**BOTANICAL GARDEN**

**OF VYTAUTAS MAGNUS UNIVERSITY, KAUNAS**

***HORTUS BOTANICUS***

***UNIVERSITATI VYTAUTI MAGNI, KAUNAS***



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**2017**

##### 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 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 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.

**Sector of Pomology**

Collection contains 539 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.

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

**Lithuanian rare and endangered plant** exposition was established in 2016. 30 examples of plant species were planted.

**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, 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.

***P I N O P H Y T A***

*CUPRESSACEAE*

1. XX-0-KAUN-1961-D0310 *Chamaecyparis lawsoniana* (A. Murray) Parl.

BG University of Latvia, Riga, LV, 1961

2. XX-0-KAUN-1998-D0786 *Juniperus communis* L.'Meyeri'

Nursery Garden Baltezers, Riga district, LV, 1998

3. XX-0-KAUN-1982-D0402 *Chamaecyparis pisifera* (Siebold et Zucc.) Endl. 'Filifera'

Dubrava Arboretum, Kaunas district, Vaišvydava, LT, 1982

4. XX-0-KAUN-1950-D1797 *Thuja occidentalis* L.

BG University of Latvia, Riga, LV, 1950

5. XX-0-KAUN-19XX-D1734 *Thuja occidentalis* L. 'Dumosa'

Unknown origin

6. XX-0-KAUN-19XX-D1736 *Thuja occidentalis* L. 'Elegantissima'

Unknown origin

7. XX-0-KAUN-19XX-D1765 *Thuja occidentalis* L. 'Globosa'

Unknown origin

8. XX-0-KAUN-19XX-D1752 *Thuja occidentalis* L. 'Hoveyi'

Unknown origin

9. XX-0-KAUN-1996-D1778 *Thuja occidentalis* L. 'Smaragd'

Nursery Garden Baltezers, Riga district, LV, 1996

*PINACEAE*

10. XX-0-KAUN-19XX-D0006 *Abies alba* Mill.

Unknown origin

11. XX-0-KAUN-19XX-D1918 *Abies cephalonica* Loudon

Unknown origin

12. XX-0-KAUN-19XX-D0021 *Abies koreana* E. H. Wilson 'Molli'

Unknown origin

13. XX-0-KAUN-1926-D0898 *Larix decidua* Mill.

Exact data unknown, Berlin, DE, 1926

14. XX-0-KAUN-1926-D0904 *Larix kaempferi* (Lamb.) Carrière

Exact data unknown, Berlin, DE, 1926

15. XX-0-KAUN-1926-D0902 *Larix ×marschlinsii* Coaz.

Exact data unknown, DE, 1926

16. XX-0-KAUN-19XX-D0909 *Larix sibirica* Ledeb.

Unknown origin

17. XX-0-KAUN-2013-D1058 *Picea abies* (L.) H. Karst. 'Acrocona'

Terra Animalis Ltd, Kaunas district, LT, 2013

18. XX-0-KAUN-19XX-D1061 *Picea abies* (L.) H. Karst. 'Cranstonii'

Unknown origin

19. XX-0-KAUN-1961-D1063 *Picea abies* (L.) H. Karst. 'Fastigiata'

BG University of Latvia, Riga, LV, 1961

20. XX-0-KAUN-19XX-D1076 *Picea abies* (L.) H. Karst. 'Pendula Aurea'

Unknown origin

21. XX-0-KAUN-19XX-D1084 *Picea abies* (L.) H. Karst.'Virgata'

Unknown origin, 1926

22. XX-0-KAUN-1928-D1091 *Picea glauca* (Moench) Voss

Späth Arboretum of Humbolt University of Berlin, DE, 1928

23. XX-0-KAUN-1960-D1103 *Picea mariana* (Mill.) Britton, Sterns et Poggenb.

Unknown origin, 1960

24. XX-0-KAUN-1926-D1107 *Picea omorika* (Pančić) Purk.

Späth Arboretum of Humbolt University of Berlin, DE, 1926

25. XX-0-KAUN-19XX-D1112 *Picea pungens* Engelm.

Unknown origin

26. XX-0-KAUN-19XX-D1114 *Picea pungens* Engelm. 'Argentea'

Unknown origin

27. XX-0-KAUN-1997-D1121 *Picea rubens* Sarg.

Unknown origin, 1977

28. XX-0-KAUN-19XX-D1135 *Pinus armandii* Franch.

Unknown origin

29. XX-0-KAUN-19XX-D1146 *Pinus koraiensis* Siebold et Zucc.

Unknown origin

30. XX-0-KAUN-19XX-D1171 *Pinus mugo* Turra var. *pumilio* (Haenke) Zenari

Unknown origin

31. XX-0-KAUN-1978-D1177 *Pinus peuce* Griseb.

# Unknown origin, 1978

32. XX-0-KAUN-1926-D1173 *Pinus strobus* L.

Späth Arboretum of Humbolt University of Berlin, DE, 1926

33. XX-0-KAUN-1982-D1303 *Pseudotsuga menziesii* (Mirb.) Franco var. *glauca* (Mayr) Franco

Unknown origin, 1982

34. XX-0-KAUN-19XX-D1840 *Tsuga canadensis* (L.) Carrière

Unknown origin

*TAXACEAE*

35. XX-0-KAUN-19XX-D1680 *Taxus baccata* L.

Unknown origin

36. XX-0-KAUN-19XX-D1685 *Taxus baccata* L. 'Dovastonii Aurea'

Unknown origin

***M A G N O L I O P H Y TA***

*ACANTHACEAE*

37. XX-0-KAUN-1983-PF0003 *Acanthus longifolius* Poir.

Exact data unkown, Krakow, PL, 1983

*ACERACEAE*

38. XX-0-KAUN-19XX-D0041 *Acer cappadocicum* Gled.

Unknown origin

39. XX-0-KAUN-1987-D0044 *Acer circinatum* Pursh

Unknown origin, 1987

40. XX-0-KAUN-1982-D0063 *Acer mono* Maxim.

Exact data unknown, Minsk, BY, 1982

41. XX-0-KAUN-19XX-D0064 *Acer mono* Maxim. var. *savatieri* (Pax) Nakai

Exact data unknown, Černovcy, UA, 1984

42. XX-0-KAUN-19XX-D2101 *Acer pseudoplatanus* L.

Unknown origin

*ADOXACEAE*

43. XX-0-KAUN-1997-O0003 *Sambucus nigra* L.

Unknown origin, 1997

44. XX-0-KAUN-19XX-D1572 *Sambucus nigra* L. 'Laciniata'

Unkown origin

45. XX-0-KAUN-1951-D1854 *Viburnum lantana* L.

N. V. Tsitsin Main BG of Russian Academy of Sciences, RU, 1951

46. XX-0-KAUN-1966-D1857 *Viburnum lantana* L. 'Variegatum'

Unknown origin, 1966

47. XX-0-KAUN-1964-D1861 *Viburnum opulus* L.

Unkown origin, 1964

48. XX-0-KAUN-1980-O0004 *Viburnum opulus* L.

 Unknown origin, 1980

49. XX-0-KAUN-19XX-D1871 *Viburnum opulus* L. 'Xanthocarpum'

Unknown origin

50. XX-0-KAUN-1968-D1867 *Viburnum rhytidophyllum* Hemsl.

Unknown origin, 1968

51. XX-0-KAUN-1999-D1852 *Viburnum sargentii* Koehne

Unknown origin, 1999

*AMARANTHACEAE*

52. XX-0-KAUN-2002-AR0010 *Amaranthus retroflexus* L.

Unknown origin, 2002

53. XX-0-KAUN-2014- O0480 *Amaranthus retroflexus* L.

Agrofirma Sėklos Ltd, Vilnius, LT, 2014

54. XX-0-KAUN-2011-AR0057 *Atriplex hortensis* L.

 BG La Gacilly, FR, 2011

55. XX-0-KAUN-1995-AR0060 *Chenopodium bonus-henricus* L.

Unknown origin, 1995

56. XX-0-KAUN-2012-AR0063 *Dysphania ambrosioides* (L.) Mosyakin et Clemants

BG Kiel University, DE, 2012

57. XX-0-KAUN-1952-AR0058 *Spinacia oleracea* L.

Unknown origin, 1952

*AMARYLLIDACEAE*

58. XX-0-KAUN-2013-MON0001 *Allium albopilosum* Wright

Nojus Ltd, Ringaudai, LT, 2013

59. LT-1-KAUN-1995-F0001 *Allium angulosum* L.

Spont.: LT, Varėna district municipality, Dzūkija National Park, 1995

60. XX-0-KAUN-1990-AR0004 *Allium galanthum* Kar. et Kir.

Unknown origin, 1990

61. XX-0-KAUN-1973-F0003 *Allium ledebourianum S*chult. et Schult. f.

BG of Adam Mickiewicz University, Poznań, PL, 1973

62. XX-0-KAUN-1999-AR0005 *Allium macleanii* Baker

Unknown origin, 1999

63. XX-0-KAUN-2010-AR0008 *Allium moly* L.

Unknown origin, 2010

64. XX-0-KAUN-19XX-F0005 *Allium narcissifolium* (L.) Scop.

Unknown origin

65. XX-0-KAUN-1976-AR0007 *Allium nutans* L.

Unknown origin, 1976

66. XX-0-KAUN-1961-F0009 *Allium nutans* L.

Unknown origin, 1961

67. XX-0-KAUN-19XX-MON0013 *Allium neapolitanum* Cirillo

Unknown origin

68. XX-0-KAUN-19XX-MON0015 *Allium obliquum* L.

Unknown origin

69. XX-0-KAUN-1977-F0010 *Allium ramosum* L.

Unknown origin, 1977

70. XX-0-KAUN-1963-AR0006 *Allium schoenoprasum* L.

Unknown origin, 1963

71. XX-0-KAUN-2000-MON0020 *Allium sphaerocephalon* L.

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, Gabšiai, LT, 2000

72. XX-0-KAUN-1976-O0009 *Leucojum aestivum* L.

Unknown origin, 1976

*ANACARDIACEAE*

73. XX-0-KAUN-19XX-D0489 *Cotinus coggygria* Scop.

Unknown origin

*APIACEAE*

74. XX-0-KAUN-1996-O0012 *Ammi majus* L.

Medicinal Plants Garden of Medical University of Łódź, 1996

75. XX-0-KAUN-19XX-F0023 *Astrantia major* L.

Unknown origin

76. XX-0-KAUN-1924-O0015 *Angelica archangelica* L.

Unknown origin, 1924

77. XX-0-KAUN-1974-AR0015 *Anthriscus cerefolium* (L.) Hoffm.

BG of Lomonosov Moscow State University, RU, 1974

78. XX-0-KAUN-1925-O0016 *Carum carvi* L.

Unknown origin, 1925

79. EE-KAUN-2015-F0424 *Conium maculatum* L.

BG of Tartu University, EE, 2015: EE, Tartumaa, Tartu Community, Tila, 2014

80. XX-0-KAUN-1933-O0018 *Conium maculatum* L.

Unknown origin, 1933

81. XX-0-KAUN-1969-O0019 *Coriandrum sativum* L.

Unknown origin, 1969

82. LT-1-KAUN-2007-O0021 *Eryngium maritimum* L.

Spont.: LT, Palanga town municipality, 2007

83. XX-0-KAUN-1980-O0022 *Eryngium planum* L.

Unknown origin, 1980

84. XX-0-KAUN-19XX-F0029 *Eryngium planum* L.

Unknown origin

85. XX-0-KAUN-1969-O0023 *Foeniculum vulgare* Mill.

A. V. Fomin BG of Taras Shevchenko National University, Kiev, UA, 1969

86. LT-0-KAUN-2014-F0031 *Heracleum sibiricum* L.

Spont.: LT, Kaunas district municipality, Vaišvydava forest, 2014

87. XX-0-KAUN-1980-O0024 *Laser trilobum* Borkh.

 Unknown origin, 1980

88. LT-1-KAUN-2013-O0025 *Laserpitium latifolium* L.

Spont.: LT, Mažeikiai district municipality, Gyvoliai, 2013

89. XX-0-KAUN-1964-O0026 *Levisticum officinale* W. D. J. Koch

Institute of Horticulture of Lithuanian Research Centre for Agriculture and Forestry, Babtai, LT, 1964

