



**BOTANICAL GARDEN OF
KLAIPĖDA UNIVERSITY**

INDEX SEMINUM 2021



**Klaipėda
2021**

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

Facebook: <http://www.ku.lt/botanikos-sodas>

Instagram: ku.botanikossodas

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

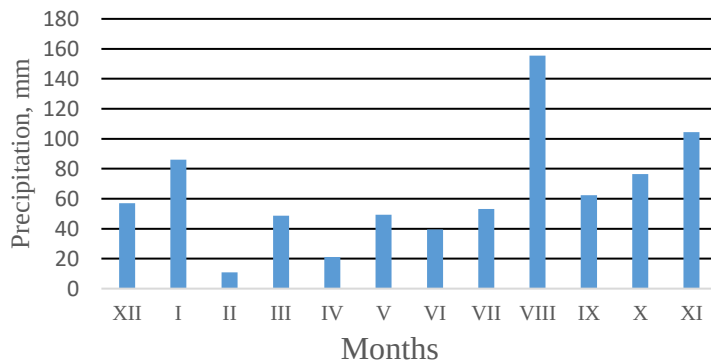
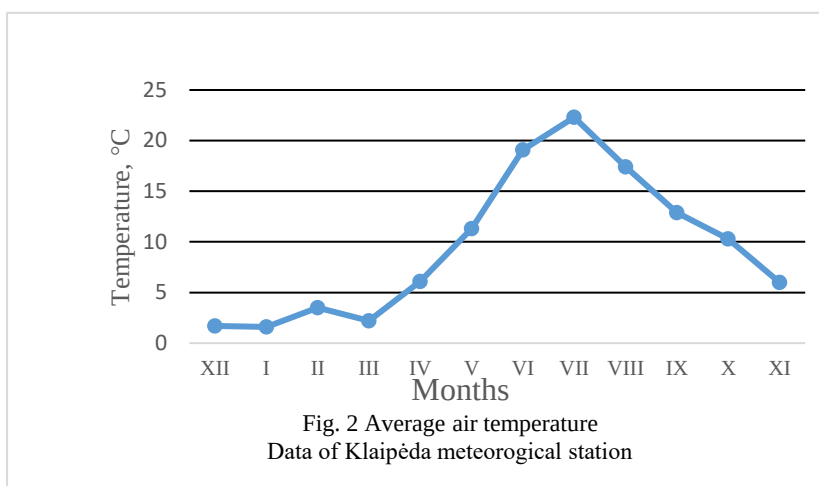


Fig. 1 Distribution of precipitation
Data of Klaipėda meteorological station



Geographical situation:

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

latitude: 55° 43' 30"

longitude: 21° 10' 25"

Climatic conditions:

Living plant collections (31-12-2021):

- conifer and deciduous trees and shrubs – 1536 taxa
- ornamental herbaceous (including bulbous plants and Rosa) – 1184 taxa
- medicinal and spice plants – 460 taxa
- indigenous on the territory of the Botanical Garden– 300 taxa

Seed collectors of Klaipėda University Botanical Garden: J. Ignotienė, L. Normantė, L. Razmuvienė A. Švanys.

Text editor: R. Buivydė

Authors: J. Ignotienė, A. Klimienė, L. Normantė, L. Razmuvienė, A. Švanys.

PINOPHYTA

CUPRESSACEAE

1. *Chamaecyparis lawsoniana* (A. Murray Bis) Parl. (HBU Vilnensis, LT, 2003)
2. *Juniperus communis* L. (Unknown collector, LT, 1994)
3. *Metasequoia glyptostroboides* Hu et Cheng (Private collector, CZE, 2002)
4. *Metasequoia glyptostroboides* Hu et Cheng 'Golden Rush' (Private collector, PL, 2007)
5. *Thuja dolabrata* (L. F.) Siebold et Zucc. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1997)

