



VYTAUTAS MAGNUS UNIVERSITY
BOTANICAL GARDEN IN KAUNAS

HORTUS BOTANICUS
UNIVERSITATI VYTAUTI MAGNI, KAUNAS

SEED LIST
INDEX SEMINUM
/ 2020

Dianthus superbus L. in collections of Vytautas Magnus University Botanical Garden.

Photo Kęstutis Obelevičius



VYTAUTAS MAGNUS UNIVERSITY. BOTANICAL GARDEN

HORTUS BOTANICUS UNIVERSITATI VYTAUTI MAGNI, KAUNAS

Ž. E. Žilibero str. 4
46324 Kaunas,
Lithuania

Phone: +370 37 390033
Fax: +370 37 390133
E-mail: bs@bs.vdu.lt
<http://botanika.vdu.lt>

Compiled by Kristina Stankevičienė, Arūnas Balsevičius

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 14783 different plants comprise the collections and expositions.

SECTORS OF PLANT COLLECTIONS AND DISPLAYS

Sector of Dendrology

There are 2279 examples in this sector. 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. The biggest collection is *Rhododendron*. Collection consist of 251 examples. The second largest collection of *Hydrangea* consist of 137 examples.

Lithuanian rare and endangered plant exposition was established in 2016. 76 examples of plant species are planted.

Flora taxonomy collection-exposition at the present time contains 649 examples.



Sector of Floriculture

This sector is the biggest in Botanical Garden. There are 10122 cultivated examples:

Greenhouse contains 1082 examples. 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 1577 cultivated examples of roses.

There are 1621 examples of *Dahlia*, 210 examples of *Iris*, 306 examples of *Paeonia*. Other perennial flowers collection contains 4053 examples, 77 examples of climatic zone 7 plants collection, 194 examples of *Astilbe*, 112 examples of *Clematis*, 457 examples of *Tulipa*, 68 examples of water plants, 23 examples of bamboo collection.

Sector of Medicinal, Aromatic Plants and Spices

At the present time there are 869 cultivated examples of medicinal plants, aromatic plants and spices and 43 examples of *Humulus lupulus*. Collections are planted according to bioactive plant compounds classification.

Sector of Pomology

Collection contains 599 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, R. Maršelienė, 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.

SEEDS COLLECTED IN THE BOTANICAL GARDEN

SEMINA IN HORTO BOTANICO COLLECTA

PINOPHYTA

CUPRESSACEAE

1. XX-0-KAUN-1985-D0322 *Chamaecyparis lawsoniana* (A. Murray) Parl. 'Kelleriis'
Exact data unknown, Essen, DE, 1985
2. XX-0-KAUN-1983-D0326 *Chamaecyparis lawsoniana* (A. Murray) Parl. 'Lutea'
Arboretum Nový Dvur of Silezian Muzeum in Opava, CZ, 1983
3. XX-0-KAUN-1984-D0331 *Chamaecyparis lawsoniana* (A. Murray) Parl. 'Versicolor'
BG of the University of Duisburg-Essen, DE, 1984
4. XX-0-KAUN-1982-D0402 *Chamaecyparis pisifera* (Siebold et Zucc.) Endl. 'Filifera'
Arboretum of Dubrava Experimental - Training Forest Enterprise, Vaišvydava, Kaunas
District Municipality, LT, 1982
5. XX-0-KAUN-1996-D0801 *Juniperus communis* L. 'Tempelhof'
Arboretum "Kokaudzētava Baltezers", Riga District, LV, 1996
6. XX-0-KAUN-1996-D0845 *Juniperus scopulorum* 'Skyrocket'
Arboretum "Kokaudzētava Baltezers", Riga District, LV, 1996
7. XX-0-KAUN-1986-D1721 *Thuja occidentalis* L. 'Bodmeri'
National BG of Latvia, Salaspils, LV, 1986
8. XX-0-KAUN-1960-D1763 *Thuja occidentalis* L. 'Globosa'
Unknown origin, 1960
9. XX-0-KAUN-1986-D1769 *Thuja occidentalis* L. 'Goldperle'
National BG of Latvia, Salaspils, LV, 1986
10. XX-0-KAUN-1982-D1754 *Thuja occidentalis* L. 'Hoveyi'
Arboretum of Dubrava Experimental - Training Forest Enterprise, Vaišvydava, Kaunas
District Municipality, LT, 1982
11. XX-0-KAUN-1983-D1787 *Thuja occidentalis* L. 'Rosenthalii'
Arboretum Nový Dvur of Silezian Muzeum in Opava, CZ, 1983