90. XX-0-KAUN-1968-O0027 *Myrrhis odorata* (L.) Scop.

BG of Poltava V. G. Korolenko National Pedagogical University, UA, 1968

91. XX-0-KAUN-1968-AR0021 *Pastinaca sativa* L.

BG of Institute of Natural Fibres and Medicinal Plant, Plewiska, PL, 1968

92. XX-0-KAUN-19XX-F0035 *Peucedanum officinale* L.

Unknown origin, 1990

93. XX-0-KAUN-2005-O0031 *Peucedanum verticillare* (L.) W. J. D.Koch et DC.

Pharmacognostic Garden of Lublin Medicinal Academy, PL, 2005

94. XX-0-KAUN-2011-O0030 *Pimpinella saxifraga* L.

BG of Institute of Natural Fibres and Medicinal Plant, Plewiska, PL, 2011

95. XX-0-KAUN-2014-O0463 *Sium sisarum* L.

National BG of Latvia, Salaspils, LV, 2014

*APOCYNACEAE*

96. XX-0-KAUN-19XX-F0037 *Amsonia angustifolia* Michx.

Unknown origin

97. XX-0-KAUN-1982-AR0024 *Asclepias syriaca* L. (pl. viv.)

Unknown origin, 1982

98. XX-0-KAUN-1968-F0039 *Vinca herbacea* Waldst. et Kit. (pl. viv.)

Unknown origin, 1968

99. XX-0-KAUN-2000-PF0029 *Vinca minor* L. (pl. viv.)

Unknown origin, 2000

100. XX-0-KAUN-19XX-F0041 *Vincetoxicum fuscatum* Endl.

Unknown origin

101. XX-0-KAUN-1988-PF0039 *Vincetoxicum roseum* Benth. et Hook. f.

Unknown origin, 1988

*ARALIACEAE*

102. XX-0-KAUN-1960-O0040 *Aralia elata* (Miq.) Seem. var. *mandshurica* (Rupr. et Maxim.) J. Wen

Unknown origin, 1960

103. XX-0-KAUN-1960-O0037 *Eleutherococcus henryi* Oliv.

Unknown origin, 1960

104. XX-0-KAUN-1960-O0039 *Eleutherococcus sessiliflorus* (Rupr. et Maxim.) S. Y. Hu

Unknown origin, 1960

105. LT-1-KAUN-1994-O0041 *Hedera helix* L. (pl. viv.)

Spont.: LT, Kaišiadorys district municipality, Kaukinė forest, 1994

*ARISTOLOCHIACEAE*

106. XX-0-KAUN-1940-O0042 *Aristolochia clematitis* L.

Unknown origin, 1940

*ASPARAGACEAE*

107. XX-0-KAUN-1959-F0046 *Anthericum liliago* L.

Unknown origin, 1959

108. XX-0-KAUN-1977-F0047 *Anthericum ramosum* L.

BG University of Tübingen, DE, 1997

109. XX-0-KAUN-1980-O0157 *Convallaria keiskei* Miq.

Unknown origin, 1980

110. LT-0-KAUN-1980-O0158 *Convallaria majalis* L.

Spont.: LT, Kaunas city municipality, Jiesia, 1980

111. XX-0-KAUN-19XX-HOS0013 *Hosta sieboldiana* Engl.

Unknown origin

112. XX-0-KAUN-19XX-HOS0001 *Hosta elata* Hyl.

Unknown origin

*ASTERACEAE*

113. XX-0-KAUN-1981-PF0064 *Achillea filipendulina* Lam.

Exact data unknown, CZ, 1981

114. XX-0-KAUN-2008-O0055 *Achillea grandiflora* M. Bieb.

BG of the Jagiellonian University, Kraków, PL, 2008

115. XX-0-KAUN-2010-O0057 *Achillea macrophylla* L.

Unknown origin, 2010

116. XX-0-KAUN-2008-O0060 *Achillea ptarmica* L.

Alexandru Borza BG, University Babeş-Bolyai, Cluj-Napoca, RO, 2008

117. XX-0-KAUN-2013-F0055 *Achillea ptarmica* L. subsp. *ptarmica*

BG **Maria Curie** − **Skłodowska University, Lublin, PL, 2013**

118. XX-0-KAUN-2006-O0061 *Achillea tenuifolia* Lam.

BG of the University of Pisa, IT, 2006

119. XX-0-KAUN-2003-O0091 *Ageratina aromatica* (L.) Spach

Unknown origin, 2003

120. XX-0-KAUN-19XX-F0056 *Antennaria alpina* (L.) Gaertn.

Unknown origin

121. XX-0-KAUN-1978-F0057 *Antennaria plantaginifolia* (L.) Hook.

BG of Wroclaw University, PL, 1978

122. LT-0-KAUN-1987-O0064 *Arctium lappa* L.

Spont.: LT, Kaunas city municipality, Jiesia, 1987

123. XX-0-KAUN-2012-O0066 *Arctium minus* (Hill.) Bernh.

BG of Potsdam University, DE, 2012

124. XX-0-KAUN-1970-O0067 *Arnica chamissonis* Less.

Unknown origin, 1970

125. XX-0-KAUN-1951-O0069 *Artemisia absinthium* L.

Unknown origin, 1951

126. XX-0-KAUN-2014-PF0110 *Aster ageratoides* Turcz. 'Adustus Nanus'

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, Gabšiai, LT, 2014

127. XX-0-KAUN-2012-PF0121 *Aster amellus* L.

BG of Martin Luther University of Halle-Wittenberg, DE, 2012

128. XX-0-KAUN-1961-F0059 *Aster linosyris* Benth.

Späth Arboretum of Humboldt University of Berlin, DE 1961

129. XX-0-KAUN-2014-PF0212 *Aster umbellatus* Mill.

National BG of Latvia, Salaspils, LV, 2014

130. XX-0-KAUN-2014-PF0214 *Aster* L. 'Costwold Gem'

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, Gabšiai, LT, 2015

131. XX-0-KAUN-1960-O0074 *Atractylodes lancea* (Thunb.) DC.

BG of Potsdam University, DE, 1960

132. LT-0-KAUN-1978-O0076 *Bidens tripartita* L.

Spont.: LT, Kaunas BG of Vytautas Magnus University, 1978

133. XX-0-KAUN-1980-O0078 *Calendula officinalis* L.

BG of Lomonosov Moscow State University, RU, 1980

134. XX-0-KAUN-1980-AR0029 *Centaurea benedicta* (L.) L.

Unknown origin, 1980

135. XX-0-KAUN-1924-O0049 *Chamaemelum nobile* (L.) All.

Unknown origin, 1924

136. XX-0-KAUN-2014-AR0028 *Cichorium intybus* L.

Erika Šeinauskienė private collection, Kaunas district municipality, Mastaičiai, LT, 2014

137. XX-0-KAUN-1988-PF0241 *Coreopsis palmata* Nutt.

Unknown origin, 1988

138. XX-0-KAUN-1980-O0079 *Cyanus segetum* Hill

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1980

139. XX-0-KAUN-1996-O0084 *Echinacea angustifolia* DC.

BG of Canton du Jura Porentruy, CH, 1996

140. XX-0-KAUN-2013-PF0249 *Echinacea paradoxa* (Norton) Britton

BG of Nature Research and Environmental Education Marijampolė, LT, 2013

141. US-0-KAUN-1960-O0087 *Echinacea purpurea* (L.) Moench

Exact data unkown, northern part of the US, 1960

142. XX-0-KAUN-2012-PF0253 *Echinacea purpurea* (L.) Moench 'Alba'

Edita Turskienė private collection, Kaunas, LT, 2012

143. XX-0-KAUN-2015-PF1899 *Echinacea purpurea* (L.) Moench 'Fatal Attraction'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2015

144. XX-0-KAUN-2013-PF0260 *Echinacea purpurea* (L.) Moench 'Hot Lava'

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2013

145. XX-0-KAUN-2013-PF0264 *Echinacea purpurea* (L.) Moench 'Leilani'

 Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2013

146. XX-0-KAUN-2014-PF0268 *Echinacea purpurea* (L.) Moench 'Milkshake'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2014

147. XX-0-KAUN-2010-O0089 *Echinacea tennesseensis* (Beadle) Small

BG of the Faculty of Science of University, Brno, CZ, 2010

148. XX-0-KAUN-19XX-F0068 *Echinops persicus* Steven ex DC.

Unknown origin

149. XX-0-KAUN-1960-O0090 *Echinops ritro* L.

Unknown origin, 1960

150. XX-0-KAUN-1981-AR0031 *Echinops sphaerocephalus* L.

BG of Petrozavodsk State University, RU, 1981

151. XX-0-KAUN-1982-PF0302 *Eriophyllum lanatum* (Pursh) J. Forbes

Exact data unkown, RU, 1989

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

 Spont.: LT, Utena district municipality, Aukštaitija National Park, Vaišnoriškė, 1995

153. XX-0-KAUN-2015-PF1926 *Eupatorium dubium* Willd. ex Poir. 'Little Joe'

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, Gabšiai, LT, 2015

154. XX-0-KAUN-2015-PF1927 *Eupatorium maculatum* L. 'Album'

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, Gabšiai, LT, 2015

155. XX-0-KAUN-2014-PF0306 *Eupatorium maculatum* L. 'Gateway'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2014

156. XX-0-KAUN-2003-O0082 *Glebionis segetum* (L.) Fourr.

BG of Strasbourg University, FR, 2003

157. XX-0-KAUN-1973-O0094 *Grindelia squarrosa* (Pursh) Dunal

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1973

158. 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

159. XX-0-KAUN-19XX-PF0321 *Helenium autumnale* L. 'Spätrose'

 Unknown origin

160. XX-0-KAUN-2004-O0097 *Helianthus annuus* L.

Agrofirma Sėklos Ltd, Kaunas, LT, 2004

161. XX-0-KAUN-2015-PF1983 *Heliopsis helianthoides* (L.) Sweet 'Prairie Sunset'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2015

162. LT-0-KAUN-1989-F0072 *Pilosella officinarum* F. W. Schultz et Sch. Bip.

Spont.: LT, Kazlų Rūda district municipality, Jūrė, 1989

163. XX-0-KAUN-1997-PF0363 *Inula germanica* L.

Späth Arboretum of Humboldt University of Berlin, DE, 1997

164. XX-0-KAUN-1926-O0095 *Inula helenium* L.

Unknown origin, 1926

165. XX-0-KAUN-1996-O0099 *Lapsana communis* L.

Unknown origin, 1996

166. XX-0-KAUN-1977-F0078 *Ligularia dentata* (A. Gray) H. Hara

BG of University of Graz, AT, 1977

167. XX-0-KAUN-2014-PF0438 *Ligularia przewalskii* (Maxim.) Diels 'Dragon Wings'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2014

