



**BOTANICAL GARDEN OF
KLAIPEDA UNIVERSITY**

INDEX SEMINUM 2016



Klaipeda

2016

GENERAL INFORMATION

Postal address: Botanical Garden of Klaipeda University
92 Kretingos str.
92327 Klaipeda
LITHUANIA

Telephone: +370 46 398833
E-mail: botanikos.sodas@ku.lt

Status: Public

Major activities:

- ✓ introduction and investigation of wooden, ornamental, medicinal and spice plants;
- ✓ monitoring and information management;
- ✓ education and public awareness.

Date of foundation: 1993

Area: 9.3 ha

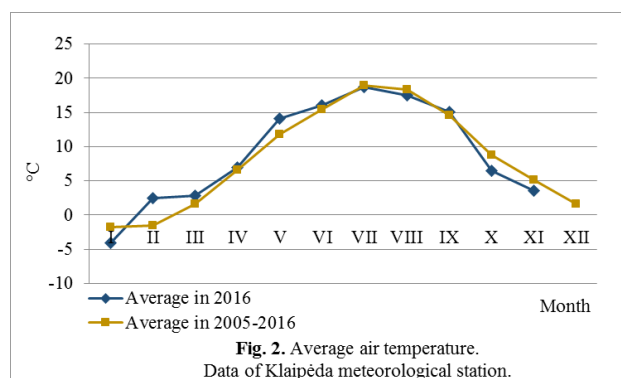
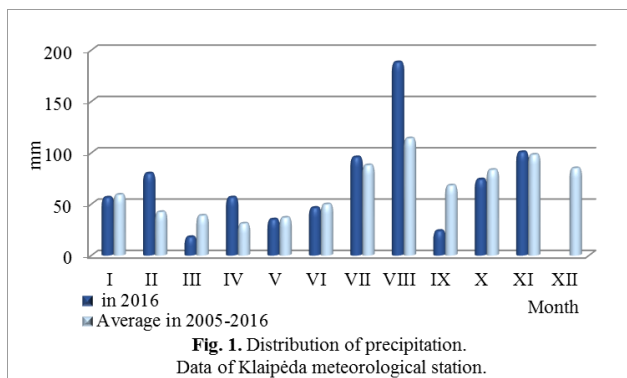
Geographical situation:

altitude: 3-14m a.s.l.

latitude: 55° 43' 30"

longitude: 21° 10' 25"

Climatic conditions:



Living plant collections (31-12-2016):

- ✓ conifer and deciduous trees and shrubs – 1566 taxa
- ✓ ornamental herbaceous (including bulbous plants and Rosa) – 1179 taxa
- ✓ medicinal and spice plants – 479 taxa
- ✓ indigenous on the territory of the Botanical Garden– 251 taxa

Seed collectors of Klaipėda University Botanical Garden: Liuda Razmuvienė, Elena Daubarienė, Monika Knizikevičienė, Rita Goliakovienė

Text editor: Laura Normantė

Authors: Asta Klimienė, Rita Nekrošienė, Liuda Razmuvienė, Elena Daubarienė, Monika Knizikevičienė, Rita Goliakovienė, Laura Normantė

PINOPHYTA

CUPRESSACEAE

1. *Chamaecyparis lawsoniana* (A. Murr.) Parl. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
2. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Aurea' (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
3. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Columnaris' (Privat collector, LT, 2003)
4. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Dzintra' (Privat collector, PL, 2005)
5. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Glauca' (Privat collector, LT, 2002)
6. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Ivone' (Privat collector, LT, 2003)
7. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Keleris Gold' (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
8. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Lane' (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
9. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Silver Queen' (Privat collector, LT, 2001)
10. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Stardust' (Privat collector, LT, 2003)
11. *Chamaecyparis lawsoniana* (A. Murr.) Parl. 'Triomf van Boksop' (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
12. *Chamaecyparis pisifera* (Siebold & Zucc.) Endl. 'Filifera' (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
13. *Chamaecyparis pisifera* (Siebold & Zucc.) Endl. 'Plumosa' (Privat collector, 2000)
14. *Chamaecyparis nootkatensis* (Laub.) Spach. 'Pendula' (Privat collector, LT, 2003)
15. *Chamaecyparis nootkatensis* (Laub.) Spach. (Hortus Botanicus Universitatis Vilnensis, LT, 2006)
16. *Chamaecyparis tyoides* (L.) B. S. P. 'Andelyensis' (Privat collector, LT, 2003)
17. *Juniperus communis* L. 'Meyer' Kaunas Botanic Garden of Vytautas Magnus University, LT, 2006)
18. *Juniperus squamata* Buch.-Ham. ex D. Don 'Meyari' (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2003)
19. *Juniperus virginiana* L. 'Schottii' (Privat collector, LV, 2007)
20. *Juniperus virginiana* L. 'Fastigiata' (Privat collector, LT, 2008)
21. *Juniperus x media* Van Melle 'Mint Julep' (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2009)
22. *Thuja koraiensis* Nakai (Privat collector, LV, 2010)
23. *Thuja plicata* Donn. Ex D. Don (Kaunas Botanic Garden of Vytautas Magnus University, LT, 1997)
24. *Thuja occidentalis* L. 'Columna' (Kaunas Botanic Garden of Vytautas Magnus University, LT, 1997)
25. *Thuja occidentalis* 'Europe Gold' (Privat nursery, LT, 2002)
26. *Thuja occidentalis* L. 'Filiformis' (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
27. *Thuja occidentalis* L. 'Holmstrup' (Privat nursery, LT, 2005)
28. *Thuja occidentalis* L. 'Hoseri' (Privat nursery, PL, 2006)
29. *Thuja standishii* (Gordon) Carr.
30. *Thujopsis dolabrata* (L. f.) S. et Z. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 1997)

PINACEAE

31. *Abies balsamea* (L.) Mill. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2002)
32. *Abies veitchii* Lindl. (Hortus Botanicus Kaunensis of Vytautas Magnus University, LT, 1997)

33. *Larix gmelinii* (Botanical Garden of the University of Ulm, DE, 2005)
34. *Larix kaempferi* (Lamb.) Carr. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2003)
35. *Larix kurilensis* (Mayr) Cin. (Private collector, LT, 2012)
36. *Picea abies* (L.) H. Karst. 'Virgata' (Private collector, 2003)
37. *Picea glauca* (Mill.) Britt. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 1997)
38. *Picea mariana* (Mill.) B.S.P. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 1997)
39. *Picea mariana* (Mill.) B.S.P. 'Beissneri' (Private collector, PL, 2007)
40. *Picea orientalis* (L.) Link 'Aureospicata' (Private collector, 2003)
41. *Picea pungens* 'Glauca' (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000)
42. *Pinus armandii* Franch. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2005)
43. *Pinus contorta* Douglas ex Loudon (Kaunas Botanic Garden of Vytautas Magnus University, LT, 1994)
44. *Pinus mugo* Mill. (Private collector, 1997)
45. *Pinus mugo* 'Orange sun' (Private collector, PL, 2012)
46. *Pinus parviflora* Siebold et Zucc. 'Negishi' (Private collector, 2003)
47. *Pinus peuce* Griseb. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2002)
48. *Pinus ponderosa* Dougl. Ex P. Et C. Laws. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2002)
49. *Pinus nigra* J. F. Arnold. var *Austriaca* (Private collector, 2003)
50. *Pinus sibirica* Du Tour (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
51. *Pinus sylvestris* L. (Private collector, 1994)
52. *Pinus sylvestris* L. 'Watereri' (Private collector, 2004)
53. *Pinus uncinata* Mill. ex Mirb. (Kaunas Botanic Garden of Vytautas Magnus University, LT, 1994)