PINACEAE

12. XX-0-KAUN-2013-D0061 *Picea abies* (L.) H. Karst. 'Acrocona'
Terra animalis Ltd., Kaunas District Municipality, Zapyškis, LT, 2013
13. XX-0-KAUN-1961-D1063 *Picea abies* (L.) H. Karst. 'Fastigiata'
BG University of Latvia, Riga, LV, 1961
14. XX-0-KAUN-1926-D1083 *Picea abies* (L.) H. Karst. 'Virgata'
Späth Arboretum of Humboldt University of Berlin, DE, 1926
15. XX-0-KAUN-2014-D0043 *Picea alcoquiana* Veitch ex Lindl.
Želdynėlis Ltd., Kaunas District Municipality, Patamušėliai, 2014

16. XX-0-KAUN-2007-D1087 *Picea asperata* Mast.
BG of Šiauliai University, LT, 2007
17. XX-0-KAUN-1928-D1088 *Picea engelmannii* Parry ex Engelm.
Späth Arboretum of Humboldt University of Berlin, DE, 1928
18. XX-0-KAUN-1928-D1091 *Picea glauca* (Moench) Voss
Späth Arboretum of Humboldt University of Berlin, DE, 1928
19. XX-0-KAUN-1987-D1109 *Picea omorika* (Pančić) Purk.
Arboretum of Dubrava Experimental - Training Forest Enterprise, Vaišvydava,
Kaunas District Municipality, LT, 1982
20. XX-0-KAUN-1923-D1296 *Pseudotsuga menziesii* (Mirb.) Franco
Späth Arboretum of Humboldt University of Berlin, DE, 1923
21. XX-0-KAUN-1982-D1303 *Pseudotsuga menziesii* (Mirb.) Franco var. *glauca* (Mayr) Franco
Unknown origin, 1982

MAGNOLIOPHYTA

AMARYLLIDACEAE

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

APIACEAE

23. LT-0-KAUN-2017-F0583 *Carum carvi* L.
Spont.: LT, Kaišiadorys District Minicipality, Kaukinė village, 2017
24. LT-0-KAUN-2017-F0642 *Daucus carota* L.
Spont.: LT, Kalvarija Municipality, Juodeliai, 2017
25. LT-1-KAUN-2007-O0021 *Eryngium maritimum* L.
Spont.: LT, Palanga City Municipality, 2007
26. LT-0-KAUN-2018-F0700 *Heracleum sibiricum* L.
Spont.: Kaunas City Municipality, Freda, 2018
27. LT-1-KAUN-2013-O0025 *Laserpitium latifolium* L.
Spont.: LT, Mažeikiai District Municipality, Gyvoliai, 2013
28. CH-0-KAUN-2017-0005 *Ligusticum mutellina* (L.) Crantz
BG of University of Greifswald, DE, 2017: **Spont.**: CH, Kanton Obwalden,
Kleinmelchtal, path from Alaggi to Seefeld,limestone
29. LT-0-KAUN-2017-F0727 *Pimpinella saxifraga* L.
Spont.: LT, Lazdijai District Municipality, Liūnelis Nature Reserve, 2017
30. LT-0-KAUN-2016-F0487 *Selinum carvifolia* (L.) L.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016



APOCYNACEAE

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

AQUIFOLIACEAE

32. XX-0-KAUN-2018-D0226 *Ilex × meserveae* S.Y. Hu 'Hecsenfee'
Parko Medelynės Ltd., Marijampolė Municipality, Puskelniai, LT, 2018

ARALIACEAE

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

ASPARAGACEAE

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

ASTERACEAE

35. LT-0-KAUN-2017-F0577 *Achillea millefolium* L.
Spont.: LT, Kalvarija Municipality, Juodeliai, 2017
36. LT-0-KAUN-1987-O0064 *Arctium lappa* L.
Spont.: LT, Kaunas City Municipality, Jiesia, 1987
37. LT-1-KAUN-2016-F0430 *Arctium nemorosum* Lej.
Spont.: LT, Marijampolė Municipality, Bukta forest,
Tilio cordatae-Carpinetum betuli, 2016
38. LT-0-KAUN-1978-O0076 *Bidens tripartita* L.
Spont.: LT, Kaunas City Municipality, Freda, 1978
39. AT-0-GZU-10 217 *Buphthalmum salicifolium* L.
BG University of Bonn, DE, 2017: **Spont.:** AT, Steirisches Randgebirge, Grazer Bergland,
Teichalm: Tyrnauer Alm, 1405 m, 47.3398° N, 15.4215° O, P. Gigerl, 21.09.2010
40. LT-0-KAUN-2017-F0600 *Centaurea jacea* L.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
41. LT-0-KAUN-2017-F0728 *Centaurea jacea* L.
Spont.: LT, Lazdijai District Municipality, Liūnelis Nature Reserve, 2017
42. LT-0-KAUN-2017-F0554 *Cirsium oleraceum* Scop.
Spont.: LT, Kaišiadorys District Municipality, Kaukinė village, 2017
43. LT-0-KAUN-2017-F0555 *Cirsium rivulare* All.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017



Allium angulosum L. Photo Kęstutis Obelevičius

44. AT-0-WU-0022252 *Crepis pyrenaica* Greuter

BG of the University of Vienna AT, 2017: **Spont.:** AT, Steiermark, Schneegalpe; subalpine Hochstaudenflur; 1387 m s.m., 2015

45. 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.