168. XX-0-KAUN-2012-PF0440 *Ligularia stenocephala* (Maxim.) Matsum. et Koidz.'Little Rocket'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2012

169. XX-0-KAUN-1980-O0102 *Matricaria chamomilla* L.

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1980

170. XX-0-KAUN-2010-O0104 *Onopordum acanthium* L.

Jadvyga Balvočiūtė private collection, Mažeikiai district municipality, Gyvoliai, LT, 2010

171. XX-0-KAUN-2007-O0101 *Rhaponticum canariense* DC.

BG of the Faculty of Science of University, Brno, CZ, 2010

172. XX-0-KAUN-1953-O0106 *Rhaponticum carthamoides* (Willd.) Iljin.

Exact data unknown, West Kazakhstan region, KZ, 1953

173. XX-0-KAUN-19XX-F0080 *Rudbeckia fulgida* Aiton

Unknown origin

174. XX-0-KAUN-1960-O0109 *Serratula tinctoria* L.

Unknown origin, 1960

175. XX-0-KAUN-1978-O0110 *Silybum marianum* (L.) Gaertn.

BG of the L. V. Komarov Botanical Institute, Saint Petersburg, RU, 1978

176. XX-0-KAUN-1961-F0083 *Silphium asteriscus* L.

Späth Arboretum of Humboldt University of Berlin, DE, 1961

177. XX-0-KAUN-2010-AR0037 *Silphium perfoliatum* L.

Unknown origin, DE, 2010

178. XX-0-KAUN-1996-F0085 *Silphium perfoliatum* L.

Unknown origin, 1996

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

Spont.: LT, Kaunas city municipality, Freda, 1979

180. XX-0-KAUN-2014-O0477 *Tagetes patula* L.

Agrofirma Sėklos Ltd, Vilnius, LT, 2014

181. XX-0-KAUN-1971-AR0040 *Tanacetum balsamita* L.

Unknown origin, 1971

182. XX-0-KAUN-2004-O0113 *Tanacetum coccineum* (Willd.) Grierson

Unknown origin, 2004

183. XX-0-KAUN-1980-F0088 *Tanacetum corymbosum* (L.) Sch. Bip.

A. V. Fomin BG of Taras Shevchenko National University, Kiev, UA, 1980

184. XX-0-KAUN-1973-F0089 *Tanacetum* *leptophyllum* (M. Bieb.) Sch. Bip.

BG of Adam Mickiewicz University, Poznań, PL, 1977

185. XX-0-KAUN-2016-O0615 *Tanacetum parthenium* (L.) Sch.Bip.

BG of Lodz, PL, 2016

186. XX-0-KAUN-2015-O0569 *Tanacetum uralense* (Krasch.) Tzvelev

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, LT, 2015

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

Spont.: LT, Kaunas city municipality, Freda, 1978

188. XX-0-KAUN-2014-PF0498 *Vernonia baldwinii* Torr.

National BG of Latvia, Salaspils, LV, 2014

189. XX-0-KAUN-2000-PF0499 *Vernonia fasciculata* Michx.

 BG of Adam Mickiewicz University, Poznań, PL, 2000

*BERBERIDACEAE*

190. XX-0-KAUN-1971-D0155 *Berberis amurensis* Rupr.

Späth Arboretum of Humbolt University of Berlin, DE,1971

191. XX-0-KAUN-19XX-D0174 *Berberis thunbergii* DC. 'Red Chief'

Unknown origin

192. XX-0-KAUN-1980-O0120 *Berberis vulgaris* L.

Unknown origin, 1980

193. XX-0-KAUN-2003-O0123 *Podophyllum peltatum* L.

BG of Institute of Natural Fibres and Medicinal Plant, Poznan, PL, 2003

194. XX-0-KAUN-1956-O0122 *Sinopodophyllum hexandrum* (Royle) T. S. Ying

Unknown origin, 1956

*BETULACEAE*

195. XX-0-KAUN-1990-D0195 *Betula pendula* Roth 'Youngii'

Dubrava Arboretum, Kaunas district, Vaišvydava, LT, 1990

196. XX-0-KAUN-2015-D1991 *Betula utilis* D. Don

Juragių medelynas Ltd, Kaunas district municipality, Tvarkiškiai village, LT, 2015

197. XX-0-KAUN-19XX-D0259 *Carpinus betulus* L.

Unknown origin

198. XX-0-KAUN-1928-D0261 *Carpinus betulus* L.'Fastigiata'

Unknown origin, 1928

199. XX-0-KAUN-19XX-D1011 *Ostrya virginiana* Scop. (Mill.) K. Koch

Unknown origin

*BIGNONIACEAE*

200. XX-0-KAUN-1978-D0279 *Catalpa ovata* G. Don

Exact data unknown, Zagreb, HR, 1978

201. XX-0-KAUN-19XX-D0271 *Catalpa bignonioides* Walter

Unknown origin

*BORAGINACEAE*

202. LT-0-KAUN-2005-O0126 *Anchusa officinalis* L.

Spont.:LT, Kaunas city municipality, Freda, 2005

203. XX-0-KAUN-1949-O0128 *Borago officinalis* L.

Unknown origin, 1949

204. XX-0-KAUN-1990-O0127 *Cynoglossum officinale* L.

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1990

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

Spont.: LT, Kaunas city municipality, Freda, 2014

206. XX-0-KAUN-1964-F0098 *Lithospermum officinale* L.

BG of Technical University, Dresden, DE, 1964

207. XX-0-KAUN-1994-O0129 *Lithospermum officinale* L.

BG Caen, FR, 1994

208. XX-0-CLA-1440\BESN2004 *Phacelia congesta* Hook.

Agrobotanic Garden University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, RO, 2015

209. XX-0-KAUN-1980-AR0072 *Phacelia tanacetifolia* Benth.

Central BG of National Academy Sciences of Belarus, Minsk, BY, 1980

*BRASSICACEAE*

210. XX-0-KAUN-2015-F0406 *Aethionema grandiflorum* Boiss. et Hohen.

BG Teplice, CZ, 2015

211. XX-0-KAUN-2013-O0133 *Alliaria petiolata* (M. Bieb.) Cavara et Grande

BG of Martin Luther University of Halle-Wittenberg, DE, 2013

212. XX-0-KAUN-2008-PF0530 *Alyssum montanum* L.

BG and Arboretum Mendel University, Brno, CZ, 2008

213.XX-0-2009-G-5285 *Arabis stelleri* DC. var. *japonica* (A. Gray) F. Schmidt

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2014: BG of the University of Hohenheim, DE

214. XX-0-KAUN-1975-F0104 *Aubrieta* ×*hybrida* Hausskn.

BG University of Latvia, Riga, LV, 1975

215. XX-0-KAUN-2010-PF0562 *Aubrieta pinardii* Boiss.

BG Munich-Nymphenburg, DE, 2010

216. XX-0-KAUN-1977-F0106 *Aurinia saxatilis* (L.) Desv.

BG of Wroclaw University, PL, 1977

217. XX-0-KAUN-2001-AR0043 *Brassica juncea* (L.) Czern.

BG of Lomonosov Moscow State University, RU, 2001

218. XX-0-KAUN-2011-AR0044 *Brassica nigra* (L.) W. D. J. Koch

BG La Gacilly, FR, 2011

219. XX-0-KAUN-2011-AR0162 *Bunias orientalis* L*.*

Unknown origin, 2011

220. XX-0-KAUN-2005-AR0047 *Crambe maritima* L.

BG of Duisburg-Hamborn, DE, 2005

221. XX-0-MARIJ-2012-G-12190 *Erysimum perowskianum* Fisch. et C. A. Mey.

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2014: BG Jena, DE

222. XX-0-KAUN-1987-PF0569 *Erysimum pulchellum* J. Gay

Unknown origin, 1987

223. XX-0-KAUN-1998-F0112 *Hesperis matronalis* L.

Unknown origin, 1998

224. XX-0-KAUN-2010-F0113 *Hesperis sibirica* L.

Ecological BG of University of Bayreuth, DE, 2010

225. XX-0-KAUN-2013-F0114 *Iberis gibraltarica* L.

BG Teplice, CZ, 2013

226. XX-0-KAUN-1990-F0118 *Isatis tinctoria* L.

Unknown origin, 1990

227. XX-0-KAUN-1976-AR0050 *Lepidium sativum* L.

Institute of Botany of Nature Research Centre, Vilnius, LT, 1976

228. XX-0-KAUN-2003-O0135 *Lunaria annua* L.

Agrofirma Sėklos Ltd, Vilnius, LT, 2003

229. XX-0-KAUN-1924-AR0053 *Sinapis alba* L.

Unknown origin, 1924

230. LT-0-KAUN-2003-O0137 *Sisymbrium officinale* (L.) Scop.

Spont.: LT, Kaunas city municipality, Freda, 2003

231. LT-0-KAUN-2004-O0136 *Thlaspi arvense* L.

Spont.: LT, Kaunas city municipality, Freda, 2004

*CAMPANULACEAE*

232. XX-0-KAUN-19XX-F0122 *Campanula carpatica* Jacq.

Unknown origin

233. XX-0-KAUN-1988-PF0599 *Campanula hofmannii* (Pantan.) Greuter et Burdet

Unknown origin, 1988

234. XX-0-KAUN-2004-PF0631 *Campanula takesimana* Nakai

BG of the University of Latvia, Riga, LV, 2004

235. XX-0-KAUN-1991-PF0632 *Campanula thyrsoides* L.

BG of the University of Latvia, Riga, LV, 1991

236. XX-0-KAUN-2009-F0132 *Jasione perennis* (L. f.) Lam.

 BG Alpine “Viotte”, Trento, IT, 2009

237. XX-0-KAUN-1979-O0139 *Platycodon grandiflorus* (Jacq.) A. DC.

BG of the Komarov Botanical Institute, Saint Petersburg, RU, 1979

238. XX-0-KAUN-1999-PF0643 *Platycodon grandiflorus* (Jacq.) A. DC. 'Mariesii'

A. V. Fomin BG of Taras Shevchenko National University, Kiev, UA, 1999

*CANNABACEAE*

239. XX-0-KAUN-2003-O0140 *Cannabis sativa* L.

Erika Šeinauskienė private collection, Kaunas district municipality, Mastaičiai, LT, 2003