TAXACEAE

54. *Taxus baccata* L. 'Fastigiata Robusta' (Private collector, PL, 2004)
55. *Taxus x media* Rehd (Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000)
56. *Taxus cuspidata* Siebold et Zucc. 'Nana' (Private collector, 2003)

MAGNOLIOPHYTA

ACERACEAE

57. *Acer campestre* L. (Private collector, LT, 2003)
58. *Acer japonicum* Thunb. 'Aconitifolium' (Private collector, LT, 2003)
59. *Acer ginnala* L. (Botanical Garden and Arboretum of Göttingen University, DE 2002)
60. *Acer platanoides* L. 'Prinz de Camille Rahan' (Private collector, LT, 2008)
61. *Acer pseudoplatanus* L. 'Atropurpurea' (Private collector, LT, 2000)
62. *Acer pseudoplatanus* L. 'Stollii' (Private collector, LT, 2008)
63. *Acer pseudoplatanus* L. 'Spaethiana' (Private collector, LT, 2008)
64. *Acer tataricum* L. (Private collector, LT, 1995)
65. *Acer turkestanicum* Pax. (Botanischer Garten Universität Ulm, GE 2005)

ADOXACEAE

66. *Sambucus nigra* L. 'Black lace' (Private collector, PL, 2006)
67. *Viburnum x burkwoodii* (Private collector, PL, 2011)
68. *Viburnum corylifolium* J.D. Hooker & Thomson (Hortus Botanicus Universitatis Vilnensis, LT 2007)
69. *Viburnum dentatum* L. (Rogow Forest Experimental Station Arboretum, PL, 2004)

70. *Viburnum lantana* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
71. *Viburnum lantana* L.'Aurea'(Hortus Botanicus Kaunensis, Vytautas Magnus University,LT,2003)
72. *Viburnum lantana* L. 'Variegata'(Botanical garden of Kaliningrad University, RU, 2003)
73. *Viburnum lentago* L. (Private collector, LV, 2007)
74. *Viburnum macrocephallum* Fortunei (Private collector, LT, 2007)
75. *Viburnum mongolicum* (Pall.) Rehder (Hortus Botanicus Universitatis Vilnensis, LT 2013)
76. *Viburnum opulus* L. (Private collector, LT,1998)
77. *Viburnum opulus* L. 'Xanthocarpum'(Private collector, LT, 2013)
78. *Viburnum opulus* L.'Fastigiata' (Private collector, LV, 2005)
79. *Viburnum plicatum* Thunb. 'Pink Beauty' (Private collector, LT, 2004)
80. *Viburnum rhytidophyllum* Hemsl. (Private collector, LT, 2003)
81. *Viburnum trilobum* Marsh. (Private collector, LT, 2004)

ACTINIDIACEAE

82. *Actinidia arguta* (Siebold et Zucc.) Planch. ex. Miq. (Private collector, CZ, 2002)
83. *Actinidia kolomicta* Max. (Private collector, LT,1999)

ALLIACEAE

84. *Allium fistulosum* L. (Botanic garden of Copenhage, DK, 2001)
85. *Allium flavum* L.(Gradina Botanica a Anastasie Fatu, RO, 2010)
86. *Allium cepa* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT,1993)
87. *Allium moly* L.(Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
88. *Allium sativum* L. *Allium sativum* L.(Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
89. *Allium senescens* L.(Botanical Garden University of Graz, AT, 2010)
90. *Allium vineale* L.(Hortus Botanicus Kaunensis Vytautas Magnus University, LT,1993)

AMARANTHACEAE

91. *Amaranthus caudatus* L. 'Viridis' .(Hortus Botanicus Kaunensis Vytautas Magnus University, LT,1999)
92. *Amaranthus cruentus* L. .(Hortus Botanicus Kaunensis Vytautas Magnus University, LT,1999)
93. *Celosia cristata* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)

ANACARDIACEAE

94. *Cotinus coggygria* Scop. 'Golden spirit' (Private collector, LT, 2004)
95. *Cotinus coggygria* Scop. 'Young Lady' (Private collector, LT, 2006)
96. *Cotinus coggygria* Scop 'Royal Purple' (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
97. *Cotinus coggygria* Scop. 'Atropurpurea' (Private collector, LT, 2004)
98. *Cotinus coggygria* Scop. (Hortus botanicus Klaipedensis, LT, 1998)
99. *Rhus typhina* L. 'Dissecta' (Private collector, LT, 2003)

APIACEAE

100. *Angelica archangelica* L.(private collector,1993)
101. *Apium graveolens* L.(private collector, 2003)
102. *Carum carvi* L.(Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
103. *Coriandrum sativum* L.(Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
104. *Cicuta virosa* L.(Garden of Medicinal Plants, Institute of Pharmacology, Polish Academy of Sciens, PL, 2014)

105. *Eryngium fromealifolium* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2000)
 106. *Eryngium maritimum* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
 107. *Eryngium planum* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1999)
 108. *Foeniculum vulgare* Mill. (Private collector, 2002)
 109. *Levisticum officinale* W. D. J. Koch. (Private collector, 1993)
 110. *Petroselinum sativum* Hoff. (Private collector, 1993)
 111. *Pimpinella anisum* L. (Private collector, 1993)
 112. *Selinum carvifolia* L. (Botanic Garden Meise, BE, 2014)

AQUIFOLIACEAE

113. *Ilex aquifolium* L. (Private collector, PL, 2011)

ARALIACEAE

114. *Aralia mandshurica* Rupr. (Skinderiskis arboretum, LT, 2002)

ASCLEPIADACEAE

115. *Anthericum ramosum* L. (Bolestraszyce arboretum, PL, 2000)
 116. *Asclepias incarnata* L. "Ice Ballet" (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
 117. *Asclepias syriaca* (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2009)
 118. *Periploca sepium* Bunge (Hortus botanicus Klaipedensis, LT, 1998)

ASPHODELACEAE

119. *Eremurus bungei* L. (Hortus Botanicus ,Tartu, EE, 2008)
 120. *Kniphofia Moench.* (Hortus Botanicus Universitatis Vilnensis, LT, 2007)

ASTERACEAE

121. *Achillea millefolium* L. (Natural origin, 1993)
 122. *Anthemis tinctoria* L. (Private collector, 2003)
 123. *Anthemis arvensis* L. Gaertn. (Private collector, 2003)
 124. *Arctium lappa* L. (Natural origin, 2003)
 125. *Arctotis acaulis* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1999)
 126. *Arctotis venusta* Hord. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
 127. *Arnica lanceolata* Nutt. (Prague Botanical Garden, CZ, 2003)
 128. *Arnica mollis* Hook. (Universitat Bayreuth Okologisch Botanischer garden, DE, 2006)
 129. *Aster amellus* L. (Floriculture Experimental Station, Vilnius, LT, 1998)
 130. *Aster dumosus* L. (Floriculture Experimental Station, Vilnius, LT, 1999)
 131. *Bidens tripartita* L. (Natural origin, 2003)
 132. *Calendula arvensis* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2004)
 133. *Calendula officinalis* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
 134. *Calendula stellata* Cav. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
 135. *Carduus acanthoides* L. (Hortus Botanicus der Universitat, Greifswald, DE, 2002)
 136. *Carlina acaulis* L. (Hortus Botanicus Agder, NO, 2011)
 137. *Carlina acantifolia* All. (Botanical Garden University of Graz, AT, 2014)
 138. *Cichorium intybus* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
 139. *Centaurea cyanus* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
 140. *Centaurea dealbata* Willd. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2000)
 141. *Centaurea sulphurea* Willd. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)