PINACEAE

6. *Abies concolor* (Gordon et Gled.) Lindl. Ex Hildebr. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1997)
7. *Abies nordmanniana* (Steven) Spach (Private collector, PL, 2004)
8. *Larix kurilensis* (Mayr) Cin. (Private collector, LT, 2012)
9. *Larix x russica* (Endl.) Sabine ex Trautv. (Arboretum Dubravae, LT, 2012)
10. *Picea abies* L. H. Karst. (Private collector, LT, 1994)
11. *Picea abies* L. H. Karst. 'Pendula Major' (Private collector, LT, 2004)
12. *Picea glehnii* (Fr. Schmidt) Masters (Skinderiškis Dendrological Park, LT, 2008)
13. *Picea orientalis* (L.) Link 'Aureospicata' (Private collector, LT, 2003)
14. *Pinus armandii* French. (Private collector, LT, 2004)
15. *Pinus mugo* Turra (Private collector, LT, 1997)
16. *Pinus peuce* Griseb (Private collector, LT, 2000)
17. *Pinus ponderosa* Douglas (Private collector, LT, 2004)
18. *Pinus sibirica* Du Tour (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
19. *Pinus sylvestris* L. (Private collector, LT, 1994)
20. *Pinus uncinata* Mill. ex Mirb. (Kaunas Botanic Garden, Vytautas Magnus University, LT, 1994)
21. *Pinus wallichiana* Jacks. (Private collector, LT, 2002)
22. *Pseudotsuga menziesii* (Mirb.) Franco var. *glauca* (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 1997)
23. *Tsuga canadensis* L. (Private collector, LT, 2003)

TAXACEAE

24. *Taxus baccata* L. 'Fastigiata Robusta' (Private collector, PL, 2004)

MAGNOLIOPHYTA

ACERACEAE

25. *Acer campestre* L. (Private collector, LT, 2003)
26. *Acer ginnala* L. (Botanical Garden and Arboretum of Gottingen University, DE, 2002)
27. *Acer tataricum* L. (Private collector, LT, 1995)
28. *Acer turkestanicum* Pax. (Botanischer Garten Universitat Ulm, DE, 2005)

ADOXACEAE

- 29. *Viburnum lantana* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
- 30. *Viburnum lentago* L. (Private collector, LV, 2007)
- 31. *Viburnum mongolicum* (Pall.)Rehder (Hortus Botanicus Universitatis Vilnensis, LT, 2013)
- 32. *Viburnum opulus* L. (Klaipėda university Botanical garden, LT, 1998)
- 33. *Viburnum trilobum* Marsh. (Private collector, LT, 2004)

ACTINIDIACEAE

- 34. *Actinidia kolomicta* Max. (Private collector, LT, 1999)

AMARANTHACEAE

- 35. *Amaranthus caudatus* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)
- 36. *Amaranthus cruentus* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)
- 37. *Corispermum leptopterum* (Asch.) Iljin (Nature, LT, 2021)
- 38. *Salsola kali* L. (Curonian spit national park, LT, 2020)

AMARYLLIDACEAE

- 39. *Allium cepa* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 40. *Allium flavum* L. (Gradina Botanica a Anastasie Fatu, RO, 2010)
- 41. *Allium moly* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
- 42. *Allium sativum* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 43. *Allium sphaerocephalon* L. (Private collector, LT, 2020)
- 44. *Allium ursinum* L. (Private collector, LT, 2010)

ANACARDIACEAE

- 45. *Cotinus coggygria* Scop. (Klaipėda university Botanical garden, LT, 1998)
- 46. *Rhus typhina* L. (Private collector, LT, 1998)
- 47. *Toxicodendron vernicifluum* (Stokes) F. A. Barkley (Greifswald Botanical Garden and Arboretum, DE, 2007)