46. LT-0-KAUN-1995-O0092 *Eupatorium cannabinum* L.

Spont.: LT, Utena District Municipality, Aukštaitija National Park, Vaišnoriškė, 1995

47. LT-0-KAUN-2016-PF2299 *Eupatorium cannabinum* L.

Spont.: LT, Kalvarija Municipality, Juodeliai, 2016

48. LT-0-KAUN-2016-F0495 *Helichrysum arenarium* (L.) Moench

Spont.: LT, Kaunas City Municipality, Petrašiūnai pinewood, 2016

49. LT-0-KAUN-2016-F0551 *Hieracium umbellatum* L.

Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016

50. AT-0-PLZEN-0169-12-10 *Leucanthemum atratum* (Jacq.) DC.

Zoological and Botanical Garden of the town Plzen, CZ, 2017: BG University of Salzburg, AT: **Spont.:** AT, Steiermark, Rax, Waxriegelhaus, Heukuppe, Mugetum, limestone, alt. 1850 m

51. LT-0-KAUN-2017-F0567 *Pilosella officinarum* F. W. Schultz et Sch. Bip.

Spont.: LT, Kaunas City Municipality, Petrašiūnai pinewood, 2017

52. 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

53. LT-0-KAUN-2016-F0491 *Serratula tinctoria* L.

Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016

54. LT-0-KAUN-1979-O0112 *Solidago virgaurea* L.

Spont.: LT, Kaunas City Municipality, Freda, 1979

55. GE-0-KAUN-2016-F0477 *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°20.756'0, 2000

56. LT-0-KAUN-1979-O0114 *Tanacetum vulgare* L.

Spont.: LT, Kaunas City Municipality, Freda, 1979

57. LT-0-KAUN-1978-O0117 *Tussilago farfara* L.

Spont.: LT, Kaunas City Municipality, Freda, 1978

BORAGINACEAE

58. LT-0-KAUN-2014-O0448 *Echium vulgare* L.

Spont.: LT, Kaunas City Municipality, Freda, 2014



BRASSICACEAE

59. LT-0-KAUN-2003-O0132 *Capsella bursa-pastoris* (L.) Medik.
Spont.: LT, Kaunas City Municipality, Freda, 2003
60. AT-0-WU-0025810 *Kernera saxatilis* (L.) Sweet
BG of the University of Vienna, AT, 2017: **Spont.:** AT, St, Gröbming; alpine Felsfluren
über Dachsteinkalken; 1800–2040 m s.m; 31.08.2016
61. LT-0-KAUN-2004-O0136 *Thlaspi arvense* L.
Spont.: LT, Kaunas City Municipality, Freda, 2004
62. DE-0-ULM-2001-F-215 *Thlaspi perfoliatum* L.
BG University of Ulm, DE, 2017: **Spont.:** DE, Bad. - Württ., Geislingen/Weiler,
Halbtrockenrasen, 660 m

CAMPANULACEAE

63. LT-1-KAUN-2016-F0448 *Campanula bononiensis* L.
Spont.: LT, Marijampolė Municipality, Liudvinavas village, Sūduonia River valley, 2016

CAPRIFOLIACEAE

64. GE-0-WU-0020337 *Scabiosa colchica* Steven
BG of the University of Vienna, AT, 2017: **Spont.:** GE, exact locality unknown
65. DE-0-KAUN-2017-F0662 *Scabiosa columbaria* L.
BG of University of Greifswald, DE, 2017: **Spont.:** DE, Thuringia, Blakenhain, Wittersroda
66. GE-0-KL-2012/939 *Scabiosa georgica* Sulak.
BG of Leipzig University, DE, 2017: **Spont.:** GE, exact locality unknown
67. LT-0-KAUN-2017-F0643 *Scabiosa ochroleuca* L.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
68. LT-0-KAUN-2016-F0479 *Succisa pratensis* Moench
Spont.: LT, Alytus District Municipality, Grinkiškiai village, *Molinietum caeruleae*, 2016
69. LT-0-KAUN-2017-F0623 *Valeriana officinalis* L.
Spont.: LT, Kaišiadorys District Municipality, Kaukinė village, 2017

CARYOPHYLLACEAE

70. LT-1-KAUN-2016-F0449 *Cerastium sylvaticum* Waldst. et Kit.
Spont.: LT, Lazdijai District Municipality, Trakas forest,
Tilio cordatae-Carpinetum betuli, 2016
71. LT-1-KAUN-2017-F0544 *Dianthus arenarius* L.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
72. LT-1-KAUN-2017-F0530 *Dianthus borbasii* Vandas
Spont.: LT, Kaišiadorys District Municipality, Gilučiai eldership, 2017