142. *Chrysanthemum carinatum* Schoub. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
143. *Chrysanthemum coronarium* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
144. *Chrysanthemum maximum* (DC.) Ramond 'Crazy daisy'(Hortus Botanicus (Palacky University, Olomouc, CZ, 2008)
145. *Coreopsis tinctoria* Nutt. (Palacky University, Olomouc, CZ, 2008)
146. *Coreopsis verticillata* Ehrh. 'Zagreb'(Palacky University, Olomouc, CZ, 2008)
147. *Cosmos diversifolius* Otto. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2002)
148. *Cosmos bipinnatus* Cav. (Hortus Botanicus Universitatis Varsoviensis, PL, 2001)
149. *Crepis mollis* (Jacq.) Asch.(Hortus Botanicus, Bayreuth, DE, 1999)
150. *Crepis praemorsa* (L.) Tausch. (Hortus Botanicus, Bayreuth, DE, 1999)
151. *Dahlia Cav. x cultorum* Thorsr. et. Reis.(Private collector, Rokiškis, LT, 2003)
152. *Dahlia variabilis* Wilp. Desef.(Private collector, Rokiškis, LT, 2001)
153. *Doronicum austriacum* Jacq. (Private arboretum, LV, 2001)
154. *Echinacea angustifolia* DC (Hortus Botanicus Kaunensis Vytautas Magnus University, LT,1993)
155. *Echinacea purpurea* L. Moench.(Private collector, 1993)
156. *Echinacea purpurea* L. Moench."Sunset"(Private collector, SE, 2015)
157. *Echinacea purpurea* L. Moench."Green Envy" Moench. (Private collector, SE, 2015)
158. *Echinacea purpurea* L. Moench."Vintage Wine" (Private collector, SE, 2015)
159. *Echinacea purpurea* L. Moench"Big Kahuna"(Private collector, SE, 2015)
160. *Echinacea purpurea* L. Moench"Guana Ice"(Private collector, SE, 2015)
161. *Echinacea purpurea* L. Moench"Flame Thower"(Private collector, SE, 2015)
162. *Echinacea purpurea* L. Moench"Harvest Moon"(Private collector, SE, 2015)
163. *Echinacea purpurea* L. Moench"Eccentric"(Private collector, SE, 2015)
164. *Echinacea purpurea* L. Moench "Southern Belle"(Private collector, SE, 2015).
165. *Echinacea purpurea* L. Moench"Southe"(Private collector, SE, 2015)
166. *Echinops ritro* L.(Hortus Botanicus, Batumi, GE,2002)
167. *Echinops sphaerocephalus* L. (Private arboretum, LV, 1999)
168. *Eupatorium purpureum* L.(Palacky University,Olomouc,CZ, 2008)
169. *Gaillardia aristata* Pursh. (Private collector, CZ, 2001)
170. *Gaillardia pulchella* Foug. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
171. *Gazania x hybrida* (Private arboretum, LV, 2004)
172. *Helianthus annuus* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
173. *Helichrysum arenarium* (L.) Moench.(Hortus Botanicus Universitatis Viennensis, AT, 2003)
174. *Helichrysum bracteatum* (L.) Moench. .(Hortus Botanicus Universitatis Viennensis, AT, 2003)
175. *Heliopsis scabra* Dunal. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
176. *Helipterum manglesii* Lindl. (Hortus Botanicus Universitatis Kaunensis, LT,1999)
177. *Hieracium aggr. murorum* L.(Private arboretum, LV, 2002)
178. *Inula britannica* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
179. *Inula helenium* L.(Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
180. *Leontopodium alpinum* Cass. (Hortus Botanicus, Ulmo, DE, 2004)
181. *Leucanthemum vulgare* Lam. (Hortus Botanicus Universitatis Kaunensis, LT,1999)
182. *Liatris aspera* Mich. (Private arboretum, LV, 2004)
183. *Liatris spicata* L. Willd. (LtD "Klaipėdos sėklos", LT, 2006).
185. *Ligularia dentata* Cass. (Floriculture Experimental Station, Vilnius, LT, 2002)
184. *Ligularia przewalskii* (Maxim.) Diels. (Floriculture Experimental Station, Vilnius, LT, 2002)
185. *Ligularia stenocephala* (Maxim.)Matsum et Koidz.(Floriculture Experimental Station, Vilnius, LT, 2002)
186. *Madia sativa* L.(Botanic Garden Meise, BE, 2015)
187. *Rudbeckia bicolor* Nutt. (Hortus Botanicus, Dijon,FR, 2001)
188. *Rudbeckia hirta* L.(Hortus Botanicus, Riga, LV, 2001)
189. *Rudbeckia laciniata* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)

190. *Sanvitalia procumbens* Lam. (Hortus Botanicus Universitatis Tartuensis, EE, 1999)
191. *Senecio vernalis* Waldst. Et Kit. (Hortus Botanicus, Dijon, 2001)
192. *Tagetes erecta* L. (Hortus Botanicus, Bayreuth, DE, 1999)
193. *Tagetes patula* L. (Hortus Botanicus Universitatis Kaunensis, LT, 1999)
194. *Tagetes tenuifolia* Cav. (Hortus Botanicus Universitatis Kaunensis, LT, 1999)
195. *Tanacetum coccineum* (Willd.) Grierson. (Hortus Botanicus, Bayreuth, DE, 1999)
196. *Tanacetum corymbosum* (L.) Sch. Bip. (Hortus Botanicus Universitatis, Ulm, DE, 1998)
197. *Tithonia rotundifolia* L. (Hortus Botanicus, Bayreuth, DE, 1999)

BALSAMINACEAE

198. *Impatiens balsamina* L. (Hortus Botanicus Salaspils, LV, 2003)

BERBERIDACEAE

199. *Berberis thunbergii* DC. 'Golden Rocket' (Private collector, LV, 2009)
200. *Berberis thunbergii* DC. 'Aurea' (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
201. *Berberis thunbergii* DC. 'Orange Dream' (Private collector, PL, 2006)
202. *Berberis thunbergii* DC. 'Maria' (Private collector, LT, 2008)
203. *Berberis thunbergii* DC. 'Kornik' (Private collector, LT, 2003)
204. *Berberis silva-taroucana* Schneid. (Dubrava arboretum, LT, 2008)
205. *Berberis thunbergii* DC. 'Atropurpurea nana' (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
206. *Berberis canadensis* Mill. (National Botanic garden of Latvia, LV, 2007)
207. *Berberis jamesiana* Forrest. (National Botanic garden of Latvia, LV, 2003)
208. *Berberis ottawensis* Schneid. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)
209. *Berberis ottawensis* Schneid. 'Atropurpurea' (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
210. *Berberis koreana* Palibin. (Private collector, PL, 2011)
211. *Berberis umbellata* Wall. ex G. Don. (National Botanic garden of Latvia, LV, 2007)

BETULACEAE

212. *Betula 'Hoserii'* (Private collector, PL, 2006)
213. *Betula populifolia* Marsh. (Botanischer Garten Universitat Ulm, DE, 2004)
214. *Betula platyphylla* Sukaczew. (Botanical garden for study and exhibition of Asian plants, FR, 2012)
215. *Betula utilis* D. Don 'Doorenbosii' (Private collector, LT, 2003)
216. *Betula albosinensis* Burkill 'Fascination' (Private collector, LT, 2010)
217. *Betula ovalifolia* Rupr. (Botanical garden of state university Yoshar-ola, RU, 2014)
218. *Betula humilis* Shrank. (Private collector, LT, 2010)
219. *Betula lenta* L. (Botanical garden of state university Yoshar-ola, RU, 2014)
220. *Betula nana* L. (Private collector, CZ, 2002, Hortus Botanicus Universitatis Vilnensis, LT, 2003)
221. *Betula jacquemontii* Spach. (Private collector, PL, 2006)
222. *Carpinus betulus* L. (Private collector, LT, 1998)
223. *Carpinus betulus* L. 'Follis argenteovariegatis pendula' (Private collector, PL, 2006)
224. *Corylus colurna* L. (Botanical garden of Kaliningrad university, RU, 2002)
225. *Corylus americana* Marsh. (Private collector, LT, 2002)
226. *Corylus avellana* L. 'Atropurpurea' (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2002)
227. *Ostrya carpinifolia* Scop. (Botanical garden of Kaliningrad University, RU, 2002)
228. *Ostrya virginiana* (Mill.) K. Koch. (Ecological-Botanical Gardens, DE, 2005)