240. XX-0-KAUN-2001-D0288 *Celtis occidentalis* L.

Späth Arboretum of Humboldt University of Berlin, DE

*CAPRIFOLIACEAE*

241. XX-0-KAUN-19XX-D0003 *Abelia triflora* R. Br.

Unknown origin

242. XX-0-KAUN-19XX-F0135 *Cephalaria gigantea* (Ledeb.) Bobrov

Unknown origin

243. XX-0-KAUN-2010-F0136 *Cephalaria leucantha* Roem. et Schult.

BG University of Ljubljana, SI, 2010

244. XX-0-KAUN-2003-F0138 *Cephalaria tatarica* Schrad. ex Roem. et Schult.

Unknown origin, 2003

245. XX-0-KAUN-2014-O0475 *Dipsacus fullonum* L.

BG of Traupis Basic School, Anykščiai district municipality, LT, 2014

246. XX-0-KAUN-19XX-D0887 *Kolkwitzia amabilis* Graebn.

Unknown origin

247. XX-0-KAUN-1950-D0922 *Lonicera alpigena* L.

Unknown origin, 1950

248. XX-0-KAUN-19XX-D1916 *Lonicera tatarica* L.

Unknown origin

249. XX-0-KAUN-19XX-D0950 *Lonicera tatarica* L. 'Rosea'

Unknown origin

250. XX-0-KAUN-1970-O0142 *Lonicera venulosa* Maxim.subsp. *edulis* (Turcz. ex Freyn) Vorosch.

Unknown origin, 1970

251. XX-0-KAUN-2011-F0140 *Scabiosa japonica* Miq.'Alpina'

Prague BG, CZ, 2011

252. XX-0-KAUN-2007-O0144 *Scabiosa lucida* Vill.

BG of Medicinal Plants of University of Medicine, Wrocław, PL, 2007

253. XX-0-KAUN-19XX-F0141 *Succisa pratensis* Moench

Unknown origin

254. XX-0-KAUN-1967-D1642 *Symphoricarpos albus* (L.) S. F. Blake

Unknown origin, 1967

255. XX-0-KAUN-19XX-D1643 *Symphoricarpos* Duhamel'Magic Berry'

Unknown origin

256. XX-0-KAUN-1983-O0435 *Valeriana officinalis* L.

A. V. Fomin BG of Taras Shevchenko National University, Kiev, UA, 1983

*CARYOPHYLLACEAE*

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

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

258. LT-0-KAUN-1928-O0149 *Saponaria officinalis* L.

Spont.: LT, without locality, 1928

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

Spont.: LT, Pagėgiai municipality, Rambynas Park, 2012

260. XX-0-KAUN-1981-PF0788 *Silene viscaria* (L.) Jess.'Splendens'

BG of Tartu University, EE, 1982

261. XX-0-KAUN-2014-O0451 *Silene vulgaris* (Moench) Garcke

Prague BG, CZ, 2014

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

BG of Tartu University, EE, 2009

263. XX-0-KAUN-2006-F0155 *Silene zawadskii* Fenzl

BG Alpine “Chanousia“ of the Turin University, IT, 2006

*CELASTRACEAE*

264. XX-0-KAUN-1989-O0151 *Euonymus europaeus* L.

Unknown origin, 1989

265. XX-0-KAUN-19XX-D0589 *Euonymus sieboldianus* Blume

Unknown origin

266. XX-0-KAUN-1975-D0590 *Euonymus verrucosus* Scop.

Exact data unknown, LT, 1975

267. XX-0-KAUN-19XX-D1838 *Tripterygium regelii* Sprague et Takeda

Unknown origin

*CERCIDIPHYLLACEAE*

268. XX-0-KAUN-1980-D0294 *Cercidiphyllum japonicum*Siebold et Zucc.

Exact data unknown, JP, 1980

*CORNACEAE*

269. XX-0-KAUN-1965-D0450 *Cornus alba* L.

Unknown origin, LT, 1965

270. XX-0-KAUN-19XX-D0461 *Cornus alba* L.'Sibirica Variegata'

Unknown origin

271. XX-0-KAUN-1978-D0471 *Cornus amomum* Mill.

Nikita BG, Yalta, UA, 1978

272. XX-0-KAUN-1977-D0465 *Cornus mas* L.

Unknown origin, 1977

273. XX-0-KAUN-1960-D0473 *Cornus sericea* L. 'Flaviramea'

Unknown origin, LT, 1960

*CRASSULACEAE*

274. XX-0-KAUN-1979-F0163 *Sedum aizoon* L.

BG of the Comenius University, Bratislava, SK, 1979

*CUCURBITACEAE*

275. XX-0-KAUN-1925-O0164 *Bryonia aspera* Steven ex Ledeb.

Unknown origin, 1925

*CYPERACEAE*

276. XX-0-KAUN-1997-O0153 *Carex brevicollis* DC.

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1997

277. XX-0-KAUN-2004-PF0816 *Carex muskingumensis* Schwein.

Agris Veismanis private arboretum “Kocinici”, Aluksne, LV, 2004

*DIOSCOREACEAE*

278. XX-0-KAUN-1962-O0169 *Dioscorea nipponica* Makino

Unknown origin, 1962

*ELAEAGNACEAE*

279. XX-0-KAUN-1982-O0171 *Hippophae rhamnoides* L.

Unknown origin, 1982

*ERICACEAE*

280. XX-0-KAUN-1995-D0614 *Gaultheria procumbens* L.

BG of Vilnius University, LT, 1995

281. XX-O-KAUN-1998-D0877 *Kalmia angustifolia* L.

BG of Vilnius University, LT, 1998

282. XX-0-KAUN-1996-D1342 *Rhododendron albrechtii* Maxim.

Exact data unknown, DE, 1996

283. XX-0-KAUN-1982-D1381 *Rhododendron degronianum* Carrière subsp. *ykushimanum* Hara

Exact data unknown, DE, 1996

284. XX-0-KAUN-20XX-D2201 *Rhododendron fortunei* Lindl.

Unknown origin

285. XX-0-KAUN-1999-D1419 *Rhododendron micranthum* Turcz.

BG of Justus-Liebig-University, Giessen, DE, 1999

286. XX-0-KAUN-1981-D1421 *Rhododendron minus* Michx.

Exact data unknown, New York, US, 1981

287. XX-0-KAUN-19XX-D1423 *Rhododendron minus* Michx.'Alba'

Unknown origin

288. XX-0-KAUN-19XX-D1437 *Rhododendron pronum* Tagg. et Forrest

Unknown origin

289. XX-0-KAUN-1980-D1452 *Rhododendron schlippenbachii* Maxim.

Exact data unknown, DK, 1980

290. XX-0-KAUN-1975-D1455 *Rhododendron smirnowii* Trautv. ex Regel

Exact data unknown, DE, 1975

291. XX-0-KAUN-19XX-20XX-D2188 *Rhododendron viscosum* (L.) Torr.

Unknown origin

292. XX-0-KAUN-19XX-D1465 *Rhododendron* L. 'Admiral Piet Hein'

Unknown origin

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

Exact data unknown, PL, 1998

294. XX-0-KAUN-1998-D1837 *Tripetaleia bracteata* Maxim.

Exact data unknown, Vilnius, LT, 1998

295. XX-0-KAUN-1999-D1896 *Zenobia pulverulenta* (W. Bartram ex Willd.) Pollard

Exact data unknown, BE, 1999

*EUPHORBIACEAE*

296. XX-0-KAUN-1994-O0175 *Ricinus communis* L.

BG of Justus-Liebig University, Giessen, DE, 1994

*FABACEAE*

297. LT-0-KAUN-2014-F0182 *Anthyllis vulneraria* L.

Spont.: LT, Kaunas district municipality, Viršužiglis, Kaunas lagoon coast, 2014

298. XX-0-KAUN-1975-F0183 *Astragalus cicer* L.

BG University of Bonn, DE, 1975

299. LT-0-KAUN-1982-O0177 *Astragalus glycyphyllos* L.

Spont.: LT, Utena district municipality, Maneičiai, 1982

300. XX-0-KAUN-1961-F0184 *Baptisia australis* (L.) R.

BG University of Oslo, NO, 1961

301. XX-0-KAUN-1960-O0179 *Baptisia australis* (L.) R.

Unknown origin, 1960

302. XX-0-KAUN-19XX-D0256 *Caragana frutex* (L.) K. Koch

Unknown origin

303. XX-0-KAUN-2014-AR0161 *Cicer arietinum* L.

BG of Traupis Basic School, Anykščiai district municipality, LT, 2014

304. XX-0-KAUN-1990-O0180 *Desmodium canadense* (L.) DC.

A. V. Fomin BG of Taras Shevchenko National University, Kiev, UA, 1990

305. XX-0-KAUN-1939-O0181 *Galega officinalis* L.

Unknown origin, 1939

306. XX-0-KAUN-19XX-F0187 *Galega officinalis* L.

Unknown origin

307. XX-0-KAUN-19XX-F0187 *Galega orientalis* Lam.

Unknown origin

308. XX-0-KAUN-1988-O0182 *Genista tinctoria* L.

BG of Lomonosov Moscow State University, RU, 1988

309. XX-0-KAUN-1963-O0183 *Glycine max* (L.) Merr.

Unknown origin, 1963

310. XX-0-KAUN-1965-AR0074 *Lens culinaris* Medik.

BG of Ivan Franko National University of Lviv, UA, 1965

311. LT-0-KAUN-1982-O0235 *Melilotus officinalis* (L.) Lam.

Spont.: LT, Kaunas district municipality, Kačerginė forest, 1982

312. XX-0-KAUN-1965-AR0075 *Onobrychis viciifolia* Scop.

Central BG of National Academy of Sciences, Minsk, BY, 1965

313. LT-0-KAUN-1977-O0186 *Ononis arvensis* L.

Spont.: LT, Kaunas city municipality, Freda, 1977

314. XX-0-KAUN-1999-O0187 *Phaseolus vulgaris* L.

Agrofirma Sėklos Ltd, Vilnius, LT, 1999

315. XX-0-KAUN-1960-D1534 *Robinia luxurians* (Dieck) Rydb.

Unknown origin, 1960

316. XX-0-KAUN-2007-O0191 *Thermopsis alterniflora* Regel et Schmalh.

BG of Strasbourg University, FR, 2007

317. XX-0-KAUN-2008-AR0079 *Trigonella caerulea* (L.) Ser.

Institute of Horticulture of Lithuanian Research Centre for Agriculture and Forestry, Babtai, LT, 2008

318. XX-0-KAUN-1982-O0188 *Trigonella foenum-graecum* L.

Institute of Horticulture of Lithuanian Research Centre for Agriculture and Forestry, Babtai, LT, 1982