73. BA-0-IB-014869 *Dianthus integer* Vis.

BG and Alp G Institute of Botany Universite of Innsbruck, AT, 2017:

Spont.: BA, W/BA-Dinara-Mt. Veliki-Troglav-1500 m

74. AT-0-JENA-7972994 *Dianthus monspessulanus* subsp. *waldsteinii* L.

BG University of Jena, DE, 2017: **Spont.:** AT, Kärnten, Seebergsattel, kalk, 1200–1400 m

75. LT-0-KAUN-2016-F0496 *Gypsophila fastigiata* L.

Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2016

76. LT-0-KAUN-1961-O0148 *Gypsophila paniculata* L.

Spont.: LT, Neringa Municipality, Curonian Lagoon National Park, 1961

77. LT-0-KAUN-2018-F0644 *Lychnis flos-cuculi* L.

Spont.: LT, Kaišiadorys District Municipality, Rumšiškės forest, 2018

78. LT-0-KAUN-1928-O0149 *Saponaria officinalis* L. (pl. viv.)

Spont.: LT, 1928

79. LT-0-KAUN-2016-F0481 *Silene nutans* L.

Spont.: LT, Kalvarija Municipality, Juodeliai village, 2016

80. LT-0-KAUN-2012-O0150 *Silene viscaria* (L.) Jess.

Spont.: LT, Pagėgiai Municipality, Rambynas Regional Park, 2012

81. LT-0-KAUN-2017-F0578 *Silene vulgaris* (Moench) Garcke

Spont.: LT, Kalvarija Municipality, Juodeliai forest, 2017

82. IS-0-REYK-2016/014 *Silene uniflora* Roth

Reykjavik BG, IS, 2017: **Spont.:** S-Iceland: Eyrarbakk, 63°51'N, 21°07'W, 2016

83. XX-0-KAUN-2009-PF0786 *Silene uniflora* Roth 'Weisskelchen'

BG of Tartu University, EE, 2009

CYPERACEAE

84. LT-1-KAUN-2017-F0539 *Carex distans* L.

Spont.: LT, Alytus District Municipality, Žuvintas Biosphere Reserve

85. DE-0-KIEL-1985 12553-70-100 *Carex divulsa* Stokes

BG of Kiel University, DE, 2017

ERICACEAE

86. XX-0-KAUN-1998-D0878 *Kalmia angustifolia* L. 'Rubra'

Exact data unknown, PL, 1998

87. XX-0-KAUN-1997-D1360 *Rhododendron canadense* (L.) Torr. 'Albiflorum'

BG University of Latvia, Riga, LV, 1997

88. XX-0-KAUN-1998-D1474 *Rhododendron* L. 'Fantastica'

Unknown origin, 1998

89. XX-0-KAUN-1998-D1367 *Rhododendron* L. 'Hachmann's Eskimo'

Unknown origin, 1998

90. XX-0-KAUN-2000-D1482 *Rhododendron* L. 'Lavanda'

Unknown origin, 2000



Campanula bononiensis L. Photo Kęstutis Obelevičius

91. XX-0-KAUN-1999-D1484 *Rhododendron* L. 'Lita'
Unknown origin, 1999
92. XX-0-KAUN-1996-D1487 *Rhododendron* L. 'Nova Zembla'
Unknown origin, 1996

FABACEAE

93. LT-0-KAUN-2018-F0683 *Anthyllis vulneraria* L.
Spont.: LT, Kaišiadorys District Municipality, Balceriškės, 2018
94. LT-0-KAUN-1982-O0177 *Astragalus glycyphyllos* L.
Spont.: LT, Utena District Municipality, Manečiai, 1982
95. XX-0-KAUN-2012-D0005 *Cytisus scoparius* (L.) Link 'Moonlight'
Exact data unknown, Kaunas, LT, 2012
96. LT-1-KAUN-2015-F0439 *Lathyrus laevigatus* (Waldst. et Kit.) Gren.
Spont.: LT, Marijampolė Municipality, Bukta forest,
Tilio cordatae-Carpinetum betuli, 2015
97. LT-1-KAUN-2015-F0440 *Lathyrus pisiformis* L.
Spont.: LT, Kalvarija Municipality, Juodeliai village, 2015
98. LT-0-KAUN-2018-F0701 *Lathyrus pratensis* L.
Spont.: LT, Kaišiadorys District Minicipality, Rumšiškės forest, 2018
99. LT-0-KAUN-1982-O0235 *Melilotus officinalis* (L.) Lam.
Spont.: LT, Kaunas District Municipality, Kačerginė forest, 1982
100. LT-0-KAUN-1977-O0186 *Ononis arvensis* L.
Spont.: LT, Kaunas City Municipality, Freda, 1977
101. LT-1-KAUN-2015-F0444 *Trifolium rubens* L.
Spont.: LT, Kalvarija Municipality, Juodeliai village, 2015
102. LT-0-KAUN-2018-F0690 *Vicia cracca* L.
Spont.: LT, Kaišiadorys District Municipality, Balceriškės, 2018
103. LT-0-KAUN-2017-F0614 *Vicia cracca* L.
Spont.: LT, Kaišiadorys District Minicipality, Rumšiškės, 2017
104. LT-1-KAUN-2016-F0459 *Vicia dumetorum* L.
Spont.: LT, Marijampolė Municipality, Bukta forest, 2016