BIGNONIACEAE

229. *Catalpa ovata* G. Don. (Botanical garden of Kaliningrad university, RU, 2002)
230. *Incarvillea mairei* (Lev.) Grierson (Private arboretum, LV, 2003)

BORAGINACEAE

231. *Anchusa arvensis* L. (Natural origin, 2006)
232. *Anchusa officinalis* L. (Natural origin, 2006)
233. *Borago officinalis* L. (Natural origin, 2004)
234. *Cynoglossum officinale* L. (Private collector, 2007)
235. *Echium vulgare* L. (Natural origin, 2006)

BRASSICACEAE

236. *Alyssum saxatile* L. (Botanical garden of Siauliai university, LT, 2002)
237. *Alliaria officinalis* Andr. ex Bieb. (Botanical garden of the University of Ulm, DE, 2002)
238. *Brassica nigra* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
239. *Crambe maritima* L. (Private collector, 2010)
240. *Iberis sempervirens* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
241. *Iberis umbellata* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
242. *Isatis tinctoria* L. (Hortus Botanicus Salaspils, LV, 2004)
243. *Lobularia maritima* L. (Desv.) (Hortus Botanicus Salaspils, LV, 2004)
244. *Lunaria annua* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
245. *Malcolmia maritima* (L.) R. Br. (Hortus Botanicus Universitatis, Ulm, DE, 2000)
246. *Matthiola bicornis* (Sibth. et Sm.) DC. (Hortus Botanicus Universitatis Kaunensis, LT, 1999)
247. *Sinapis alba* L. (Natural origin, 2003)

CALYCANTHACEAE

248. *Calycanthus floridus* L. (Skinderiškis Arboretum, LT, 2002)
249. *Calycanthus fertilis* Walt. (Rogow Forest Experimental Station Arboretum, PL, 2006)

CAMPANULACEAE

250. *Campanula carpatica* Jacq. (Hortus Botanicus, Ulmo, DE, 2004)
251. *Campanula glomerata* L. (Hortus Botanicus, Goteborg, DE, 2005)
252. *Campanula medium* L. (Hortus Botanicus, Ulmo, DE, 2005)
253. *Campanula persifolia* L. (Hortus Botanicus, Riga, LT, 1999)
254. *Campanula pyramidalis* L. (Hortus Botanicus Universitatis, Ulm, DE, 1998)
255. *Campanula punctata* Nakai (Hortus Botanicus, Oldenburg, DE, 2003)
256. *Campanula rapunculoides* L. (Hortus Botanicus, Munchen, DE,)
257. *Jasione montana* L. (Hortus Botanicus Universitatis, Zurich, CH, 1998)
258. *Platycodon grandiflorum* (Jacq.) A. DC. (Hortus Botanicus Universitatis Tartuensis, LV, 2001)

CAPRIFOLIACEAE

259. *Abelia mosanensis* Chung ex Nakai (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
260. *Diervilla sessilifolia* Buckley (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
261. *Lonicera edulis* Turcz. ex Freyn (Hortus botanicus Klaipedensis, LT, 1995)
262. *Lonicera kamtschatica* (Sevast.) Pojark. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
263. *Lonicera tatarica* L. 'Arnold Red' (Private collector, LT, 2006)
264. *Lonicera involucreta* (Richards.) Banks ex Sprehng. (Settlement Morrum, Sweden, SE, 2006)
265. *Lonicera pileata* Oliv. (Botanical Garden of Klaipėda University, LT, 1997)

266. *Lonicera periclymenum* L. (Botanical Garden and Arboretum of Gottingen University, DE, 2013)
267. *Lonicera alpigena* L. 'Nana' (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
268. *Lonicera vesicaria* Kom. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
269. *Lonicera demissa* Rehder. (Botanical Garden of University Maria Curie-Sklodowska, Lublin, PL, 2013)
270. *Symphoricarpus x doorenbosii* 'Magic berry' (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2002)
271. *Kolkwitcia amabilis* Graebn. (Botanical Garden and Arboretum of Gottingen University, DE, 2002)

CARYOPHYLLACEAE

272. *Dianthus barbatus* L. (Hortus Botanicus Universitatis Šiaulensis, LT, 2001)
272. *Dianthus carthusianorum* L. (Hortus Botanicus Universitatis Šiaulensis, LT, 2003)
273. *Dianthus deltoides* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
274. *Dianthus gigantus* L. (Hortus Botanicus Universitatis Šiaulensis, LT, 2002)
275. *Dianthus gracilis* S. Kt. (Hortus Botanicus Universitatis Šiaulensis, LT, 2004)
276. *Dianthus graniticus* Vill. (Hortus Botanicus Universitatis Kaunensis, LT, 2000)
277. *Dianthus microlepis* Boiss. (Hortus Botanicus, Goteborg, DE, 2003)
278. *Dianthus nardiformis* Janka (Hortus Botanicus, Goteborg, DE, 2003)
279. *Dianthus plumarius* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
280. *Gypsophila elegans* M. Bieb. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
281. *Gypsophila paniculata* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
282. *Lychnis flos-cucli* L. (Hortus Botanicus, Riga, LT, 2001)
283. *Lychnis viscaria* L. (Hortus Botanicus, Munchen, DE, 2002)
284. *Saponaria officinalis* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
285. *Silene italica* (L.) Pers. (Hortus Botanicus Universitatis Viennensis, AT, 2003)
286. *Silene schafta* S. G. Gmel. Ex Hohen (Hortus Botanicus Universitatis, Strasbourg, FR, 2004)
287. *Viscaria vulgaris* Bernh. 'Splendens' (Hortus Botanicus Universitatis Kaunensis, LT, 1999)

CELASTRACEAE

288. *Euonymus alatus* (Thunb.) Sieb. (Private collector, PL, 2004)
289. *Euonymus alatus* (Thunb.) Sieb. 'Compacta' (Private collector, PL, 2006)
290. *Euonymus europaeus* L. 'Variegata' (Botanical Garden of Klaipėda University, LT, 2008)
291. *Euonymus europaeus* L. 'Red cascade' (Private collector, LV, 2006)
292. *Euonymus oxophyllus* Miq. (Botanical Garden and Arboretum of Gottingen University, DE, 2005)
293. *Euonymus macroptera* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
294. *Euonymus phellomana* Loes ex Diels (Private collector, PL, 2006)
295. *Euonymus hamiltonianus* Wall. subsp. 'Maackii' (Private collector, PL, 2006)
296. *Euonymus obovatus* Nutt. (Ecologic – Botanic Garden University Bayreuth, DE, 2010)
297. *Euonymus sacrosanctus* Koidz. (Rogow Forest Experimental Station Arboretum, PL, 2004)
298. *Euonymus hamiltonianus* Wall. subsp. sieboldianus (Private collector, PL, 2006)
299. *Tripterygium regelii* Sprague et Takeda (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
300. *Tripterygium wilfordii* Hook. (Karlsnava arboretum, LV, 2013)