*FAGACEAE*

319. XX-0-KAUN-1930-D0594 *Fagus sylvatica* L.

Exact data unknown, Kaliningrad, RU (formerly Königsberg, Prussia), 1930

320. XX-0-KAUN-1986-D0569 *Fagus sylvatica* L. 'Asplenifolia'

Dubrava Arboretum, Kaunas district, Vaišvydava, LT, 1986

321. XX-0-KAUN-1928-1932-D0564 *Fagus sylvatica* L. 'Atropunicea'

Exact data unknown, Kaliningrad, RU (formerly Königsberg, Prussia), 1928-1932

322. XX-0-KAUN-19XX-D2152 *Quercus robur* L.

Unknown origin

*GENTIANACEAE*

323. XX-0-KAUN-2002-PF1028 *Gentiana asclepiadea* L.

BG University Utrecht, NL, 2002

324. LT-0-KAUN-1980-O0194 *Gentiana cruciata* L.

Spont.: LT, Kaišiadorys district municipality, Kaukinė forest, 1980

325. XX-0-KAUN-1924-O0195 *Gentiana lutea* L.

Unknown origin, 1924

*GERANIACEAE*

326. LT-0-KAUN-2013-O0199 *Geranium pratense* L*.*

Spont.: LT, Tauragė district municipality, Pagėgiai, 2013

327. XX-0-KAUN-2007-O0198 *Geranium robertianum* L*.*

Marseille BG, FR, 2007

328. XX-0-KAUN-1999-O0200 *Geranium sanguineum* L.

Unknown origin, 1999

*HAMAMELIDACEAE*

329. XX-0-KAUN-2001-D0475 *Corylopsis pauciflora* Siebold et Zucc.

Rogów Arboretum of Warsaw University of Life Sciences, PL, 2001

*HIPPOCASTANACEAE*

330. XX-0-KAUN-19XX-D0128 *Aesculus hippocastanum* L.

Unknown origin

331. XX-0-KAUN-1977-D0130 *Aesculus glabra* Willd.

Unknown origin, 1977

*HYDRANGEAECEAE*

332. XX-0-KAUN-19XX-D1942 *Philadelphus ×falconeri* Sarg.

Unknown origin

*HYPERICACEAE*

333. XX-0-KAUN-2005-O0207 *Hypericum olympicum* L.

BG Rouen, FR, 2005

334. LT-0-KAUN-1979-O0206 *Hypericum perforatum* L.

Spont.: LT, Kaunas city municipality, Sargėnai, 1979

*IRIDACEAE*

335. XX-0-KAUN-1977-F0214. *Iris lactea* Pall.

Unkown origin, 1977

336. LT-0-KAUN-1974-O0210 *Iris pseudacorus* L.

Spont.: LT, Kaunas BG of Vytautas Magnus University, 1974

337. XX-0-KAUN-1977-F0215 *Iris sibirica* L.

Unknown origin, 1977

*JUGLANDACEAE*

338. XX-0-KAUN-19XX-D0756 *Juglans ailantifolia* Carrière var. *cordiformis* (Maxim.) Rehd.

Unknown origin

339. XX-0-KAUN-19XX-D0744 *Juglans regia* L.

Unknown origin

340. XX-0-KAUN-19XX-D1309 *Pterocarya fraxinifolia* (Lam.) Spach.

Unknown origin

341. XX-0-KAUN-1987-D1308 *Pterocarya tonkinensis* (Franch.) Dode

Exact data unkown, China, CN, 1987

*LAMIACEAE*

342. XX-0-KAUN-1972-O0216 *Agastache foeniculum* (Pursh) Kuntze

A. V. Fomin BG of Taras Shevchenko National University, Kiev, UA, 1972

343. XX-0-KAUN-2015-O0520 *Agastache mexicana* (Kunth) Lint et Epling

Unknown origin, 2015

344. XX-0-KAUN-2013-O0217 *Agastache rugosa* (Fisch. et C. A. Mey.) Kuntze

BG of Heinrich-Heine University, Düesseldorf, DE, 2013

345. XX-0-KAUN-2015-O0557 *Agastache urticifolia* (Benth.) Kuntze

BG of the Urals Branch of Russian Academy of Sciences, Ekaterinburg, RU, 2015

346. XX-0-KAUN-2010-O0221 *Dracocephalum grandiflorum* L.

BG of the Faculty of Science of University, Brno, CZ, 2010

347. XX-0-KAUN-1980-O0220 *Dracocephalum moldavica* L.

BG of the Academy of Sciences of the Republic of Uzbekistan, Tashkent, UZ, 1980

348. XX-0-KAUN-2010-O0222 *Dracocephalum rupestre* Hance

Unknown origin, 2010

349. XX-0-KAUN-2010-O0223 *Dracocephalum ruyschiana* L.

BG Munich-Nymphenburg, DE, 2010

350. XX-0-KAUN-19XX-F0220 *Dracocephalum ruyschiana* L.

Unknown origin

351. XX-0-KAUN-2013-O0226 *Elsholtzia ciliata* (Thunb.) Hyl.

BG of Rheinische Friedrich Wilhelms University, Bonn, DE, 2013

352. XX-0-KAUN-1980-F0222 *Horminum pyrenaicum* L.

BG of Adam Mickiewicz University, Poznań, PL, 1980

353. XX-0-KAUN-1980-O0225 *Hyssopus officinalis* L.

Unkown original, 1980

354. XX-0-KAUN-1924-O0231 *Lavandula angustifolia* Mill.

Unknown original, 1924

355. LT-0-KAUN-1982-O0228 *Leonurus cardiaca* L.

Spont.: LT, Varėna district municipality, Merkinė, 1982

356. XX-0-KAUN-2010-O0229 *Leonurus japonicus* Houtt.

BG of Tartu University, EE, 2010

357. XX-0-KAUN-1981-O0223 *Marrubium vulgare* L.

Unknown origin, 1981

358. XX-0-KAUN-1924-O0234 *Melissa officinalis* L.

Unknown origin, 1924

359. XX-0-KAUN-2014-O0450 *Mentha cervina* L*.* (pl. viv.)

Jadvyga Balvočiūtė private collection, Mažeikiai district municipality, Gyvoliai, LT, 2014

360. LT-1-KAUN-2005-O0241 *Mentha longifolia* (L.) L. (pl. viv.)

Spont.: LT, Kaišiadorys district municipality, Kaukinė forest, 2005

361. 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

362. 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

363. 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

364. 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

365. XX-0-KAUN-2007-O0243 *Mentha spicata* L. (pl. viv.)

Erika Šeinauskienė private collection, Kaunas district municipality, Mastaičiai, LT, 2007

366. XX-0-KAUN-1980-O0237 *Monarda didyma* L.

M. M. Gryshko National BG of the National Academy of Sciences of Ukraine, Kiev, UA, 1980

367. XX-0-KAUN-1977-F0226 *Monarda fistulosa* L.

Unknown origin

368. XX-0-KAUN-1980-O0245 *Nepeta cataria* L.

BG of Lomonosov Moscow State University, RU, 1980

369. LT-0-KAUN-1973-O0252 *Origanum vulgare* L.

Spont.: LT, Kaunas city municipality, Sargėnai, 1973

370. XX-0-KAUN-1997-O0256 *Perilla frutescens* (L.) Britton

BG of Poltava National Pedagogical V. G. Korolenko University, UA, 1997

371. XX-0-KAUN-1971-F0230 *Phlomis tuberosa* L.

BG University of Zagreb, HR, 1971

372. XX-0-KAUN-2005-O0271 *Phlomis tuberosa* L.

BG of Friedrich Schiller University, Jena, DE, 2005

373. XX-0-KAUN-1999-PF1150 *Physostegia virginiana* (L.) Benth. 'Alba'

O. V. Fomin BG of the Taras Shevchenko Kiev National University, UA, 1999

374. LT-1-KAUN-1996-O0257 *Prunella grandiflora* (L.) Jacq.

Spont.: LT, Kaunas city municipality, Freda, 1996

375. LT-0-KAUN-1973-O0258 *Prunella vulgaris* L.

Spont.: LT, Kaunas city municipality, Freda, 1973

376. XX-0-KAUN-2008-O0261 *Salvia amplexicaulis* Lam*.*

BG Maria Curie-Skłodowska University, Lublin, PL, 2008

377. XX-0-KAUN-2008-O0261 *Salvia amplexicaulis* Lam*.*

BG Maria Curie-Skłodowska University, Lublin, PL, 2008

378. XX-0-KAUN-1970-O0262 *Salvia austriaca* Jacq.

BG of the L. V. Komarov Botanical Institute, Saint Petersburg, RU, 1970

379. XX-0-KAUN-1971-O0264 *Salvia jurisicii* Kosanin

BG Antwerp, BE, 1971

380. XX-0-KAUN-1971-O0264 *Salvia jurisicii* Kosanin

BG Antwerp, BE, 1971

381. XX-0-KAUN-1970-O0265 *Salvia nemorosa* L.

BG of the L. V. Komarov Botanical Institute, Saint Petersburg, RU, 1970

382. XX-0-KAUN-1924-O0266 *Salvia officinalis* L.

Unknown origin, 1924

383. XX-0-KAUN-1970-O0267 *Salvia pratensis* L.

BG of Free University of Berlin, DE, 1970

384. XX-0-KAUN-19XX-PF1171 *Salvia pratensis* L*.* f. *rubicunda* (Wenderoth) Voss. Vilm.

Unknown origin

385. XX-0-KAUN-1978-F0236 *Salvia pratensis* L. 'Alba'

BG **Maria Curie-Skłodowska University, Lublin, PL, 1978**

386. XX-0-KAUN-1973-O0269 *Salvia verticillata* L.

Unknown origin, 1973

387. XX-0-KAUN-1963-AR0112 *Satureja hortensis* L.

Central BG of National Academy of Sciences, Minsk, BY, 1963

388. XX-0-KAUN-1964-O0283 *Satureja montana* L.

BG Meise, BE, 1964

389. XX-0-KAUN-1977-O0278 *Scutellaria baicalensis* Georgi

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1977

390. XX-0-KAUN-2008-O0284 *Stachys byzantina* K. Koch

Erika Šeinauskienė private collection, Kaunas district municipality, Mastaičiai, LT 2008

391. LT-0-KAUN-2006-O0286 *Stachys officinalis* (L.) Trevis.

Spont.: LT, Kaišiadorys district municipality, Kaukinė forest, 2008

392. XX-0-KAUN-1985-O0219 *Stachys officinalis* (L.) Trevis.

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1985

393. XX-0-KAUN-1982-PF1184 *Stachys officinalis* (L.) Trevis.'Rosea'

Unknown origin, 1982

394. XX-0-KAUN-2010-O0287 *Stachys recta* L.

Alpine BG “Paradisia”, Cogne, IT, 2010

395. XX-0-KAUN-1971-F0240 *Stachys recta* L.

Unknown origin, 1971

396. XX-0-KAUN-2011-PF1185 *Teucrium canadense* L*.*

Unknown origin

*LILIACEAE*

397. XX-0-KAUN-1986-O0293 *Lilium martagon* L.

Unkown origin, 1986

398. XX-0-KAUN-19XX-LIL0006 *Lilium martagon* L.

Unknown origin

399. XX-0-KAUN-19XX-LIL0013 *Lilium regale* E. H. Wils.

Unknown origin

400. XX-0-KAUN-19XX-B0348 *Tulipa tarda* Stapf

Unknown origin

401. XX-0-KAUN-1996-B0351 *Tulipa turkestanica* Regel

Eugenijus Dambrauskas private collection, Kaunas district municipality, Babtai, LT, 1996

402. XX-0-KAUN-19XX-B0353 *Tulipa urumiensis* Stapf

Unknown origin

*LINACEAE*

403. XX-0-KAUN-2012-PF1196 *Linum perenne* L.

Angelė Žiukienė private collection, Kaunas, LT, 2015

404. XX-0-KAUN-2006-O0295 *Linum usitatissimum* L.

Institute of Horticulture of Lithuanian Research Centre for Agriculture and Forestry, Babtai, LT, 2006

*MALVACEAE*

405. XX-0-KAUN-1967-O0298 *Alcea rosea* L.

Unknown origin, 1967

406. XX-0-KAUN-2007-PF1200 *Alcea ficifolia* L.

Belvedere Alpine Garden, Vienna, AT, 2007

407. XX-0-KAUN-2005-O0299 *Althaea* *cannabina* L.

Jadvyga Balvočiūtė private collection, Mažeikiai district municipality, Gyvoliai, LT, 2005