GENTIANACEAE

105. LT-0-KAUN-1980-O0194 *Gentiana cruciata* L.
Spont.: LT, Kaišiadorys District Municipality, Kaukinė forest, 1980
106. LT-1-KAUN-2016-F0452 *Gentiana cruciata* L.
Spont.: LT, Kaunas City Municipality, Vieškūnai hillfort, 2016
107. LT-1-KAUN-2016-F0451 *Gentiana cruciata* L.
Spont.: LT, Lazdijai District Municipality, Trakas forest, 2016
108. LT-1-KAUN-2016-F0453 *Gentiana pneumonanthe* L.
Spont.: LT, Alytus District Munipality, Grinkiškės village, *Molinietum caeruleae*, 2016



Dianthus borbasii Vandas. Photo Kęstutis Obelevičius



GERANIACEAE

109. LT-0-KAUN-2013-O0199 *Geranium pratense* L.
Spont.: LT, Pagėgiai Municipality, Pagėgiai, 2013
110. LT-0-KAUN-2017-F0573 *Geranium sanguineum* L.
Spont.: LT, Kalvarija Municipality, Juodeliai village, 2017

HYPERICACEAE

111. XX-0-WU-0008199 *Hypericum olympicum* L. f. *minus* 'Sulphureum'
BG University of Bonn, DE, 2016
112. LT-0-KAUN-1979-O0206 *Hypericum perforatum* L.
Spont.: LT, Kaunas City Municipality, Sargėnai, 1979
113. LT-0-KAUN-2017-F0553 *Hypericum perforatum* L.
Spont.: LT, Kaunas City Municipality, Petrašiūnai, 2017
114. LT-0-KAUN-2017-F0579 *Hypericum perforatum* L.
Spont.: LT, Kalvarija Municipality, Juodeliai, 2017

IRIDACEAE

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

LAMIACEAE

116. LT-0-KAUN-1982-O0228 *Leonurus cardiaca* L.
Spont.: LT, Varėna District Municipality, Merkinė, 1982
117. LT-0-KAUN-2017-F0625 *Lycopus europaeus* L.
Spont.: LT, Kaunas City Municipality, Freda, 2017
118. ES-0-BONN-4178 *Marrubium incanum* Desr.
BG Johannes Gutenberg University, Mainz, DE, 2017
Spont.: ES, Costa Blanca Urbanizacion La Zenia
119. LT-1-KAUN-2015-F0441 *Melittis melissophyllum* L.
Spont.: LT, Kalvarija Municipality, Juodeliai village, 2015
120. LT-1-KAUN-2005-O0241 *Mentha longifolia* (L.) L. (pl. viv.)
Spont.: LT, Kaišiadorys District Municipality, Kaukinė forest, 2005
121. 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
122. 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



Vicia dumetorum L. Photo Arūnas Balsevičius

123. 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
124. 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
125. LT-0-KAUN-1973-O0252 *Origanum vulgare* L.
Spont.: LT, Kaunas City Municipality, Sargėnai, 1973
126. LT-0-KAUN-2016-F0483 *Origanum vulgare* L.
Spont.: LT, Lazdijai District Municipality, Paročkė village, 2016
127. LT-1-KAUN-1996-O0257 *Prunella grandiflora* (L.) Jacq.
Spont.: LT, Kaunas City Municipality, Freda, 1996
128. LT-1-KAUN-2015-F0445 *Prunella grandiflora* (L.) Jacq.
Spont.: LT, Lazdijai District Municipality, Liūnelis Nature Reserve, 2015
129. LT-0-KAUN-1973-O0258 *Prunella vulgaris* L.
Spont.: LT, Kaunas City Municipality, Freda, 1973
130. LT-0-KAUN-2017-F0598 *Stachys officinalis* (L.) Trevis. ex Briq.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017

ONAGRACEAE

131. LT-0-KAUN-1980-O0307 *Epilobium angustifolium* L.
Spont.: LT, Utena District Municipality, Petroniškės, 1980
132. LT-0-KAUN-2017-F0630 *Epilobium hirsutum* L.
Spont.: LT, Kaunas City Municipality, Seniava, 2017

