineum* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai village, 2017

*HIPPOCASTANACEAE*

106. XX-0-KAUN-1982-1983-D0129 *Aesculus hippocastanum* L. 'Memmingeri'  
Unknown origin, 1982-1983

*HYDRANGEACEAE*

107. XX-0-KAUN-1975-D0524 *Deutzia crenata* Siebold et Zucc. 'Candidissima'  
Unknown origin, LT, 1975
108. XX-0-KAUN-1998-D0527 *Deutzia* Thunb. 'Mont Rose'  
Unknown origin, 1998
109. XX-0-KAUN-19XX-D0526 *Deutzia* Thunb. 'Strawberry Fields'  
Unknown origin

*HYPERICACEAE*

110. LT-0-KAUN-1979-O0206 *Hypericum perforatum* L.  
**Spont.:** LT, Kaunas City Municipality, Sargėnai, 1979
111. LT-0-KAUN-2017-F0553 *Hypericum perforatum* L.  
**Spont.:** LT, Kaunas City Municipality, Petrašiūnai, 2017
112. LT-0-KAUN-2017-F0579 *Hypericum perforatum* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai, 2017

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IRIDACEAE

113. LT-1-KAUN-2017-F0556 *Gladiolus imbricatus* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017

LAMIACEAE

114. LT-0-KAUN-1982-O0228 *Leonurus cardiaca* L.  
**Spont.:** LT, Varėna District Municipality, Merkinė, 1982
115. LT-0-KAUN-2017-F0625 *Lycopus europaeus* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 2017
116. LT-1-KAUN-2015-F0441 *Melittis melissophyllum* L.  
**Spont.:** LT, Kalvarija municipality, Juodeliai village, 2015
117. LT-1-KAUN-2005-O0241 *Mentha longifolia* (L.) L. (pl. viv.)  
**Spont.:** LT, Kaišiadorys District Municipality, Kaukinė forest, 2005
118. XX-0-KAUN-1980-O0242 *Mentha ×piperita* L. 'Chernolistnaya' (pl. viv.)  
M. M. Gryshko National BG of the National Academy of Sciences of Ukraine, Kiev, UA, 1980
119. XX-0-KAUN-1980-AR0095 *Mentha ×piperita* L. 'Krasnodarskaya 2' (pl. viv.)  
M. M. Gryshko National BG of the National Academy of Sciences of Ukraine, Kiev, UA, 1980
120. XX-0-KAUN-1980-AR0096 *Mentha ×piperita* L. 'Prilugskaya 6' (pl. viv.)  
M. M. Gryshko National BG of the National Academy of Sciences of Ukraine, Kiev, UA, 1980
121. XX-0-KAUN-1980-AR0097 *Mentha ×piperita* L. 'Zgadka' (pl. viv.)  
M. M. Gryshko National BG of the National Academy of Sciences of Ukraine, Kiev, UA, 1980
122. LT-0-KAUN-1973-O0252 *Origanum vulgare* L.  
**Spont.:** LT, Kaunas City Municipality, Sargėnai, 1973
123. LT-0-KAUN-2016-F0483 *Origanum vulgare* L.  
**Spont.:** LT, Lazdijai District Municipality, Paročkė village, 2016
124. LT-0-KAUN-2017-F0608 *Origanum vulgare* L.  
**Spont.:** LT, Kalvarija municipality, Juodeliai, 2017
125. LT-1-KAUN-1996-O0257 *Prunella grandiflora* (L.) Jacq.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1996
126. LT-1-KAUN-2015-F0445 *Prunella grandiflora* (L.) Jacq.  
**Spont.:** LT, Varėna District Municipality, Liūnelis Nature Reserve, 2015
127. LT-0-KAUN-1973-O0258 *Prunella vulgaris* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1973
128. LT-0-KAUN-2017-F0598 *Stachys officinalis* (L.) Trevis. ex Briq.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017

OLEACEAE

129. XX-0-KAUN-19XX-D1657 *Syringa vulgaris* L. 'Alba'  
Unknown origin
130. XX-0-KAUN-19XX-D1658 *Syringa vulgaris* L. 'Aucubaefolia'  
Unknown origin
131. XX-0-KAUN-19XX-D1662 *Syringa vulgaris* L. 'Sensation'  
Unknown origin

ONAGRACEAE

132. LT-0-KAUN-1980-O0307 *Epilobium angustifolium* L.  
**Spont.:** LT, Utena District Municipality, Petroniškės, 1980

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133. LT-0-KAUN-2017-F0630 *Epilobium hirsutum* L.