CERCIDIPHYLLACEAE

301. *Cercidiphyllum japonicum* S. et Z. (Private collector, LT, 1998)

CHENOPODIACEAE

302. *Chenopodium album* L. (Natural origin, 2003)

303. *Chenopodium bonus-henricus* L. (Natural origin, 2003)

304. *Chenopodium rubrum* L. (Natural origin, 2003)

305. *Tetragonia tetragonoides* L. (Private collector, 2004)

CISTACEAE

306. *Helianthemum nummularium* L. 'Ben' (Hortus Botanicus Universitatis Vilnensis, LT, 2000)

307. *Helianthemum nummularium* L. 'Ben Hope' (Hortus Botanicus Universitatis Vilnensis, LT, 2000)

308. *Helianthemum nummularium* L. 'Fire Dragoon' (Hortus Botanicus Universitatis Kaunensis, LT, 1999)

CYPERACEAE

309. *Carex brunnescens* (Persoon) Poiret (Hortus Botanicus Universitatis Vilnensis, LT, 2001)

310. *Carex leporina* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)

311. *Carex muskingumensis* (Floriculture Experimental Station, Vilnius, LT, 2001)

312. *Carex typhina* Michaux (Floriculture Experimental Station, Vilnius, LT, 2001)

CLETHRACEAE

313. *Clethra alnifolia* L. (Hortus Botanicus Nationalis Salaspils, Latvia, LT, 2006)

CONVOLVULACEAE

314. *Convolvulus tricolor* L. (Natural origin, 2004)

315. *Ipomoea purpurea* (L.) Roth (Natural origin, 2003)

CORNACEAE

316. *Cornus mas* L. (Plungė Arboretum, LT, 1999)

317. *Cornus stolonifera* Michx. 'Flaviramea' (Private collector, LT, 2003)

318. *Cornus foemina* A. Mill. (Ecologic – Botanic Garden University Bayreuth, DE, 2007)

319. *Cornus sericea* L. (Private collector, LT, 1999)

CRASSULACEAE

320. *Sedum album* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)

CUCURBITACEAE

321. *Bryonia dioica* Jacq. (Universitat Bayreuth Okologisch Botanic Garden, DE, 2005)

DIPSACACEAE

322. *Knautia arvensis* L. Coult. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2006)

323. *Scabiosa atropurpurea* L. (Hortus Botanicus Tartu, EE, 2012)

324. *Scabiosa columbaria* L. (Hortus Botanicus Tartu, EE, 2012)

325. *Scabiosa stellata* Beck. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2012)

ELAEAGNACEAE

326. *Elaeagnus commutata* Bernh. (Private collector, LT, 1996)

327. *Elaeagnus montana* Makino (Arboretum Bolestraszyce, PL, 2010)
328. *Elaeagnus umbellata* Thunb. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2002)
329. *Elaeagnus multiflora* Thunb. (Private collector, LT, 2012)

ERICACEAE

330. *Oxycoccus macrocarpus* (AITON) PursR. (Private collector, 2008)
331. *Vaccinium vitis* – idea L. (Private collector, 2006)

EUPHORBIACEAE

332. *Euphorbia polychroma* Kern. (Floriculture Experimental Station, Vilnius, LT, 2003)

FABACEAE

333. *Amorpha paniculata* Torr. & A.Gray (Botanischer Garten Universitat Ulm, DE, 2008)
334. *Astragalus glycyphyllos* L. (Selection center of LAI, LT, 2002)
335. *Baptisia tinctoria* R. Br. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)
336. *Baptisia australis* L. (Bergius Botanic Garden, SE, 2013)
337. *Caragana aurantiaca* Koehne (Hortus botanicus Klaipedensis, LT, 2001)
338. *Desmodium canadense* (L.) DC. (Karlsnava arboretum, LV, 2013)
339. *Galega officinalis* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
340. *Genista tinctoria* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
341. *Glycine soja* Sieb. & Zucc. (Private collector, 2003)
342. *Glycyrrhiza echinata* L. (Universitat Bayreuth Okologisch Botanic Garden, DE, 2004)
343. *Laburnum alpinum* Grisb. (Hortus botanicus Klaipedensis, LT, 1999)
344. *Laburnum anagyroides* Medik. (Hortus botanicus Klaipedensis, LT, 2008)
345. *Laburnum anagyroides* Medik. 'Quercifolium' (Botanical Garden of University Maria Curie-Sklodowska, Lublin, PL, 2014)
346. *Robinia hispida* L. (Hortus botanicus Klaipedensis, LT, 2001)
347. *Thermopsis thombifolia* L. (Botanic Garden of Copenhagen, DK, 2001)

FAGACEAE

348. *Fagus grandifolia* Ehrh. (syn, *F. americana* Sw.) (Private collector, LT, 2002)
349. *Fagus sylvatica* L. (Hortus botanicus Klaipedensis, LT, 1998)
350. *Quercus macranthera* Fisch. & Mey. (Skinderiškis arboretum, LV, 2002)
351. *Quercus petraea* (Matt.) Liebl. (Hortus botanicus Klaipedensis, 1991, LT)
352. *Quercus petraea* (Matt.) Liebl. 'Laciniata' (Private collector, LT, 2010)
353. *Quercus rubra* L. (Private collector, LT, 2008)

GENTIANACEAE

354. *Gentiana pannonica* Scop. (Hortus Botanicus, Ulmo, DE, 2002)
355. *Gentiana tibetica* L. (Hortus Botanicus, Munchen, DE, 2001)

GERANIACEAE

356. *Geranium macrorrhizum* L. (Floriculture Experimental Station, Vilnius, LT, 2001)

GLOBULARIACEAE

357. *Globularia bisnagarica* L. (Botanischer Garten Universitat Dresden, DE, 2003)

GROSSULARIACEAE

358. *Ribes aciculare* Sm. (Botanical Garden of Barnaul University, RU, 2007)
359. *Ribes aureum* Pursh. (Private collector, LT, 1998)

360. *Ribes divaricatum* Douglas (Hortus Botanicus Universitatis Vilnensis, LT, 2007)
361. *Ribes orientale* Desf. (Botanischer Garten Universitat Ulm, DE, 2005)
362. *Ribes rubrum* L. (Private collector, LT, 2010)
363. *Ribes sanquineum* Pursh. (Hortus botanicus Klaipedensis, LT, 1998)

HAMAMELIDACEAE

364. *Hamamelis virginiana* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
365. *Hamamelis japonica* Sieb et Zucc. (Ecologic – Botanic Garden University Bayreuth, DE, 2007)
366. *Hamamelis x intermedia* 'Westerstede' (Private collector, PL, 2006)

HYACINTHACEAE

367. *Galtonia candicans* L. (Floriculture Experimental Station, Vilnius, LT, 2001)

HYDROPHYLLACEAE

368. *Phacelia tanacetifolia* Benth. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2008)

HYPERICACEAE

369. *Hypericum reptans* J.D.Hooker. & Thomson (Private collector, PL, 2010)

HYDRANGEACEAE

370. *Hydrangea heteromalla* D.Don (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
371. *Hydrangea bretschneiderii* Dippel. (Botanical garden of state university Yoshkar-ola, RU, 2012)
372. *Philadelphus x virginalis* Rehd. (Private collector, LT, 2003)
373. *Deutzia x hybrida* Lemoine 'Strawberry field' (Private collector, LV, 2006)
374. *Deutzia x rosea* 'Campanulata' (Private collector, LT, 2003)

HIPPOCASTANACEAE

375. *Aesculus pavia* L. (Skinderiskis arboretum, LT, 2005)