APIACEAE

- 48. *Ammi majus* L. (Private collector, LT, 1993)
- 49. *Angelica archangelica* L. (Private collector, LT, 1993)
- 50. *Astrantia major* 'Star of Beauty' (Z S Berzini, LV, 2017)
- 51. *Astrantia major* 'Star of Billion' (Z S Berzini, LV, 2017)
- 52. *Carum carvi* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
- 53. *Coriandrum sativum* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 54. *Conium maculatum* L. (Private collector, LT, 2017)

55. *Eryngium bromeliifolium* F. Delaroché (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2001)
56. *Eryngium planum* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)
57. *Foeniculum vulgare* Mill (Private collector, LT, 2002)
58. *Levisticum officinale* W. D. J. Koch. (Private collector, LT, 1993)
59. *Petroselinum sativum* Hoff. (Private collector, LT, 1993)
60. *Pimpinella anisum* L. (Private collector, LT, 1993)

ARALIACEAE

61. *Aralia chinensis* L. (Skinderiskis arboretum, LT, 2002)
62. *Eleutherococcus sieboldianus* (Makino) Koidz. (Unknown)
63. *Eleutherococcus sieboldianus* (Makino) Koidz. (Unknown)

APOCYNACEAE

64. *Asclepias syriaca* L. (Hortus Botanicus Bonn, DE, 2001)

ASCLEPIADACEAE

65. *Periploca sepium* Bunge (Klaipėda university Botanical garden, LT, 1998)

ASPARAGACEAE

66. *Anthericum ramosum* L. (Z S Berzini, LV, 2017)
67. *Galtonia candicans* (Baker) Decne (Hortus Botanicus Oldenburg, DE, 2001)

ASTERACEAE

68. *Achillea millefolium* L. (Natural origin, LT, 1993)
69. *Achillea millefolium* L. (Nature, LT, 2021)
70. *Achillea distans* Waldst. & Kit. Ex Willd. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2002)
71. *Anthemis tinctoria* L. (Private collector, LT, 2003)
72. *Anthemis arvensis* L. Gaertn. (Private collector, LT, 2003)
73. *Arctium lappa* L. (Natural origin, LT, 1997)
74. *Artemisia campestris* Pursh (Nature, LT, 2021)
75. *Aster tripolium* L. (Nature, LT, 2021)
76. *Balzamita major* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1998)
77. *Bidens tripartita* L. (Natural origin, LT, 1999)
78. *Bidens tripartita* L. (Nature, LT, 2021)
79. *Bupthalmum salicifolium* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1998)
80. *Calendula arvensis* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2004)
81. *Calendula officinalis* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
82. *Carduus acanthoides* L. (Hortus Botanicus der Universitat, Greifswald, DE, 2002)
83. *Centaurea cyanus* L. (University of Warsaw Botanic Garden, PL, 2020)
84. *Centaurea dealbata* Willd. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2000)
85. *Cichorium intybus* L. (Nature, LT, 2021)