PAEONIACEAE

133. XX-0-KAUN-1970-PAE0020 *Paeonia lactiflora* Pall. 'Danutė'. Ona Skeivienė, 1970 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1970
134. XX-0-KAUN-1970-PAE0027 *Paeonia lactiflora* Pall. 'Elena'. Ona Skeivienė, 1970 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1970
135. XX-0-KAUN-1970-PAE0073 *Paeonia lactiflora* Pall. 'Jadvyga'. Ona Skeivienė, 1970 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1970
136. XX-0-KAUN-1970-PAE0075 *Paeonia lactiflora* Pall. 'Jonas'. Ona Skeivienė, 1970 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1970
137. XX-0-KAUN-1964-PAE0078 *Paeonia lactiflora* Pall. 'Kastytis'. Ona Skeivienė, 1964 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1964
138. XX-0-KAUN-1964-PAE0095 *Paeonia lactiflora* Pall. 'Maironis'. Ona Skeivienė, 1964 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1964
139. XX-0-KAUN-1970-PAE0116 *Paeonia lactiflora* Pall. 'Ona'. Ona Skeivienė, 1970 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1970



Prunella grandiflora (L.) Scholler. Photo Kęstutis Obelevičius

140. XX-0-KAUN-1970-PAE0133 *Paeonia lactiflora* Pall. 'Regina'. Ona Skeivienė, 1970 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1970
141. XX-0-KAUN-1970-PAE0136 *Paeonia lactiflora* Pall. 'Rytas'. Ona Skeivienė, 1970 (LT)
BG of Vytautas Magnus University, LT, Kaunas, 1970
142. XX-0-KAUN-1958-PAE0159 *Paeonia lactiflora* Pall. 'Virgilijus'. Ona Skeivienė, 1958 (LT)
BG of Vytautas Magnus University, Kaunas, LT, 1958

PAPAVERACEAE

143. LT-0-KAUN-1975-O0312 *Chelidonium majus* L.
Spont.: LT, Kaunas City Municipality, Freda, 1975

PLANTAGINACEAE

144. LT-1-KAUN-1955-O0409 *Gratiola officinalis* L. (pl.viv.)
Spont.: LT, Aukštaitija National Park, 1955
145. IT-0-JENA-7497847 *Plantago alpina* L.
BG University of Jena, DE, 2017: **Spont.**: IT, Pavillon du Mont Frety, 2200 m
146. LT-0-KAUN-1980-O0320 *Plantago lanceolata* L.
Spont.: LT, Kaunas City Municipality, Freda, 1980
147. LT-0-KAUN-1997-O0321 *Plantago major* L.
Spont.: LT, Kaunas City Municipality, Freda, 1997
148. LT-0-KAUN-1980-O0322 *Plantago scabra* Moench
Spont.: LT, Kaunas City Municipality, Sargėnai, 1980

POACEAE

149. LT-0-KAUN-2017-F0640 *Agrostis gigantea* Roth
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
150. LT-0-KAUN-2017-F0581 *Agrostis tenuis* Sibth.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
151. LT-0-KAUN-2017-F0582 *Anthoxanthum odoratum* L.
Spont.: LT, Kaišiadorys District Municipality, Kaukinė village, 2017
152. LT-0-KAUN-2014-F0289 *Arrhenatherum elatius* (L.) P. Beauv. Beauv. ex J. Presl et C. Presl
Spont.: Kaunas City Municipality, Freda, 2014
153. LT-0-KAUN-2017-F0607 *Brachypodium pinnatum* (L.) P. Beauv.
Spont.: LT, Kalvarija Municipality, Juodeliai, 2017
154. LT-0-KAUN-2018-F0699 *Briza media* L.
Spont.: LT, Kaišiadorys District Municipality, Balceriškės, 2018
155. LT-1-KAUN-2015-F0431 *Bromopsis benekenii* (Lange) Holub
Spont.: LT, Vilkaviškis District Municipality, Drausgiris forest,
Tilio cordatae-Carpinetum betuli, 2015