JUGLANDACEAE

376. *Juglans ailanthifolia* Carr. (Skinderiškis Arboretum, LT, 2002)
377. *Juglans cinerea* L. (Plungė Arboretum, LT, 1999)
378. *Juglans cordiformis* Maxim (Hortus botanicus Klaipedensis, LT, 1998)
379. *Juglans maudshurica* Max. (Kretinga arboretum, LT, 1999)

LAMIACEAE

380. *Betonica officinalis* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
381. *Calamintha grandiflora* (L.) Moench. (Bundes garden Vien, AT, 2012)
382. *Calamintha nepeta* (L.) Savi. (Bundes garden Vien, AT, 2012)
383. *Dracocephalum moldavica* L. (Botanical garden of Šiauliai university, LT, 2012)
384. *Hyssopus officinalis* L. (Private collector, 1993m)
385. *Lamium album* L. (Natural origin, 1993)
386. *Lavandula angustifolia* Mill. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
387. *Leonurus cardiaca* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
388. *Lophanthus anisatus* Benth. (Hortus Botanicus Salaspils, LV, 2002)
389. *Marrubium vulgare* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
390. *Melissa officinalis* L. var. *Citriodorus* (Private collector, 1993)

391. *Monardella villosa* L. (Hortus Botanicus Universitatis Zagradiensis, HR, 2013)
 392. *Nepeta cataria* L. (Hortus plantarum medicinarum Universitatis Wroclaw, PL, 2013)
 393. *Nepeta pannonica* L. (Hortus plantarum medicinarum Universitatis Wroclaw, PL, 2013)
 394. *Nepeta fassenii* L. (Alpijskij botaniceskij sad-institut Kirovsk, RU, 2013)
 395. *Origanum vulgare* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
 396. *Perilla frutescens* L. (Private collector, 2007)
 397. *Salvia officinalis* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
 398. *Salvia sclarea* var. *turkestanica* (Pharmaceutical botanical garden "Fran Kusan" Zagreb, HR, 2013)
 399. *Salvia splendens* Ker Gawl. (Gradina Botanica a „Anastasiu Fatu“ RO, 2014)
 400. *Salvia viridis* L. (Gradina Botanica a „Anastasiu Fatu“, RO, 2014)
 401. *Saturea montana* L. (Private collector, 2003)
 402. *Scutellaria alpina* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
 403. *Scutellaria altissima* L. (Botanical garden of Šiauliai university, LT, 2010)
 404. *Scutellaria baicalensis* George (Botanical garden of Šiauliai university, LT, 2010)
 405. *Rubia tinctorium* L. (Private collector, 2004)
 406. *Thymus vulgaris* L. (Private collector, 2003)
 407. *Teucrium scordium* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)

LARDIZABALACEAE

408. *Decaisnea fargesii* Franch. (Rogow Forest Experimental Station Arboretum, PL, 2005)

LINACEAE

409. *Linum grandiflorum* Desf. (Hortus Botanicus Universitatis Vilnensis, LT, 1998)
 410. *Linum perenne* L. (Hortus Botanicus, Civico Orto, IT, 2004)
 411. *Linum usitatissimum* L. (Private collector, 1993)

MAGNOLIACEAE

412. *Magnolia kobus* DC. (Botanical Garden of Kaliningrad University, RU, 2004)
 413. *Magnolia stellata* (S. et Z.) Maxim. (Private collector, LT, 2003)
 414. *Magnolia acuminata* L. (Private collector, LT, 2003)
 415. *Magnolia tripetala* L. (Rogow Forest Experimental Station Arboretum, PL, 2004)

MALVACEAE

416. *Alcea rosea* Falk 'Rosea' (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2000)
 417. *Alcea rosea* Falk 'Rubra' (Hortus Botanicus, Strasbourg, FR, 2002)
 418. *Lavatera thuringiaca* L. (Hortus Botanicus Universitatis Kaunensis, LT, 2000)
 419. *Malva verticillata* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
 420. *Malva neglecta* Wallr. (Floriculture Experimental Station, Vilnius, LT, 2004)
 421. *Malva sylvestris* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)

MENISPERMACEAE

422. *Menispermum canadensis* DC. (Hortus Botanicus Nationalis Salaspils, LV, 1993)
 423. *Menispermum davuricum* DC. (Hortus Botanicus Nationalis Salaspils, LV, 1993)

MORACEAE

424. *Morus alba* L. (Kaunas city, public area, 1950, LT)
 425. *Morus rubra* L. (Botanical Garden and Arboretum of Göttingen University, DE, 2002)
 426. *Morus australis* Poir. (Rogow Forest Experimental Station Arboretum, PL, 2006)

MYRICACEAE

427. *Myrica pensylvanica* Loisel. (Rogow Forest Experimental Station Arboretum, PL, 2002)

OLEACEAE

428. *Forsythia ovata* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
429. *Forsythia x intermedia* 'Lynwood Gold' (Private collector, LT, 2003)
430. *Forsythia giraldiana* Lingelsh. (Skinderiškis Arboretum, LT, 2002)
431. *Ligustrum vulgare* L. (Hortus botanicus Klaipedensis, LT, 1998)
432. *Ligustrum vulgare* L. 'Golduna' (Private collector, LT, 2003)

ONAGRACEAE

433. *Oenothera perennis* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
434. *Oenothera rosea* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
435. *Oenothera tetragona* Roth. (Hortus Botanicus Universitatis Kaunensis, LT, 1999)

PAEONIACEAE

436. *Paeonia suffruticosa* Andrews (Skinderiškis Arboretum, LT, 2002)

PAPAVERACEAE

437. *Escholzia californica* Cham. (Hortus Botanicus, Ulmo, DE, 2002)
438. *Escholzia cilliata* L. (Hortus Botanicus Universitatis Kaunensis, LT, 1999)
439. *Macleaya cordata* (Willd.) R. Br. (Universitat Oldenburg Botanischer, DE, 2001)
440. *Macleaya microcarpa* L. (Green Support Services University Gardens Kopenhaga, DK, 2014)
441. *Papaver bracteatum* Lind. (Hortus Botanicus Universitatis Vilnensis, Lt, 1999)
442. *Papaver dubium* L. (Hortus Botanicus Universitatis Vilnensis, Lt, 1999)
443. *Papaver lapponicum* (Tolm.) Nordh. (Hortus Botanicus, Ulmo, DE, 2004)
444. *Papaver miyabeianum* 'Pacino' (Hortus Botanicus, Munchen, DE, 2002)
445. *Papaver somniferum* L. (Floriculture Experimental Station, Vilnius, LT, 1999)

PLANTAGINACEAE

446. *Plantago afra* L. (Botanical Garden of the university of Ulm, DE, 2003)
447. *Plantago coronopus* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
448. *Plantago lanceolata* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
449. *Plantago major* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
450. *Plantago maritima* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
451. *Plantago nivalis* L. (Masaryk University Faculty of Medicinal Herbs Centre, CZ, 2014)

PLUMBAGINACEAE

452. *Armeria ruscinonensis* Gviard. (Floriculture Experimental Station, Vilnius, LT, 2002)
453. *Armeria vulgaris* Willd. (Hortus Botanicus, Riga, LT, 2001)
454. *Limonium sinuatum* L. Mill. (Hortus Botanicus, Greifswald, DE, 2001)

POACEAE

455. *Briza maxima* L. (Floriculture Experimental Station, Vilnius, LT, 2000)
456. *Briza media* L. (Floriculture Experimental Station, Vilnius, LT, 2000)