86. *Cirsium arvense* L. Scop. (Nature, LT, 2021)
87. *Cnemaemelum noble* L. (Hortus Botanicus Kaunensis, LT, 2010)
88. *Cynara csolymus* L. (Private collector, LT, 2018)
89. *Cnicus benedictus* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
90. *Coreopsis grandiflora* 'Baby Gold' (Hortus Botanicus Universitatis Vilnensis, LT, 2009)
91. *Coreopsis tinctoria* Nutt. (Palacky University, Olomouc, CZ, 2008)
92. *Cosmos bipinnatus* Cav. (Hortus Botanicus Universitatis Varsoviensis, PL, 2001)
93. *Echinacea angustifolia* DC (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
94. *Echinacea purpurea* L. Moench. (Private collector, LT, 1993)
95. *Echinops ritro* L. (Hortus Botanicus, Batumi, GE, 2002)
96. *Eupatorium purpureum* L. (Palacky University, Olomouc, CZ, 2008)
97. *Gaillardia aristata* Pursh. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
98. *Galinsoga parviflora* Cav. (Klaipėda university botanical garden, LT, 2021)
99. *Grindelia stricta* L. (Hortus Botanicus, Ulma, DE, 2004)
100. *Helichrysum bracteatum* L. Moench. (Hortus Botanicus Universitatis Viennensis, AT, 2003)
101. *Hieracium umbellatum* L. (Palanga city, LT, 2016)
102. *Inula britannica* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
103. *Inula helenium* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
104. *Liatris spicata* L. Willd. (LtD "Klaipėdos sėklos", LT, 2006).
105. *Ligularia dentata* Cass. (Floriculture Experimental Station, Vilnius, LT, 2002)
106. *Onopordum acanthium* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2004)
107. *Phalacrologium septentrionale* L. Dumort. (Klaipėda university botanical garden, LT, 2021)
108. *Pilosella echinoides* (Lumn.) F. W. Schultz & Sch. Bip. (Botanischer Garten Berlin, DE, 1993)
109. *Rhaponticum carthamoides* Iljn., (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
110. *Scorzonera hispanica* L. (Private collector, LT, 2016)
111. *Silphium perfoliatum* L. (Unknown origin)
112. *Tagetes erecta* L. (Hortus Botanicus, Bayreuth, DE, 1999)
113. *Tagetes patula* L. (Hortus Botanicus Universitatis Kaunensis, Vytautas Magnus University, LT, 1999)
114. *Tanacetum vulgare* L. (Natural origin, LT, 1997)
115. *Tanacetum vulgare* L. (University of Warsaw Botanic Garden, PL, 2020)
116. *Tragopogon porifolius* L. (Natural origin, LT, 2000)
117. *Xeranthemum annuum* L. (National Pedagogical University, Charkov, UA, 2018)

BALSAMINACEAE

118. *Impatiens glandulifera* Royle (Nature, LT, 2021)

BERBERIDACEAE

119. *Berberis heterobotrys* E. Wolf. (National Botanic garden of Latvia, LV, 2001)
120. *Berberis jamesiana* Forrest. (National Botanic garden of Latvia, LV, 2003)
121. *Berberis koreana* Palibin. (Private collector, PL, 2011)
122. *Berberis umbellata* Wall. ex G. Don. (National Botanic garden of Latvia, LV, 2007)
123. *Berberis umbellata* Wall. ex G. Don. (National Botanic garden of Latvia, LV, 2007)
124. *Berberis chingii* Cheng. (National Botanic garden of Latvia, LV, 2003)

BETULACEAE

- 125. *Betula alleghanensis* Britt. (Arboretum Dubravae, LT, 2012)
- 126. *Betula papyrifera* Marsh. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
- 127. *Betula platyphylla* Sukaczew.(Botanical garden for study and exhibition of Asian plants, FR, 2012)
- 128. *Betula lenta* L. (Botanical garden of state university Yoshar-ola, RU, 2014)
- 129. *Betula tianschanica* Rupr. (Unknown, FR, 2012)
- 130. *Carpinus betulus* L. (Private collector, LT, 1998)
- 131. *Corylus americana* Marsh. (Private collector, LT, 2002)
- 132. *Corylus colurna* L. (Botanical garden of Kaliningrad university, RU, 2002)
- 133. *Corylus cornuta* Marsh. (Arboretum Dubravae, LT, 2012)
- 134. *Ostrya virginiana* (Mill.) K.Koch. (Ecological-Botanical Gardens, DE, 2005)

BIGNONIACEAE

- 135. *Catalpa ovata* G. Don. (Botanical garden of Kaliningrad university, RU, 2002)
- 136. *Campsis radicans* L. Seem. (Unknown)
- 137. *Incarvillea delavayi* Bureau & Franch (Private collector, LV, 2015)

BORAGINACEAE

- 138. *Echium vulgare* L. (Nature, LT, 2021)
- 139. *Myosotis sylvatica* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)