Gentiana pneumonanthe L. Photo Kęstutis Obelevičius

156. LT-1-KAUN-2015-F432 *Bromopsis erecta* (Huds.) Fourr.
Spont.: LT, Marijampolė Municipality, Pakruopis Hill, 2015
157. LT-0-KAUN-2016-F0494 *Corynephorus canescens* (L.) P. Beauv.
Spont.: LT, Kaunas City Municipality, Petrašiūnai pinewood, 2016
158. LT-0-KAUN-2017-F0557 *Deschampsia cespitosa* (L.) P. Beauv.
Spont.: LT, Kaunas City Municipality, Freda, 2017
159. XX-0-KAUN-1996-F0292 *Deschampsia cespitosa* (L.) P. Beauv. 'Bronzeschleier'
BG of the University of Latvia, Riga, LV, 1996
160. LT-1-KAUN-2015-F0434 *Festuca altissima* All.
Spont.: LT, Vilkaviškis District Municipality, Drausgiris forest,
Tilio cordatae-Carpinetum betuli, 2015
161. LT-1-KAUN-2017-F0543 *Festuca psammophila* (Hack. ex Čelak.) Fritsch
Spont.: LT, Lazdijai District Municipality, Krikštonys, 2017
162. LT-KAUN-2003-O0327 *Hierochloe odorata* (L.) P. Beauv.
Spont.: LT, Kaunas City Municipality, Freda, 2003
163. LT-0-KAUN-2017-F0558 *Holcus lanatus* L.
Spont.: LT, Kaišiadorys District Municipality, Pravieniškės forest, 2017
164. LT-1-KAUN-2015-F0438 *Hordelymus europaeus* (L.) Jess. ex Harz
Spont.: LT, Marijampolė Municipality, Bukta forest,
Tilio cordatae-Carpinetum betuli, 2015
165. LT-0-KAUN-2016-F0493 *Koeleria glauca* (Spreng.) DC.
Spont.: LT, Kaunas City Municipality, Petrašiūnai pinewood, 2016
166. 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
167. LT-0-KAUN-2016-F0559 *Molinia caerulea* (L.) Moench
Spont.: LT, Alytus District Municipality, Grinkiškės village, *Molinietum caeruleae*, 2016
168. 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
169. LT-1-KAUN-2017-F0548 *Sesleria caerulea* (L.) Ard.
BG of Šiauliai University, LT, 2017:
Spont.: LT, Kelmė District Municipality, Gudminiškė, 2005

POLEMONIACEAE

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



Hordeum europaeus (L.) Jess. ex Harz. Photo Kęstutis Obelevičius



POLYGONACEAE

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

PRIMULACEAE

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

RANUNCULACEAE

175. LT-0-KAUN-2017-F0591 *Anemone sylvestris* L.
Spont.: LT, Kaunas District Municipality, Girionys, Kaunas Lagoon Regional Park, 2017
176. LT-1-KAUN-1988-F0641 *Isopyrum thalictroides* L.
Spont.: Kaunas District Municipality, Kamša Botanical-Zoological Reserve, 1988
177. LT-0-KAUN-2017-F0613 *Ranunculus acris* L.
Spont.: LT, Kaišiadorys District Municipality, Rumšiškės, 2017
178. LT-0-KAUN-2017-F0632 *Ranunculus acris* L.
Spont.: LT, Kaunas City Municipality, Freda, 2017
179. LT-0-KAUN-2016-F0466 *Ranunculus cassubicus* L.
Spont.: LT, Marijampolė Municipality, Bukta forest,
Tilio cordatae-Carpinetum betuli, 2016
180. LT-0-KAUN-2016-F0467 *Ranunculus lanuginosus* L.
Spont.: LT, Marijampolė Municipality, Bukta forest,
Tilio cordatae-Carpinetum betuli, 2016
181. LT-0-KAUN-1972-O0362 *Thalictrum minus* L.
Spont.: LT, Kaunas District Municipality, Kačerginė forest, 1972

ROSACEAE

182. LT-0-KAUN-1975-O0372 *Agrimonia eupatoria* L.
Spont.: LT, Kaunas City Municipality, Freda, 1975
183. LT-0-KAUN-2017-F0562 *Agrimonia eupatoria* L.
Spont.: LT, Kalvarija Municipality, Juodeliai, 2017
184. LT-1-KAUN-2016-F0446 *Agrimonia pilosa* Ledeb.
Spont.: LT, Marijampolė Municipality, Žuvintas Biosphere Reserve, 2016
185. LT-1-KAUN-2016-F0447 *Agrimonia procera* Wallr.
Spont.: LT, Kalvarija Municipality, Jurgežeriai forest, 2016
186. LT-0-KAUN-1960-O0384 *Filipendula ulmaria* (L.) Maxim.
Spont.: LT, Kaunas City Municipality, Freda, 1960



Agrimonia procera Wallr. Photo Kęstutis Obelevičius

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. FR-0-P-2010g205 *Scrophularia alpestris* J. Gay ex Benth.
Zoological and Botanical Garden of the town Plzen, CZ, 2017: BG Paris, FR.
Spont.: FR, Pyrenees-Atlant., Eaux-Bonnes, Ley, alt. 1189 m, rocks, calcareous

192. LT-0-KAUN-2014-F0390 *Scrophularia nodosa* L.
Spont.: LT, Kaunas District Municipality, Vaišvydava forest, 2014

193. LT-0-KAUN-2014-F0390 *Scrophularia nodosa* L.
Spont.: LT, Kaunas District Municipality, Vaišvydava forest, 2014

194. 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)

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

SOLANACEAE

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

VIOLACEAE

197. LT-1-KAUN-2016-F0460 *Viola stagnina* Schult.
Spont.: LT, Alytus District Municipality, Žuvintas Biosphere Reserve, 2016

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



SEEDS COLLECTED IN THE WILD SEMINA IN NATURA COLLECTA

Lazdijai District Municipality, Krikštonys 54° 12' 47", 23° 56' 48"

199. LT-0-KAUN-2019-F0039 *Anemone sylvestris* L.
200. LT-0-KAUN-2019-F0019 *Anthyllis vulneraria* L.
201. LT-0-KAUN-2019-F0013 *Berteroa incana* (L.) DC.
202. LT-0-KAUN-2019-F0007 *Centaurea rhenana* Boreau
203. LT-0-KAUN-2019-F0029 *Festuca psammophila* (Hack. ex Čelak.) Fritsch
204. LT-0-KAUN-2019-F0010 *Helichrysum arenarium* (L.) Moench
205. LT-0-KAUN-2019-F0024 *Oxytropis pilosa* (L.) DC.
206. LT-0-KAUN-2019-F0015 *Scabiosa ochroleuca* L.