457. *Digitaria sanguinalis* L. Scop. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1999)
458. *Festucia ovina* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
459. *Lagurus ovatus* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1999)
460. *Pennisetum vilosum* L. Spreng. (Privat collector, LV, 2006)
461. *Poa bulbosa* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
462. *Poa chaixii* Will. (Privat arboretum, LV, 2004)
463. *Setaria italica* L. P. Beauv. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1999)
464. *Sorghum bicolor* L. Moench. Cernum (Botanischer Garten Greifswald, DE, 2005)
465. *Sorghum nigricans* L. (Botanischer Garten Greifswald, DE, 2002)
466. *Zea mays* L. (Private collector, 2001)

POLEMONIACEAE

467. *Phlox drummondii* Hook. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
468. *Polemonium caeruleum* L. (Privat collector, LV, 2002)
469. *Polemonium carneum* A. Gray (Hortus Botanicus Riga, LT, 2002)

POLYGONACEAE

470. *Rheum rhabarbarum* L. (Private collector, 2001)
471. *Rheum palmatum* L. (Private collector, 2001)
472. *Rheum rhaponticum* L. (Botanical Garden of the TU Dresden, DE, 2004)
473. *Rumex acetosa* L. (Karl-Franzens Universitat Graz, AT, 2014)
474. *Rumex crispus* L. (Karl-Franzens Universitat Graz, AT, 2014)
475. *Fagopyrum esculentum* Moench. (Private collector, 2003)
476. *Polygonum bistorta* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2001)

PORTULACACEAE

477. *Portulaca grandiflora* Hook. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2006)

PRIMULACEAE

478. *Dodecatheon hendersonii* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
479. *Primula elatior* (L.) Mill. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2002)
480. *Primula farinosa* L. (Hortus Botanicus Universitatis Siaulensis, LT, 2004)
481. *Primula polyneura* L. (Hortus Botanicus Universitatis Siaulensis, LT, 2004)
482. *Primula veris* L. (Natural origin, 1993)
483. *Primula vialii* Delavay ex Franch. (Hortus Botanicus, Bonn, DE, 2002)

RANUNCULACEAE

484. *Aconitum lasiocarpum* (Rchb.) Gayer. (Hortus plantarum medicinarum universitatis Wroclaw, PL, 2013)
485. *Anemone silvestris* L. (Hortus Botanicus, Bonn, DE, 2002)
486. *Aquilegia atrovinosa* M. Pop. (Palacy University, CZ, 2004)
487. *Aquilegia vulgaris* L. (Hortus Botanicus der Universitat, Greifswald, DE, 2004)
488. *Cimicifuga racemosa* (The Charles university of Prague, CZ, 2010)
489. *Clematis koreana* Kom. (Hortus Botanicus Universitatis Vilnensis, LT, 2012)
490. *Clematis alpina* Mill. 'Ruby' (Private collector, LT, 2003)
491. *Clematis hexapetala* Pall. (Dansk Iris og Lilje Klub, DK, 2010)
492. *Clematis madshurica* Rubr. (Jardin Botanique de Strasbourg ,FR, 2004)
493. *Clematis* "Rouge cardinal" (Private collector, PL, 2012)
494. *Clematis macropetala* Ledeb. (Hortus Botanicus Universitatis Vilnensis, LT, 2012)

495. *Delphinium elatum* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
 496. *Delphinium cultorum* Voss. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
 497. *Pulsatilla serotina* Magnier. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
 498. *Pulsatilla vulgaris* Mill. (Hortus Botanicus Universitatis Vilnensis, LT, 2006)
 499. *Ranunculus acris* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
 500. *Ranunculus flammula* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
 501. *Ranunculus sardous* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
 502. *Thalictrum aquilegifolium* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
 503. *Thalictrum glaucum* Desf. (Botanical Garden of the TU Dresden, DE, 2006)
 504. *Thalictrum minus* L. subsp. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2001)
 505. *Thalictrum purpurascens* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2003)

RHAMNACEAE

506. *Rhamnus frangula* L. (Botanical garden in Lodz, PL, 2014)

ROSACEAE

507. *Amelanchier alnifolia* Nutt. (Dubrava Arboretum, LT, 2004)
 508. *Amelanchier ovalis* Medik. (*A. rotundifolia* Roem.) (Botanical Garden of University Maria Curie-Sklodowska, Lublin, PL, 2013)
 509. *Amelanchier lamarckii* F.G. Schroder. (Dubrava Arboretum, Lithuania, LT, 2004)
 510. *Amelanchier canadense* L. Med. (Hortus botanicus Klaipedensis, LT, 1997)
 511. *Cerasus pumila* (L.) Michx. 'Depressa' (Private collector, LV, 2005)
 512. *Cerasus tomentosa* Wall. (Hortus botanicus Klaipedensis, LT, 1998)
 513. *Cotoneaster bullatus* Bois. (Private collector, PL, 2011)
 514. *Cotoneaster nanshan* M. Wilmorin ex Mottet (Botanical Garden and Arboretum of Gottingen, DE, 2008)
 515. *Cotoneaster dammeri* C. K. Schneid. 'Coral Beauty' (Private collector, LT, 2003)
 516. *Cotoneaster dielsiana* E. Pritz. (Private collector, LT, 2006)
 517. *Cotoneaster integerrima* Med. (Botanical Garden of Kaliningrad University, RU, 2002)
 518. *Cotoneaster lucidus* Schlecht. (Hortus botanicus Klaipedensis, LT, 1997)
 519. *Cotoneaster roseus* Edgew. (Botanical Garden and Arboretum of Gottingen University, DE, 2013)
 520. *Cotoneaster suavis* Pojark (Hortus Botanicus Nationalis Salaspils, LV, 2008)
 521. *Crataegus monogyna* Jacq. (Hortus botanicus Klaipedensis, LT, 1996)
 522. *Crataegus orientale* Pojark. (Private collector, PL, 2006)
 523. *Crataegus x lavalleyi* (Private collector, LT, 2008)
 524. *Crataegus maximowiczii* C. Schneid. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
 525. *Crataegus submollis* (Torr. et A. Gray) Scheele (Hortus botanicus Klaipedensis, LT, 1998)
 526. *Crataegus coccinea* L. (Private collector, PL, 2006)
 527. *Cydonia oblonga* Mill. (Hortus botanicus Klaipedensis, LT, 1995)
 528. *Exochorda albertii* Rgl. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
 529. *Exochorda giraldii* Hesse (Dubrava Arboretum, LT, 2004)
 530. *Filipendula vulgaris* Moench. ((Hortus Botanicus Universitatis Šiaulensis, LT, 2003)
 531. *Geum coccineum* Sibth. et. Sm. (Floriculture Experimental Station, Vilnius, LT, 2003)
 532. *Geum urbanum* L. (Floriculture Experimental Station, Vilnius, LT, 2005)
 533. *Malus baccata* L. Borkn. 'Brouwers' (Private collector, LV, 2006)
 534. *Malus niedzwetzkyana* Dieck. (Hortus botanicus Klaipedensis, LT, 1998)
 535. *Malus domestica* Borkh. 'Profusion' (Private collector, LV, 2006)
 536. *Padus maackii* Kom. (Hortus botanicus Klaipedensis, LT, 1993)
 537. *Padus virginiana* (L.) M. Roem. 'Shubert' (Private collector, LV, 2005)
 538. *Padus* (Mill.) Turcz. 'Colorata' (Private collector, LT, 2010)