**Spont.:** LT, Kaunas City Municipality, Seniava, 2017

*PAEONIACEAE*

134. XX-0-KAUN-1958-PAE0159 *Paeonia lactiflora* Pall. 'Virgilijus'. Ona Skeivienė, 1958 (LT)

BG of Vytautas Magnus University, Kaunas, LT, 1958

135. XX-0-KAUN-1964-PAE0095 *Paeonia lactiflora* Pall. 'Maironis'. Ona Skeivienė, 1964 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1964

136. XX-0-KAUN-1964-PAE0078 *Paeonia lactiflora* Pall. 'Kastytis'. Ona Skeivienė, 1964 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1964

137. XX-0-KAUN-1970-PAE0116 *Paeonia lactiflora* Pall. 'Ona'. Ona Skeivienė, 1970 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1970

138. XX-0-KAUN-1970-PAE0027 *Paeonia lactiflora* Pall. 'Elena'. Ona Skeivienė, 1970 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1970

139. XX-0-KAUN-1970-PAE0133 *Paeonia lactiflora* Pall. 'Regina'. Ona Skeivienė, 1970 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1970

140. XX-0-KAUN-1970-PAE0075 *Paeonia lactiflora* Pall. 'Jonas'. Ona Skeivienė, 1970 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1970

141. XX-0-KAUN-1970-PAE0150 *Paeonia lactiflora* Pall. 'Tadas'. Ona Skeivienė, 1970 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1970

142. XX-0-KAUN-1970-PAE0073 *Paeonia lactiflora* Pall. 'Jadvyga'. Ona Skeivienė, 1970 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1970