BRASSICACEAE

- 140. *Alyssum saxatile* L. (Botanical garden of Siauliai university, LT, 2002)
- 141. *Alliaria officinalis* Andr. ex Bieb. (Botanical garden of the University of Ulm, DE, 2002)
- 142. *Alliaria petiolata* (M. Bieb) Cavara et Grande (Klaipėda university botanical garden, LT, 2021)
- 143. *Brassica nigra* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 144. *Cakile baltica* Jord. ex Pobed. (Nature, LT, 2021)
- 145. *Iberis sempervirens* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
- 146. *Iberis umbellata* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
- 147. *Isatis tinctoria* L. (Hortus Botanicus Salaspils, LV, 2004)
- 148. *Lunaria annua* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
- 149. *Sinapis alba* L. (Natural origin, LT, 2003)

CALYCANTHACEAE

- 150. *Calycanthus floridus* L. (Skinderiškis Arboretum, LT, 2002)
- 151. *Calycanthus fertilis* Walt. (Rogow Forest Experimental Station Arboretum, PL, 2006)
- 152. *Sinocalycanthus chinensis* W. C. Cheng. & S. Y. Chang (Private collector, LT, 2010)

CAMPANULACEAE

- 153. *Campanula punctata* Nakai (Hortus Botanicus, Oldenburg, DE, 2003)
- 154. *Campanula rapunculoides* L. (Hortus Botanicus, Munchen, DE,)

155. *Jasione montana* L. (Nature, LT, 2021)
156. *Platycodon grandiflorus* (Jacq.) A.DC. (Unknown origin)

CANNABACEAE

157. *Humulus lupulus* L. (Nature, LT, 2021)

CAPRIFOLIACEAE

158. *Lonicera vesicaria* Kom. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
159. *Symphoricarpos racemosus* Michx. (Private collector, LT, 2003)

CARYOPHYLLACEAE

160. *Dianthus plumarius* L. Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2005)
161. *Dianthus arenarius* L. (Botanical Garden Natural History Museum, NO, 2020)
162. *Gypsophila elegans* M. Bieb. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
163. *Gypsophila paniculata* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
164. *Lychnis chalcedonica* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2007)
165. *Saponaria officinalis* L. (Klaipėda university botanical garden, LT, 2021)
166. *Silene coronaria* L. (Hortus Botanicus Universitatis Viennensis, AT, 2003)
167. *Silene dioica* (L.) Clairv. (Klaipėda university botanical garden, LT, 2021)
168. *Silene lituanica* Zapał. (Šiauliai university botanical garden, LT, 2020)
169. *Silene tatarica* (L.) Pers. (Hortus Botanicus Latviensis, LV, 2021)

CELASTRACEAE

170. *Celastrus orbiculatus* Thunb. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
171. *Euonymus alatus* (Thunb.) Sieb. (Private collector, PL, 2004)
172. *Tripterygium regelii* Sprague et Takeda (Hortus Botanicus Universitatis Vilnensis, LT, 2000)

CHELIDONIUM MAJUS

173. *Chelidonium majus* L. (Klaipėda university botanical garden, LT, 2021)

CLETHRACEAE

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

CONVOLVULACEAE

175. *Convolvulus tricolor* L. (Natural origin, LT, 2004)

CORNACEAE

176. *Cornus alba* L. (Unknown)
177. *Cornus mas* L. (Plungė Arboretum, LT, 1999)
178. *Cornus foemina* A. Mill. (Ecologic – Botanic Garden University Bayreuth, DE, 2007)
179. *Cornus sericea* L. (Private collector, LT, 1999)

CYPERACEAE

- 180. *Carex buxbaumii* Wahlenb. (Nature, LT, 2021)
- 181. *Cladium mariscus* L.Pohl (Botanischer Garten und Botanisches Museum Berlin, DE, 2020)