Lazdijai District Municipality, Krikštonys, Nemunas River valley 54° 12' 54", 23° 57' 17"

207. LT-0-KAUN-2019-F0003 *Libanotis montana* Crantz
208. LT-0-KAUN-2019-F0038 *Phleum pratense* L.
209. LT-0-KAUN-2019-F0028 *Veronica longifolia* L.

Lazdijai District Municipality, Noragėliai eldership 54° 13' 35", 23° 55' 47"

210. LT-0-KAUN-2019-F0040 *Agrimonia eupatoria* L.
211. LT-0-KAUN-2019-F0021 *Astragalus glycyphyllos* L.
212. LT-0-KAUN-2019-F0030 *Briza media* L.
213. LT-0-KAUN-2019-F0006 *Carlina vulgaris* L.

Kelmė District Municipality, Tytuvėnai eldership, Kušeliškė 55° 28' 28", 23° 09' 25"

214. LT-0-KAUN-2019-F0001 *Aegopodium podagraria* L.
215. LT-0-KAUN-2019-F0020 *Anthyllis vulneraria* L.
216. LT-0-KAUN-2019-F0022 *Astragalus glycyphyllos* L.
217. LT-0-KAUN-2019-F0031 *Briza media* L.
218. LT-0-KAUN-2019-F0008 *Centaurea scabiosa* L.
219. LT-0-KAUN-2019-F0016 *Dianthus deltoides* L.
220. LT-0-KAUN-2019-F0012 *Leontodon hispidus* L.
221. LT-0-KAUN-2019-F0043 *Potentilla argentea* L.

Raseiniai District Municipality, Kiečiai 55° 19' 57", 23° 12' 06"

222. LT-0-KAUN-2019-F0033 *Dactylis glomerata* L.
223. LT-0-KAUN-2019-F0041 *Geum urbanum* L.
224. LT-0-KAUN-2019-F0014 *Knautia arvensis* (L.) Coul.

- 225. LT-0-KAUN-2019-F0017 *Lychnis flos-cuculi* L.
- 226. LT-0-KAUN-2019-F0044 *Scrophularia nodosa* L.
- 227. LT-0-KAUN-2019-F0046 *Solanum dulcamara* L.
- 228. LT-0-KAUN-2019-F0025 *Vicia cracca* L.

Prienai District Municipality, Čiurliai 54° 45' 54", 23° 44' 45"

- 229. LT-0-KAUN-2019-F0002 *Aegopodium podagraria* L.
- 230. LT-0-KAUN-2019-F0032 *Briza media* L.
- 231. LT-0-KAUN-2019-F0034 *Dactylis glomerata* L.
- 232. LT-0-KAUN-2019-F0023 *Lathyrus pratensis* L.
- 233. LT-0-KAUN-2019-F0011 *Leucanthemum vulgare* Lam.
- 234. LT-0-KAUN-2019-F0018 *Lychnis flos-cuculi* L.
- 235. LT-0-KAUN-2019-F0027 *Plantago major* L.

Jurbarkas District Municipality, Skirsnemunė eldership 55° 06' 49", 22° 57' 26"

- 236. LT-0-KAUN-2019-F0042 *Geum urbanum* L.
- 237. LT-0-KAUN-2019-F0037 *Melica nutans* L.

Kaunas City Municipality, Freda 54° 52' 2", 23° 54' 31"

- 238. LT-0-KAUN-2019-F0004 *Arctium tomentosum* Mill.
- 239. LT-0-KAUN-2019-F0005 *Artemisia vulgaris* L.
- 240. LT-0-KAUN-2019-F0009 *Cirsium vulgare* (Savi) Ten.
- 241. LT-0-KAUN-2019-F0035 *Dactylis glomerata* L.
- 242. LT-0-KAUN-2019-F0045 *Datura stramonium* L.
- 243. LT-0-KAUN-2019-F0036 *Deschampsia cespitosa* (L.) P. Beauv.
- 245. LT-0-KAUN-2019-F0026 *Hypericum perforatum* L.
- 246. LT-0-KAUN-2019-F0047 *Typha latifolia* L.



Vytautas Magnus University. Botanical Garden (Kaunas)
Ž. E. Žilibero Str. 4
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/pen/>



Agreement on the supply of living plant material¹ 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.

I accept the above conditions

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

¹According 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.