143. XX-0-KAUN-1970-PAE0020 *Paeonia lactiflora* Pall. 'Danutė'. Ona Skeivienė, 1970 (LT)

BG of Vytautas Magnus University, LT, Kaunas, 1970

*PAPAVERACEAE*

144. LT-0-KAUN-1975-O0312 *Chelidonium majus* L.

**Spont.:** LT, Kaunas City Municipality, Freda, 1975

*PLANTAGINACEAE*

145. LT-1-KAUN-1955-O0409 *Gratiola officinalis* L.

**Spont.:** LT, Aukštaitija National Park, 1955

146. IT-0-JENA-7497847 *Plantago alpina* L.

BG University of Jena, DE, 2017: **Spont.:** IT, Pavillon du Mont Frety, 2200m

147. LT-0-KAUN-1980-O0320 *Plantago lanceolata* L.

**Spont.:** LT, Kaunas City Municipality, Freda, 1980

148. LT-0-KAUN-1997-O0321 *Plantago major* L.

**Spont.:** LT, Kaunas City Municipality, Freda, 1997

149. LT-0-KAUN-1980-O0322 *Plantago scabra* Moench

**Spont.:** LT, Kaunas City Municipality, Sargėnai, 1980

150. LT-0-KAUN-2014-F0285 *Veronica officinalis* L.

**Spont.:** LT, Kaunas District Municipality, Vaišvydava forest, 2014

*POACEAE*

151. LT-0-KAUN-2017-F0640 *Agrostis gigantea* Roth

**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017

152. LT-0-KAUN-2017-F0581 *Agrostis tenuis* Sibth.

**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017

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153. LT-0-KAUN-2017-F0582 *Anthoxanthum odoratum* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Kaukinė village, 2017
154. LT-0-KAUN-2014-F0289 *Arrhenatherum elatius* (L.) P. Beauv. Beauv. ex J. Presl et C. Presl  
**Spont.:** Kaunas City Municipality, Freda, 2014
155. LT-0-KAUN-2017-F0607 *Brachypodium pinnatum* (L.) P. Beauv.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai, 2017
156. LT-1-KAUN-2015-F0431 *Bromopsis benekenii* (Lange) Holub  
**Spont.:** LT, Vilkaviškis District Municipality, Drausgiris forest, *Tilio cordatae-Carpinetum betuli*, 2015
157. LT-1-KAUN-2015-F432 *Bromopsis erecta* (Huds.) Fourr.  
**Spont.:** LT, Marijampolė Municipality, Pakruopis Hill, 2015
158. LT-0-KAUN-2016-F0494 *Corynephorus canescens* (L.) P. Beauv.  
**Spont.:** LT, Kaunas City Municipality, Petrašiūnai pinewood, 2016
159. LT-0-KAUN-2017-F0557 *Deschampsia cespitosa* (L.) P. Beauv.  
**Spont.:** LT, Kaunas City Municipality, Freda, 2017
160. XX-0-KAUN-1996-F0292 *Deschampsia cespitosa* (L.) P. Beauv. 'Bronzeschleier'  
BG of the University of Latvia, Riga, LV, 1996
161. EE-0-KAUN-2015-F0428 *Deschampsia flexuosa* (L.) Trin.  
BG Tallinn, EE, 2015. **Spont.:** EE, Läänemaa, Nõva Community, Peraküla, 2014
162. LT-1-KAUN-2015-F0434 *Festuca altissima* All.  
**Spont.:** LT, Vilkaviškis District Municipality, Drausgiris forest, *Tilio cordatae-Carpinetum betuli*, 2015
163. LT-1-KAUN-2017-F0543 *Festuca psammophila* (Hack. ex Čelak.) Fritsch  
**Spont.:** LT, Lazdijai District Municipality, Krikštonys, 2017
164. XX-0-KAUN-2012-PF1363 *Festuca scoparia* Hook. f. 'Elijah Blue'  
BG University of Pécs, HU, 2012
165. LT-KAUN-2003-O0327 *Hierochloe odorata* (L.) P. Beauv.  
**Spont.:** LT, Kaunas City Municipality, Freda, 2003
166. LT-0-KAUN-2017-F0558 *Holcus lanatus* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
167. LT-1-KAUN-2015-F0438 *Hordelymus europaeus* (L.) Jess. ex Harz  
**Spont.:** LT, Marijampolė Municipality, Bukta forest, *Tilio cordatae-Carpinetum betuli*, 2015
168. LT-0-KAUN-2016-F0493 *Koeleria glauca* (Spreng.) DC.  
**Spont.:** LT, Kaunas City Municipality, Petrašiūnai pinewood, 2016
169. IR-0-FRP-26210 *Melica persica* Kunth  
Palmengarten Frankfurt am Main, DE, 2015: National BG of Iran, Teheran, IR: **Spont.:** IR, Mazandaran, above tonele Kandovan, alt. 2777 m
170. LT-0-KAUN-2016-F0559 *Molinia caerulea* (L.) Moench  
**Spont.:** LT, Alytus District Municipality, Grinkiškės village, *Molinietum caeruleae*, 2016
171. LT-0-MARIJ-1993-W-0952 *Phleum phleoides* (L.) H. Karst.  
BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015. **Spont.:** LT, Kalvarija Municipality, Juodeliai, 1993
172. LT-0-KAUN-2014-F0311 *Poa nemoralis* L.  
**Spont.:** LT, Kaunas District Municipality, Vaišvydava forest, 2014

POLEMONIACEAE

173. LT-1-KAUN-1993-O0328 *Polemonium caeruleum* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1993
174. LT-1-KAUN-2015-F0442 *Polemonium caeruleum* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai, 2015

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POLYGONACEAE

175. LT-0-KAUN-1990-O0333 *Polygonum aviculare* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1990
176. LT-0-KAUN-2017-F0561 *Rumex acetosella* L.  
**Spont.:** LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017

PRIMULACEAE

177. LT-0-KAUN-1961-O0337 *Primula veris* L.  
**Spont.:** LT, Kaunas District Municipality, Raudondvaris, 1961

RANUNCULACEAE

178. LT-1-KAUN-1988-F0641 *Isopyrum thalictroides* L.  
**Spont.:** Kaunas District Municipality, Kamša Botanical-Zoological Reserve, 1988
179. LT-0-KAUN-2016-F0467 *Ranunculus lanuginosus* L.  
**Spont.:** LT, Marijampolė Municipality, Bukta forest, *Tilio cordatae-Carpinetum betuli*, 2016
180. LT-0-KAUN-1972-O0362 *Thalictrum minus* L.  
**Spont.:** LT, Kaunas District Municipality, Kačerginė forest, 1972