539. *Photinia villosa* (Thunb.) DC var. *laevis* (Greifswald Botanical Garden and Arboretum, DE, 2007)
540. *Potentilla erecta* L. (Natural origin, 2006)
541. *Potentilla fragiformis* Willd. (Hortus Botanicus Universitatis Vilnensis, LT, 2009)
542. *Potentilla norvegica* L. (Hortus botanicus Riga, LV, 2005)
543. *Pyracantha coccinea* M. Roem. (Klaipeda city, public area, LT, 1992)
544. *Prinsepia uniflora* Batalin (Botanical Garden and Arboretum of Gottingen University, DE, 2004)
545. *Pyrus salicifolia* Pall. 'Pendula' (Private collector, PL, 2006)
546. *Rhodotypos kerrioides* Sieb. et Zucc (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
547. *Rosa jundzillii* Besser (Hortus botanicus Vindobonensis, AT, 2012)
548. *Rosa nitida* Willd. (Private collector, LT, 2008)
549. *Rosa moyesii* Hemsl. (Botanical Garden of the Polish Academy of Sciences in Warsaw, PL, 2008)
550. *Rosa pimpinellifolia* L. (Hortus botanicus Klaipedensis, LT, 2003)
551. *Rosa rugosa* Thunb. 'Alba' (Hortus botanicus Klaipedensis, LT, 1997)
552. *Rubus odoratus* L. (Botanical garden of Kaliningrad University, RU, 2003)
553. *Sanguisorba officinalis* L. (Natural origin, 2004)
554. *Sanguisorba minor* Scop. (Private collector, 2008)
555. *Sibiraea laevigata* (L.) Maxim (Dubrava Arboretum, LT, 2004)
556. *Sorbaria sorbifolia* (L.) A. Braun 'Sem' (Unknown origin)
557. *Sorbus americana* Marsh. (Bergius Botanic Garden, Stockholm, SE, 2004)
558. *Sorbus amurensis* Koehne (Botanical garden of Kaliningrad University, RU, 2002)
559. *Sorbus aria* L. Crantz. (Hortus botanicus Klaipedensis, LT, 1997)
560. *Sorbus aucuparia* L. 'Asplenifolia' (Private collector, LV, 2005)
561. *Sorbus aucuparia* L. 'Edulis' (Private collector, PL, 2006)
562. *Sorbus aucuparia* L. 'Granatnaja' (Private collector, LV, 2006)
563. *Sorbus aucuparia* L. 'Krasnaja Krupnaja' (Private collector, LV, 2006)
564. *Sorbus aucuparia* L. 'White Swan' (Private collector, LV, 2005)
565. *Sorbus aucuparia* L. 'Golden Wonder' (Private collector, PL, 2006)
566. *Sorbus aucuparia* 'Moravia Neviezinskaja' (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
567. *Sorbus aucuparia* L. 'Coral Pink' (Private collector, PL, 2006)
568. *Sorbus aucuparia* L. 'Kubovaja' (Private collector, LV, 2006)
569. *Sorbus aucuparia* L. 'Pink Veil' (Private collector, PL, 2006)
570. *Sorbus intermedia* Pers. (Hortus botanicus Klaipedensis, LT, 1997)
571. *Sorbus kashmiriana* Hedl. (Rogow Forest Experimental Station Arboretum, PL, 2006)
572. *Sorbus x thuringiaca* 'Fastigiata' (Private collector, LT, 2003)
573. *Sorbus torminalis* (L.) Crantz. (Rogow Forest Experimental Station Arboretum, PL, 2006)
574. *Sorbus wilmorini* Schneid. (Private collector, LT, 2003)
575. *Spiraea beauverdiana* C.K. (Shneid.) (Botanical garden of state university Yoshar-ola, RU, 2012)
576. *Spiraea chamaedryfolia* L. (Hortus botanicus Klaipedensis, LT, 1998)
577. *Spiraea japonica* L. 'Macrophylla' (Hortus botanicus Klaipedensis, LT, 1998)

RUBIACEAE

578. *Asperula tinctoria* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
579. *Cephalanthus occidentalis* L. (Private collector, LT, 2006)
580. *Galium aparina* L. (Botanical Garden of University of Siena, IT, 2010)
581. *Galium spurium* L. (Botanical Garden University of Graz, AT, 2008)
582. *Rubia tinctorum* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)

RUTACEAE

583. *Phellodendron amurense* Rupr. (Hortus botanicus Klaipedensis, LT, 1999)
584. *Ptelea trifoliata* L. (Botanischer Garten Universitat Ulm, DE, 2004)
585. *Ruta graveolens* L. (Privat collector, Klaipėda, LT, 1999)

SAXIFRAGACEAE

586. *Bergenia crassifolia* L. Fritsch (Hortus botanicus Oldenburg, DE, 2001)
587. *Heuchera chlorastha* L. (Floriculture Experimental Station, Vilnius, LT, 2002)
588. *Heuchera sanguinea* Engelm. (Floriculture Experimental Station, Vilnius, LT, 2002)
589. *Tellima grandiflora* R. Br. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1999)

SCROPHULARIACEAE

590. *Digitalis grandiflora* Mill. (Hortus Botanicus, Riga, LV, 2002)
591. *Digitalis purpurea* L. (Floriculture Experimental Station, Vilnius, LT, 2002)
592. *Digitalis purpurea* L. 'Alba' (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2000)
593. *Gratiola officinalis* L. (Botanic Garden of Copenhagen, DK, 2001)
594. *Nemesia strumosa* Benth. (Hortus Botanicus universitatis Vilnensis, LT, 1999)
595. *Penstemon barbatus* (Cav.) Roth. (Hortus Botanicus, Riga, LV, 2001)
596. *Penstemon barretiae* A. Gray (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2000)
597. *Penstemon cardwelii* Howell (Hortus Botanicus, Riga, LV, 2004)
598. *Verbascum densiflorum* Bertol. (Botanical Garden Milano, IT, 2005)
599. *Veronica officinalis* L. (Universitat Bayreuth Okologisch Botanischer Garden, DE, 2004)
600. *Veronika spicata* L. (Botanical Garden Geneva, IT, 2004)

SOLANACEAE

601. *Datura stramonium* L. (Privat collector, 2001)
602. *Hyoscyamus niger* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
603. *Nicandra physalodes* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
604. *Saracha edulis* L. (Privat collector, 2013)
605. *Scopolia carniolica* Jacq. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)
606. *Scopolia physaloides* (L.) Dunol. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1993)

SHIZANDRACEAE

607. *Schisandra chinensis* Baill. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)

STAPHYLEACEAE

608. *Staphylea bumalda* Sieb et Zucc. (Skinderiškis Arboretum, LT, 2002)
609. *Staphylea pinnata* L. (Hortus botanicus Klaipedensis, LT, 2002)

THYMELAEACEAE

610. *Daphne mezereum* L. (Wild area Panevėžis reg., LT, 2001)
611. *Daphne mezereum* L. var. *alba* West. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2002)

TILIACEAE

612. *Tilia americana* L. (Raudondvaris Arboretum, LT, 2003)

613. *Tilia x moltkei* Spath. (Skinderiškis Arboretum, LT, 2010)

TROPAEBLOACEAE

614. *Tropaeolum majus* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)

ULMACEAE

615. *Celtis occidentalis* L. (Botanical Garden and Arboretum of Gottingen University, DE, 2003)

VALERIANACEAE

616. *Valeriana officinalis* L. (Private collector, 2006)

617. *Valeriana prorescens* L. (Private collector, 2008)

VERBENACEAE

618. *Verbena bonariensis* L. (Hortus botanicus Riga, LV, 2006)

619. *Verbena hybrida* Voss. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2002)

620. *Verbena officinalis* L. (Universitat Bayreuth Okologisch Botanischer Garden, DE, 2003)

VITACEAE

621. *Ampelopsis brevipedunculata* (Maxim) Trautv. (Arboretum Bolestraszyce, PL, 2009)

622. *Parthenocissus tricuspidata* Planch. 'Veitchii' (Private collector, PL, 2006)

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