408. XX-0-KAUN-1978-O0300 *Althaea officinalis* L.

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1978

409. XX-0-KAUN-2016-O0584 *Lavatera thuringiaca* L.

BG of the Natural Sciences Faculty of Charles University, Praha, CZ, 2016

410. XX-0-KAUN-2008-O0301 *Malva sylvestris* L.

BG of Poznan University of Medical Sciences, PL, 2008

*MELANTHIACEAE*

411. XX-0-KAUN-MONO164 *Veratrum lobelianum* Bernh.

Unknown origin

412. XX-0-KAUN-1940-O0303 *Veratrum nigrum* L.

Unknown origin, 1940

*MENISPERMACEAE*

413. XX-0-KAUN-1955-O0305 *Menispermum dahuricum* DC.

Unknown origin, 1955

*OLEACEAE*

414. XX-0-KAUN-1982-D2137 *Fraxinus americana* L.

Conservatory and BG of Geneva, CH, 1982

415. XX-0-KAUN-1985-D2145 *Fraxinus excelsior* L. 'Diversifolia'

Unknown origin, 1985

416. XX-0-KAUN-19XX-D0605 *Fraxinus nigra* Marshall

Unknown origin

417. XX-0-KAUN-1988-D0916 *Ligustrum vulgare* L. 'Aurea'

Unknown origin

418. XX-0-KAUN-19XX-D1987 *Syringa emodi* [Wall. ex Royle](http://www.theplantlist.org/tpl1.1/record/kew-356258) 'Aureovariegata'

Unknown origin

419. XX-0-KAUN-19XX-D1657 *Syringa vulgaris* L. 'Alba'

Unknown origin

*ONAGRACEAE*

420. LT-0-KAUN-1980-O0307 *Epilobium angustifolium* L.

Spont.: LT, Utena district municipality, Petroniškės, 1980

421. XX-0-KAUN-2003-O0308 *Oenothera biennis* L.

Nantes parks and gardens, FR, 2003

*PAEONIACEAE*

422. XX-0-KAUN-1972-O0310 *Paeonia anomala* L.

Unknown original, 1972

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

Kaunas BG of Vytautas Magnus University, LT,1958

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

Kaunas BG of Vytautas Magnus University, LT, 1964

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

Kaunas BG of Vytautas Magnus University, LT, 1964

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

Kaunas BG of Vytautas Magnus University, LT, 1970

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

Kaunas BG of Vytautas Magnus University, LT, 1970

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

Kaunas BG of Vytautas Magnus University, LT, 1970

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

Kaunas BG of Vytautas Magnus University, LT, 1970

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

Kaunas BG of Vytautas Magnus University, LT, 1970

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

Kaunas BG of Vytautas Magnus University, LT, 1970

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

Kaunas BG of Vytautas Magnus University, LT, 1970

433. XX-0-KAUN-2008-PAE0228 *Paeonia lactiflora* Pall. 'Aistis'. Jonas Tarvidas and Emilija Tarvidienė,

1979 (LT)

BG of Vilnius University, LT, 2008

434. XX-0-KAUN-2008-PAE0228 *Paeonia lactiflora* Pall. 'Keleivis'. Jonas Tarvidas and Emilija Tarvidienė, 1979 (LT)

BG of Vilnius University, LT, 2008

435. XX-0-KAUN-2008-PAE0228 *Paeonia lactiflora* Pall. 'Svečias'. Jonas Tarvidas and Emilija Tarvidienė, 1979 (LT)

BG of Vilnius University, LT, 2008

436. XX-0-KAUN-2003-O0311 *Paeonia officinalis* L.

Unkown original, 2003

*PAPAVERACEAE*

437. XX-0-KAUN-2014-O0449 *Argemone mexicana* L.

BG of Faculty of Science of Masaryk University, Brno, CZ, 2014

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

Spont.: LT, Kaunas city municipality, Freda, 1975

439. XX-0-KAUN-2009-PF1211 *Chelidonium majus* L*.* 'Pleniflora'

BG College and Secondary Agricultural School, Tábor, CZ, 2009

440. XX-0-KAUN-1980-O0315 *Glaucium flavum* Crantz

BG of Lomonosov Moscow State University, RU, 1980

441. XX-0-KAUN-1990-PF1222 *Glaucium flavum* Crantz

Central BG of National Academy Sciences of Belarus, Minsk, BY, 1990

442. XX-0-KAUN-1980-O0317 *Papaver bracteatum* Lindl.

BG of Lomonosov Moscow State University, RU, 1980

443. XX-0-KAUN-2004-PF1225 *Papaver nordhagenianum* Á. Löve subsp. *islandicum* Á. Löve

Grugapark Essen, DE, 2004

*PHYTOLACCACEAE*

444. XX-0-KAUN-1938-O0319 *Phytolacca americana* L.

Unknown origin, 1938

*PLANTAGINACEAE*

445. XX-0-KAUN-2005-O0406 *Digitalis ferruginea* L*.*

Pharmacognostic Garden of Lublin Medicinal Academy, PL, 2005

446. XX-0-KAUN-2002-O0407 *Digitalis lutea* L.

Späth Arboretum of Humboldt University of Berlin, DE, 2002

447. XX-0-KAUN-1996-F0275 *Globularia punctata* Lapeyr.

Unknown origin, 1996

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

Spont.: LT, Aukštaitija National Park, 1955

449. XX-0-KAUN-2013-PF1270 *Penstemon digitalis* Nutt. ex Sims 'Mystica'

Augustė Mieldažienė private collection, Kazlų Rūda, 2013

450. XX-0-KAUN-1985-PF1278 *Penstemon palmeri* A. Gray

Unknown origin, 1985

451. XX-0-KAUN-19XX-F0280 *Plantago altissima* L.

Unknown origin

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

Spont.: LT, Kaunas city municipality, Freda, 1980

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

Spont.: LT, Kaunas city municipality, Freda, 1997

454. XX-0-KAUN-1986-PF1275 *Plantago major* L. 'Rubrifolia'

 BG of Volga State University of Technology, Yoshkar-Ola, RU, 1996

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

Spont.: LT, Kaunas city municipality, Sargėnai, 1980

456. XX-0-KAUN-1979-PF1295 *Veronica gentianoides* Vahl

Alexandru Borza BG, University Babeş-Bolyai, Cluj-Napoca, RO, 1979

457. XX-0-KAUN-19XX-PF1298 *Veronica incana* L.

Unknown origin

458. XX-0-KAUN-2015-O0535 *Veronica longifolia* L.

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2015

459. LT-0-KAUN-2013-O0444 *Veronica officinalis* L.

Spont.: LT, Mažeikiai district municipality, Gyvoliai, 2013

460. XX-0-KAUN-19XX-F0287 *Veronicastrum virginicum* (L.) Farw.

 Unknown origin

*POACEAE*

461. LT-0-KAUN-2014-F0288 *Alopecurus geniculatus* L.

Spont.: LT, Kaišiadorys district. municipality, Būda forest, 2014

462. LT-0-KAUN-2014-F0289 *Arrhenatherum elatius* (L.) P. Beauv. Beauv. ex J. Presl et C. Presl

 Spont.: LT, BG Vytautas Magnus University, 2014

463. XX-0-KAUN-19XX-F0290 *Arrhenatherum elatius* (L.) P. Beauv. ex J. Presl et C. Presl

var. *bulbosum* (Willd.) Spenn. 'Variegatum'

Unknown origin

464. LT-KAUN-2003-O0327 *Hierochloe odorata* (L.) P. Beauv.

Spont.: LT, Kaunas city municipality, Freda, 2003

465. XX-0-KAUN-2004-O0325 *Avena sativa* L.

Kaunas district municipality, Mastaičiai, LT, 2004

466. LT-0-KAUN-2015-F0523 *Brachypodium pinnatum* (L.) P. Beauv.

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015: Spont.: LT, Kalvarija municipality, Juodeliai

467. LT-1-KAUN-2015-F0431 *Bromopsis benekenii* (Lange) Holub

Spont.: LT, Vilkaviškis district municipality, Drausgiris forest, 2015

468. XX-0-KAUN-1996-F0292 *Deschampsia cespitosa* (L.) P. Beauv. 'Bronzeschleier'

BG of the University of Latvia, Riga, LV, 1996

469. XX-0-KAUN-2003-PF1351 *Elymus sibiricus* L.

N. V. Tsitsin Main BG of Russian Academy of Sciences, Moscow, RU, 2003

470. LT-1-KAUN-2015-F0434 *Festuca altissima* All.

 Spont.: LT, Vilkaviškis district municipality, Drausgiris forest, 2015

471. XX-0-KAUN-2015-F0461 *Festuca christianii-bernardii* Kerguélen et H. J. Coste

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015

472. FR-0-LYJB-008823 *Festuca eskia* Ramond ex DC.

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015

473. XX-0-KAUN-1999-PF1354 *Festuca fallax* Thuill.

Eugeniusz Radziul Garden, PL, 1999

474. XX-0-KAUN-2011-PF1356 *Festuca gautieri* (Hack.) K. Richt. subsp. *scoparia* (A. Kern. et Hack.) Kerguélen

Arboretum “Kokaudzētava Baltezers”, Riga district, LV, 2011

475. XX-0-KAUN-2015-F0464 *Festuca longifolia* Thuill. subsp. *pseudocostei* Auquier et Kerguélen

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015: BG Masaryk University, Brno, CZ

476. XX-0-2010-G-10031 *Festuca pallens* Host

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015: BG University of Bern, CH, 2011

477. XX-0-KAUN-2012-PF1363 *Festuca scoparia* Hook. f. 'Elijah Blue'

BG University of Pécs, HU, 2012

478. SK-0-2010-W-6921 *Festuca vaginata* Waldst. et Kit. ex Willd.

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015: BG of the University of Agriculture in Nitra, SK, 2010: Spont.: SK, Mužla-Čenkov (ChÚ), 112 m, 2009

479. XX-0-KAUN-19XX-F0300 *Festuca valesiaca* Schleich. ex Gaudin

Unknown origin

480. XX-0-KAUN-2000-F0302 *Helictotichon sempervirens* (Vill.) Pilg.

Unknown origin, 2000

481. LT-1-KAUN-2015-F0438 *Hordelymus europaeus* (L.) Jess. ex Harz

 Spont.: LT, Marijampolė municipality, Bukta forest, 2015

482. XX-0-KAUN-2002-PF1365 *Koeleria glauca* (Spreng.) DC.

BG of Institute of Ecology and Botany – Centre for Ecological Research of Hungarian Academy of Sciences, Vácrátót, HU, 2002

483. XX-0-KAUN-2010-PF1382 *Melica altissima* L. 'Atropurpurea'

BG of Duisburg-Hamborn, DE, 2010

484. XX-0-2007-G-1383 *Melica ciliata* L.

BG of Nature Research and Environmental Education Marijampolė, LT, 2015: BG College and Secondary Agricultural School, Tábor, CZ

485. IR-0-FRP-26210 *Melica persica* Kunth

Palmengarten in Frankfurt am Main, DE, 2015: National BG of Iran, Teheran, IR: Spont.: IR, Mazandaran, above tonele Kandovan, alt. 2777 m;

486. XX-0-KAUN-2002-PF1369 *Miscanthus sacchariflorus* (Maxim.) Hack.

Unknown origin, 2002

487. XX-0-KAUN-2015-PF2200 *Miscanthus sinensis* Andersson 'Malepartus'

Vyšniauskai floriculture farm, Raseiniai district municipality, Gabšiai, LT, 2015

488. XX-0-KAUN-2009-AR0122 *Panicum miliaceum* L.

Agrofirma Sėklos Ltd, Vilnius, LT, 2009

489. XX-0-KAUN-2014-PF1399 *Panicum virgatum* L. 'Hanse Hermes'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2014

490. XX-0-KAUN-2013-PF1400 *Panicum virgatum* L. 'Heiliger Hain'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2013

491. US-0-KAUN-2014-PF1419 *Panicum virgatum* L. 71SG045

# Institute of Agriculture of Lithuanian Research Centre for Agriculture and Forestry, Akademija, Kėdainiai district municipality, LT, 2014**:** North Dakota, US,1983