ROSACEAE

181. LT-0-KAUN-1975-O0372 *Agrimonia eupatoria* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1975
182. LT-0-KAUN-2017-F0562 *Agrimonia eupatoria* L.  
**Spont.:** LT, Kalvarija Municipality, Juodeliai, 2017
183. LT-1-KAUN-2016-F0446 *Agrimonia pilosa* Ledeb.  
**Spont.:** LT, Marijampolė Municipality, Žuvintas Biosphere Reserve, 2016
184. LT-1-KAUN-2016-F0447 *Agrimonia procera* Wallr.  
**Spont.:** LT, Kalvarija Municipality, Jurgežeriai forest, 2016
185. XX-0-KAUN-19XX-D1922 *Crataegus laevigata* (Poir.) DC. 'Crimson Cloud'  
Unknown origin
186. LT-0-KAUN-1960-O0384 *Filipendula ulmaria* (L.) Maxim.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1960
187. LT-0-KAUN-1975-O0385 *Filipendula vulgaris* Moench  
**Spont.:** LT, Anykščiai District Municipality, Rubikiai, 1975
188. LT-0-KAUN-1993-O0387 *Geum rivale* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1993
189. LT-0-KAUN-1970-O0388 *Geum urbanum* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 1970
190. LT-0-KAUN-2017-F0569 *Potentilla argentea* L.  
**Spont.:** Kaišiadorys District Municipality, Pravieniškės forest, 2017

SCROPHULARIACEAE

191. LT-0-KAUN-2014-F0390 *Scrophularia nodosa* L.  
**Spont.:** LT, Kaunas District Municipality, Vaišvydava forest, 2014
192. AT-0-GZU-16 1240 *Verbascum alpinum* Turra  
BG of University Graz, AT, 2017. **Spont.:** AT, Teichalm: Aufstieg vom Teichwirt zum Hochlantsch, N47,355° E15,455;  
1200 bis 1300 m, Mischwaldsäume und Viehweiden 2016 (US, VB)

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193. LT-0-KAUN-1998-O0411 *Verbascum nigrum* L.  
**Spont.:** LT, Kaunas City Municipality, Jiesia, 1998

*SOLANACEAE*

194. LT-0-KAUN-2017-F0645 *Solanum dulcamara* L.  
**Spont.:** LT, Kaunas City Municipality, Freda, 2014

*TOFIELDIACEAE*

195. LT-1-KAUN-2015-F0443 *Tofieldia calyculata* (L.) Wahlenb.  
**Spont.:** LT, Lazdijai District Municipality, Liūnelis Nature Reserve, 2015

*VIOLACEAE*

196. LT-0-KAUN-1975-O0440 *Viola tricolor* L.  
**Spont.:** LT, Kaunas City Municipality, Sargėnai, 1975

*HORTUS BOTANICUS UNIVERSITATI VYTAUTI MAGNI, KAUNAS*

Botanical Garden of Vytautas Magnus University  
Ž. E. Žilibero Str. 6  
LT-46324 Kaunas  
Lithuania

Your address:

Email:

Tel:

We are IPEN member

yes

no

**Have you joined the international Plant Exchange Network (IPEN)?**

Further information on IPEN and how to become member can be found here: <http://www.bgci.org/resources/ipen/>

**Agreement on the supply of living plant material<sup>1</sup> for non commercial purposes leaving the International Plant Exchange Network (IPEN).**

Against the background of the provisions and decisions of the Convention on Biological Diversity of 1992 (CBD) and in particular those on access to genetic resources and benefit-sharing, the Botanic Garden and Botanical Museum Berlin Dahlem is dedicated to 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 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 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.
2. On receiving the plant material, the recipient endeavours to document the received plant material, its origin (country of origin, first receiving garden, "donor" of the plant material, year of collection) 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) and to send these publications to the garden and to the country of origin 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.
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.

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I accept the above conditions

Date, signature, recipient's name and address, stamp

<sup>1</sup>According to the CBD "genetic resources" means genetic material of actual or potential value. This definition covers both living and not living material. The Code of Conduct and the IPEN covers only the exchange of living plant material (living plants or parts of plants, diaspores) thus falling in the definition of genetic resources.



**DESIDERATA**

Please fill in order number


We are part of IPEN (International Plant Exchange Network) and can exchange material with other IPEN-members without bilateral agreements.

Non IPEN-members must return the "Agreement on the supply of living plant material for non commercial purposes leaving the International Plant Exchange Network (IPEN version 2b)" which must be signed by authorized staff. This Agreement can be returned by mail or Fax (see address above).

**Without a signed agreement seeds will not be shipped.**