492. XX-0-KAUN-2015-PF2227 *Pennisetum alopecuroides* (L.) Spreng. 'Gelbstiel'

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2015

493. XX-0-KAUN-2015-PF2228 *Pennisetum alopecuroides* (L.) Spreng. 'Hameln'

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, Gabšiai, LT, 2015

494. 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

495. LT-0-KAUN-2014-F0311 *Poa nemoralis* L.

Spont.: LT, Kaunas district municipality, Vaišvydava forest, 2014

496. XX-0-MARIJ-2014-G *Secale strictum* (C. Presl) C. Presl

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015

497. XX-0-2011-G-9408 *Sesleria heufleriana* Schur subsp. *hungarica* (Ujhelyi) Deyl

BG of Station of Nature Research and Environmental Education, Marijampolė, LT, 2015: BG Masaryk University, Brno, CZ

498. XX-0-KAUN-2016-O0606 *Sorghum bicolor* (L.) Moench

Agrofirma Sėklos Ltd, Vilnius, LT, 2016

499. XX-0-KAUN-19XX-F0313 *Spodiopogon sibiricus* Trin.

Unknown origin

500. XX-0-KAUN-2009-AR0121 *Zea mays* L.

Agrofirma Sėklos Ltd, Vilnius, LT, 2009

*POLEMONIACEAE*

501. LT-1-KAUN-1993-O0328 *Polemonium caeruleum* L.

Spont.: LT, Kaunas city municipality, Freda, 1993

502. LT-1-KAUN-2014-F0414 *Polemonium caeruleum* L.

Spont.: LT, Kaunas municipality, **Kaunas Lagoon Regional Park, 2014**

503. LT-1-KAUN-2015-F0442 *Polemonium caeruleum* L.

Spont.: LT, Kalvarija municipality, Juodeliai, 2015

*POLYGONACEAE*

504. XX-0-KAUN-1960-O0330 *Aconogonon coriarium* (Grig.) Soják

Unknown origin, 1960

505. XX-0-KAUN-2003-O0332 *Fagopyrum esculentum* Moench

Erika Šeinauskienė private collection, Kaunas district municipality, Mastaičiai, LT, 2003

506. LT-0-KAUN-1990-O0333 *Polygonum aviculare* L.

Spont.: LT, Kaunas city municipality, Freda, 1990

507. XX-0-KAUN-2007-AR0126 *Rheum rhabarbarum* L.

Agrofirma Sėklos Ltd, Vilnius, LT, 2007

508. XX-0-KAUN-2007-AR0125 *Rumex patientia* L.

BG of Traupis Basic School, Anykščiai district municipality, LT, 2007

*PRIMULACEAE*

509. XX-0-KAUN-2004-PF1463 *Lysimachia punctata* L.

BG of the Faculty of Science of Masaryk University, Brno, CZ, 2004

510. LT-0-KAUN-1961-O0337 *Primula veris* L.

Spont.: LT, Kaunas district municipality, Raudondvaris, 1961

*RANUNCULACEAE*

511. XX-0-KAUN-1928-O0338 *Aconitum napellus* L.

Unknown origin, 1928

512. XX-0-KAUN-1960-O0339 *Actaea rubra* (Aiton) Willd.

Unknown origin, 1960

513. XX-0-KAUN-2005-O0340 *Actaea spicata* L.

BG Meise, BE, 2005

514. XX-0-KAUN-1965-O0346 *Adonis* *vernalis* L.

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1965

515. XX-0-KAUN-1983-F0338 *Anemone sylvestris* L.

Unknown origin, 1983

516. XX-0-KAUN-1980-PF1515 *Anemone baldensis* L.

Unkown origin, 1980

517. XX-0-KAUN-19XX-F0337 *Anemone rivularis* Buch.-Ham. ex DC.

Unknown origin

518. XX-0-KAUN-2014-O0448 *Aquilegia vulgaris* L.

Rhododendron Park and BG of Bremen, DE, 2014

519. XX-0-KAUN-2005-O0341 *Cimicifuga racemosa* (L.) Nutt.

BG of University of Rostock, DE, 2005

520. XX-0-KAUN-1990-PF1556 *Clematis heracleifolia* DC.

Unknown origin, 1991

521. XX-0-KAUN-1990-O0345 *Clematis recta* L.

Unkown origin, 1990

522. XX-0-KAUN-1960-O0347 *Delphinium elatum* L*.*

Unknown origin, 1960

523. XX-0-KAUN-1973-F0347 *Eranthis hyemalis* (L.) Salisb.

BG of Leiden University, NL, 1973

524. XX-0-KAUN-2010-O0350 *Helleborus argutifolius* Viv.

BG of Vrije University, Amsterdam, NL, 2010

525. XX-0-KAUN-2009-PF1581 *Helleborus* *bocconei* Ten.

BG University of Siena, IT, 2009

526. XX-0-KAUN-1940-O0352 *Helleborus caucasicus* A. Braun

Unknown origin, 1940

527. XX-0-KAUN-1940-O0351 *Helleborus foetidus* L.

Unknown origin, 1940

528. XX-0-KAUN-1997-O0357 *Nigella damascena* L.

BG of the University of Tübingen, DE, 1997

529. XX-0-KAUN-1997-O0356 *Nigella sativa* L.

BG of Medicinal Plants of Medical University of Łódź, PL, 1997

530. XX-0-KAUN-1990-PF1631 *Ranunculus gramineus* L.

Unknown origin, 1990

531. XX-0-KAUN-2015-PF2099 *Thalictrum aquilegiifolium* L. 'Album'

Vyšniauskų gėlininkystės ūkis Ltd, Raseiniai district municipality, Gabšiai, LT, 2015

532. XX-0-KAUN-1976-F0351 *Thalictrum flavum* L.

BG of Leiden University, NL, 1976

533. XX-0-KAUN-1978-O0361 *Thalictrum foetidum* L.

All-Russian Research Institute of Medicinal and Aromatic Plants, Moscow, RU, 1978

534. XX-0-KAUN-1989-F0352 *Thalictrum lucidum* L.

Unknown origin, 1989

535. LT-0-KAUN-1972-O0362 *Thalictrum minus* L.

Spont.: LT, Kaunas district municipality, Kačerginė forest, 1972

536. XX-0-KAUN-1979-F0354 *Trollius europaeus* L.

Unknown origin

*RESEDACEAE*

537. XX-0-KAUN-1981-AR0130 *Reseda lutea* L.

Central Siberian BG of Siberian Branch of RAS, Novosibirsk, RU, 1981

*RHAMNACEAE*

538. XX-0-KAUN-19XX-D1340 *Rhamnus cathartica* L.

Unknown origin

*ROSACEAE*

539. LT-0-KAUN-1975-O0372 *Agrimonia eupatoria* L.

Spont.: LT, Kaunas city municipality, Freda, 1975

540. LT-1-KAUN-1961-O0373 *Agrimonia procera* Wallr.

Spont.: LT, Kaunas city municipality, Freda, 1961

541. XX-0-KAUN-1987-O0375 *Aronia melanocarpa* (Michx.) Elliott

Unknown origin, 1987

542. XX-0-KAUN-1970-D0153 *Aronia melanocarpa* (Michx.) Elliott

Unknown origin, 1970

543. XX-0-KAUN-2000-O0379 *Chaenomeles japonica* (Thunb.) Lindl. ex Spach

Unknown origin, 1987

544. XX-0-KAUN-19XX-D0498 *Cotoneaster bullatus* Bois

Unknown origin

545. XX-0-KAUN-19XX-D2186 *Cotoneaster dielsianus* E. Pritz. ex Diels

Unknown origin

546. XX-0-KAUN-1978-D0505 *Cotoneaster foveolatus* Rehder et E. H. Wilson

Alpine BG of Franz Mayr-Melnhof, Frohnleiten, AT, 1978

547. XX-0-KAUN-1980-D0499 *Cotoneaster lucidus* Schltdl.

Dubrava Arboretum, Kaunas district, Vaišvydava, LT, 1986

548. XX-0-KAUN-1982-D0506 *Crataegus chlorosarca* Maxim.

Dendrological Park of Forest Steppe Experimental Plant Breeding Station, Lipetsk, RU, 1982

549. XX-0-KAUN-19XX-D2114 *Crataegus laevigata* (Poir.) DC. 'Alba Plena'

Unknown origin

550. XX-0-KAUN-1926-1930-D0513 *Crataegus macracantha* Lodd. ex Loudon

Späth Arboretum of Humboldt University of Berlin, DE, 1926-1930

551. X-0-KAUN-1985-D0511 *Crataegus monogyna* Jacq. 'Pteridifolia'

Exact data unknown, Kaliningrad, RU (formerly Königsberg, Prussia), 1985

552. XX-0-KAUN-1960-O0381 *Crataegus rhipidophylla* Gand.

Unknown origin, 1960

553. XX-0-KAUN-1930-D0516 *Crataegus submollis* Sarg.

Späth Arboretum of Humbolt University of Berlin, DE, 1930

554. XX-0-KAUN-1966-D0591 *Exochorda racemosa* (Lindl.) Rehder

 Boerner BG, Hales Corners, US, 1966

555. LT-0-KAUN-1980-O0383 *Filipendula palmata* (Pall.) Maxim.

Unknown origin, 1980

556. LT-0-KAUN-1960-O0384 *Filipendula ulmaria* (L.) Maxim.

Spont.: LT, Kaunas city municipality, Freda, 1960

557. LT-0-KAUN-1975-O0385 *Filipendula vulgaris* Moench

Spont.: LT, Anykščiai district municipality, Rubikiai, 1975

558. LT-0-KAUN-1993-O0387 *Geum rivale* L.

Spont.: LT, Kaunas city municipality, Freda, 1993

559. LT-0-KAUN-1970-O0388 *Geum urbanum* L.

Spont.: LT, Kaunas city municipality, Freda, 1970

560. XX-0-KAUN-1999-PF1681 *Gilenia trifoliata* (L.) Moench.

BG **Maria Curie-Skłodowska University, Lublin, PL, 1999**

561. XX-O-KAUN-1977-D0880 *Kerria japonica* (L.) DC.

Dubrava Arboretum, Kaunas district, Vaišvydava, LT, 1986

562. XX-0-KAUN-19XX-D0986 *Malus mandshurica* (Maxim.) Kom. ex Juz.

Unknown origin

563. XX-0-KAUN-1959-D0992 *Malus sargentii* Rehder

Exact data unknown, Helsinki, FI, 1959

564. XX-0-KAUN-1980-D0993 *Malus toringo* (Siebold) Siebold ex de Vriese

Dubrava Arboretum, Kaunas district, Vaišvydava, LT, 1980

565. XX-0-KAUN-1953-D1277 *Padus avium* Mill.

Unknown origin, LT, 1953

566. XX-0-KAUN-1979-PF1682 *Potentilla aurea* L.

Unknown origin, 1979

567. XX-0-KAUN-2008-PF1683 *Potentilla crantzii* (Crantz) Beck ex Fritsch

Klyukvinskaya School-Internat, Kursk, RU, 2008

568. XX-0-KAUN-1981-O0396 *Potentilla fruticosa* L.

Exact data unkown, Far East, RU, 1981

569. XX-0-KAUN-1986-D1310 *Pyracantha coccinea* M. Roem.

Grugapark Essen, DE, 1986

570. XX-0-KAUN-19XX-D1517 *Rhodotypos scandens* (Thunb.) Mak.

Unknown origin

571. XX-0-KAUN-1988-O0400 *Sanguisorba canadensis* L.

Unknown origin, 1988

572. XX-0-KAUN-1972-O0402 *Sanguisorba minor* Scop.

BG of the Academy of Sciences of Moldova, Chisinau, MD, 1972

573. XX-0-KAUN-1960-O0401 *Sanguisorba officinalis* L.

Unknown origin, 1960

574. XX-0-KAUN-1970-D1581 *Sibiraea laevigata* (L.) Maxim.

Unknown origin, 1970

575. XX-0-KAUN-1987-D1614 *Spiraea japonica* L. f.

Kyoto, JP, 1987

576. XX-0-KAUN-19XX-D1615 *Spiraea japonica* L. f. 'Albiflora'

 Unknown origin

577. XX-0-KAUN-1951-D1582 *Sorbaria sorbifolia* (L.) A. Braun

Exact data unkown, Chabarovsk, RU, 1951

578. XX-0-KAUN-19XX-D1587 *Sorbus aria* (L.) Crantz

Unknown origin

579. XX-0-KAUN-2014-1591 *Sorbus aucuparia* L. 'Fastigiata'

Exact data unkown, LT, 2014

580. XX-0-KAUN-1950-D2161 *Sorbus aucuparia* L. *× Crataegus sanquinea* L.

Unknown origin, 1950

581. XX-0-KAUN-1996-D1603 *Sorbus koehneana* C. K. Schneid.

Reykjavik BG, IS, 1996

582. XX-0-KAUN-19XX-D1950 *Sorbus latifolia* (Lam.) Pers.

Unknown origin

583. XX-0-KAUN-1998-D1607 *Sorbus rehderiana* Koehne

Unknown origin

584. XX-0-KAUN-1969-D1951 *Sorbus umbellata* Fritsch var. *cretica* (Lindl.) C. K. Schneid.

N. V. Tsitsin Main BG of Russian Academy of Sciences, RU, 1969

*RUBIACEAE*

585. XX-0-KAUN-1986-O0365 *Asperula odora* L.

Unknown origin, 1986

586. XX-0-KAUN-1927-O0367 *Rubia tinctorum* L.

Unknown origin, 1927

*RUTACEAE*

587. XX-0-KAUN-1980-O0368 *Dictamnus albus* L.

Unknown origin, 1980

588. XX-0-KAUN-1979-D1026 *Phellodendron sachalinense* (F. Schmidt) Sarg.

Exact data unkown, RU, 1979

589. XX-0-KAUN-2009-PF1703 *Ruta* *corsica* DC.

Alpine BG Jaÿsinia, Samoëns, FR, 2009

590. XX-0-KAUN-1986-PF1704 *Ruta divaricata* Siev.

Unknown origin, 1986

591. XX-0-KAUN-1936-O0369 *Ruta graveolens* L.

Unknown origin, 1936

592. XX-KAUN-2015-F0417 *Ruta graveolens* L. ssp. *hortensis* (Mill.) Gams.

Pharmacognostic Garden of Lublin Medicinal University, 2015

593. XX-0-CLA-0143\LUBLI2011 *Ruta macrophylla* Sol.

Agrobotanic Garden University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, RO: PL, Lublin BG, 2011

594. XX-KAUN-2015-F0421 *Ruta macrophylla* Sol.

BG of Lodz, PL, 2015

595. XX-KAUN-2015-F0422 *Ruta macrophylla* Sol.

Pharmacognostic Garden of Lublin Medicinal University, 2015

596. XX-0-CLA-0136 \LUBLI2011 *Ruta montana* (L.) L.

Agrobotanic Garden University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, RO: Lublin BG, 2011

*SAXIFRAGACEAE*

597. XX-0-KAUN-2014-AST0045 *Astilbe ×arendsii* Arends. 'To Have and to Hold'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2014

598. XX-0-KAUN-2014-AST0003 *Astilbe ×arendsii* Arends. 'Anita Pfeifer'

National BG of Latvia, Salaspils, LV, 2014

599. XX-0-KAUN-2015-AST0126 *Astilbe* *×arendsii* Arends. 'Jump and Jive'

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2015

600. XX-0-KAUN-2014-AST0014 *Astilbe ×arendsii* Arends. 'Ceres'.

National BG of Latvia, Salaspils, LV, 2014

601. XX-0-KAUN-2015-AST0129 *Astilbe chinensis* (Maxim.) Franch. et Sav. 'Heart and Soul'.

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2015

602. XX-0-KAUN-2015-AST0130 *Astilbe chinensis* (C. Morren et Decne.) A. Gray'Mighty Red Quin'

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2015

603. XX-0-KAUN-2014-AST0059 *Astilbe chinensis* (C. Morren et Decne.)'Purpurlanze'.

National BG of Latvia, Salaspils, LV, 2014

604. XX-0-KAUN-2014-AST0060 *Astilbe chinensis* (Maxim.) Franch. et Sav. 'Veronica Klose'.

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2014

605. XX-0-KAUN-2015-AST0133 *Astilbe chinensis* (Maxim.) Franch. et Sav. var. *taquetii* 'Purpurlanze'.

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2015

606. XX-0-KAUN-2014-AST0064 *Astilbe davidii* (Franch.) L. Henry 'Konigin Albert'

National BG of Latvia, Salaspils, LV, 2014

607. XX-0-KAUN-2015-AST0136 *Astilbe* *×hybrida* hort. ex Ievinya et Lusinya 'Sugarberry'

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2015

608. XX-0-KAUN-2014-AST0076 *Astilbe japonica* (C. Morren et Decne.) A. Gray 'Dusseldorf'

National BG of Latvia, Salaspils, LV, 2014

609. XX-0-KAUN-2014-AST0084 *Astilbe japonica* (C. Morren et Decne.) A. Gray'Lollypop'

Darius Gusas private collection, Kaunas district municipality, Lapės, LT, 2014

610. XX-0-KAUN-2014-AST0086 *Astilbe japonica* (C. Morren et Decne.) A. Gray'Mainz'

National BG of Latvia, Salaspils, LV, 2014

611. XX-0-KAUN-2014-AST0094 *Astilbe* Buch.-Ham. ex D. Don 'Plumet Neigeux'

National BG of Latvia, Salaspils, LV, 2014

612. XX-0-KAUN-2015-AST0139 *Astilbe simplicifolia* Makino 'Aphrodite'

Parko medelynas Ltd, Marijampolė municipality, Puskelniai, LT, 2015

613. XX-0-KAUN-2014-AST0110 *Astilbe thunbergii* Miq. 'Professor van der Wielen'

National BG of Latvia, Salaspils, LV, 2014

*SCHIZANDRACEAE*

614. RU-0-KAUN-1955-O0297 *Schisandra chinensis* (Turcz.) Baill.

Exact data unknown, Far East, RU, 1955

*SCROPHULARIACEAE*

615. LT-0-KAUN-2014-F0390 *Scrophularia nodosa* L.

Spont.: LT, Kaunas district municipality, Vaišvydava forest, 2014

616. XX-0-KAUN-1929-O0410 *Verbascum densiflorum* Bertol.

Unknown origin, 1929

617. XX-KAUN-2015-F0425 *Verbascum olympicum* Boiss.

BG and Arboretum of Mendel University, Brno, CZ, 2015

618. LT-0-KAUN-1998-O0411 *Verbascum nigrum* L.

Spont.: LT, Kaunas city municipality, Jiesia, 1998

619. XX-0-KAUN-19XX-F0393 *Verbascum thapsus* L.

Unknown origin

*SOLANACEAE*

620. XX-0-KAUN-1994-O0413 *Atropa acuminata* Royle

Medicinal Plants Garden of Medical University of Łódź, PL, 1994

621. XX-0-KAUN-1964-O0416 *Datura stramonium* L.

BG of the V. L. Komarov Botanical Institute, Saint Petersburg, RU, 1964

622. XX-0-KAUN-2012-O0417 *Hyoscyamus albus* L*.*

BG of Institute of Natural Fibres and Medicinal Plant, Poznan, PL, 2012

623. LT-0-KAUN-1994-O0418 *Hyoscyamus niger* L.

Spont.: LT, Klaipėda city municipality, Tauralaukis, 1994

624. XX-0-KAUN-2011-O0419 *Mandragora officinarum* Bertol.

Späth Arboretum of Humboldt University of Berlin, DE, 2011

625. XX-0-KAUN-2005-O0421 *Nicotiana rustica* L.

BG of the University of Hohenheim, DE, 2005

626. XX-0-KAUN-1959-F0396 *Physalis alkekengi* L.

Unknown origin, 1959

627. XX-0-KAUN-2012-O0428 *Solanum americanum* Mill.

BG of Martin Luther University of Halle-Wittenberg, DE, 2012

628. LT-0-KAUN-2014-F0397 *Solanum dulcamara* L.

Spont.: LT, Kaunas BG of Vytautas Magnus University, 2014

629. XX-0-KAUN-2012-O0427 *Solanum dulcamara* L.

BG of Martin Luther University of Halle-Wittenberg, DE, 2012

*TAMARICACEAE*

630. XX-0-KAUN-1985-D1678 *Tamarix ramosissima* Ledeb.

Unknown origin, 1985

*TILIACEAE*

631. XX-0-KAUN- 1997-D1826 *Tilia euchlora* K. Koch

Unknown origin, 1997

632. XX-0-KAUN-1972-D1831 *Tilia mongolica* Maxim.

Exact data unknown, Far East, RU, 1972

*TROPAEOLACAE*

633. XX-0-KAUN-1983-O0431 *Tropaeolum majus* L.

Unknown origin, 1983

*VERBENACEAE*

634. XX-0-KAUN-2005-O0437 *Verbena officinalis* L.

BG of Justus-Liebig University, Giessen, DE

635. XX-0-KAUN-2005-O0438 *Verbena urticifolia* L.

Leuven BG, BE, 2005

*VIOLACEAE*

636. LT-0-KAUN-1975-O0440 *Viola tricolor* L.

Spont.: LT, Kaunas city municipality, Sargėnai, 1975

*VITACEAE*

637. XX-0-KAUN-19XX-D1016 *Parthenocissus quinquefolia* (L.) Planch.

Unknown origin

**Special proposals from old orchard in Botanical Garden of Vytautas Magnus University**

**Scion woods of old apple trees varieties for grafting**

638. *Malus* Mill. 'Belflyor-kitaika'

A variety originated by famous Russian practitioner of selection Ivan Michurin in 1914. A winter apple cultivar; stores until February.

639. *Malus* Mill. 'Kosztela'

An old Polish variety. An autumn apple cultivar; cold weather and diseases resistant. This cultivar name is probably derived from the King Jan Sobieski expression. Once a time, King complained that one brought him just one bag of favourite apples. Kosz tylko? – just one bag? (in Polish).

640. *Malus* Mill. 'Putivka Oseneya'.

An old Ukrainian variety. This autumn apple cultivar is grown in Ukraine and Belorussia.

641. *Malus* Mill. 'Pepinka Litovskaya' (sin. 'Lietuvos Pepinas').

An old Lithuanian variety, but it was firstly described in 1903 as 'Pepinka Litovskaya' in Russian.

642. *Malus* Mill. 'Tallinna Pirnõun'.

An old Estonian variety. A summer apple cultivar produces fruits with a “pear” flavour.

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 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.

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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**

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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.**