DIPSACACEAE

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

ELAEAGNACEAE

- 183. *Elaeagnus montana* Makino (Arboretum Bolestraszyce, PL, 2010)
- 184. *Elaeagnus umbellata* Thunb. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2002)
- 185. *Elaeagnus multiflora* Thunb. (Private collector, LT, 2012)

EUPHORBIACEAE

- 186. *Ricinus communis* (Private Collector, LT, 2017)
- 187. *Euphorbia helioscopia* L. (Klaipėda university botanical garden, LT, 2021)

FABACEAE

- 188. *Astragalus glycyphyllos* L. (Selection center of LAI, LT, 2002)
- 189. *Baptisia australis* L. (Hortus Botanicus Kaunensis, LT, 2000)
- 190. *Baptisia tinctoria* R. Br. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2003)
- 191. *Desmodium canadense* L. DC. (Karlsnava arboretum, LV, 2013)
- 192. *Galega officinalis* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 193. *Gleditsia triacanthos* L. (Unknown)
- 194. *Genista tinctoria* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2005)
- 195. *Glycine soja* Sieb. & Zucc. (Private collector, LT, 2003)
- 196. *Glycyrrhiza echinata* L. (Universitat Bayreuth Okologisch Botanic Garden, DE, 2004)
- 197. *Laburnum alpinum* Grisb. (Klaipėda university botanical garden, LT, 1999)
- 198. *Laburnum anagyroides* Medik. (Klaipėda university botanical garden, LT, 2008)
- 199. *Robinia hispida* L. (Unknown)
- 200. *Lens culinaris* Medik. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 2006)
- 201. *Pisum sativum* L. (Klaipėda university botanical garden, LT, 2003)
- 202. *Robinia x holdtii* (hybr. R.luxurians, R. pseudoacacia) (Dubrava arboretum, LT, 2009)
- 203. *Trifolium arvense* L. (Klaipėda university botanical garden, LT, 2021)
- 204. *Trifolium hybridum* L. (Lithuanian Research Centre for Agriculture and Forestry, LT, 2019)
- 205. *Trifolium pratense* L. (Natural origin, LT, 2009)
- 206. *Trifolium rubens* L. (Wild, LT, 2018)
- 207. *Trigonella foenum graecum* L. (Private collector, LT, 2004)
- 208. *Vicia sativa* L. (Klaipėda university botanical garden, LT, 2003)

FAGACEAE

- 209. *Quercus rubra* L. (Private collector, LT, 2008)
- 210. *Quercus cerris* L. (Klaipėda university botanical garden, LT, 2004)

GRAMINEAE

- 211. *Festuca psammophila* (čelak.) R. M. Fritsch (Vytautas magnus University Botanical garden, LT, 2020)

GROSSULARIACEAE

- 212. *Ribes orientale* Desf. (Botanischer Garten Universität Ulm, DE, 2005)

HAMAMELIDACEAE

- 213. *Hamamelis japonica* Sieb et Zucc. (Ecologic – Botanic Garden University Bayreuth, DE, 2007)
- 214. *Hamamelis vernalis* L. (Skinderiškis arboretum, LT, 2002)
- 215. *Hamamelis virginiana* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)

HYDRANGEACEAE

- 216. *Hydrangea bretschneiderii* Dippel. (Botanical garden of state university Yoshara-ola, RU, 2012)
- 217. *Hydrangea heteromalla* D.Don (Hortus Botanicus Universitatis Vilnensis, LT, 2000)

HYPERICACEAE

- 218. *Hypericum perforatum* L. (Klaipėda university botanical garden, LT, 2021)

ERICACEAE

- 219. *Collina vulgaris* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2015)
- 220. *Vaccinium vitis-idea* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2019)
- 221. *Vaccinium oxycoccus* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2016)

HIPPOCASTANACEAE

- 222. *Aesculus pavia* L. (Skinderiškis arboretum, LT, 1998)
- 223. *Aesculus hippocastanum* L. (Private collector, LT, 1998)

JUGLANDACEAE

- 224. *Juglans ailanthifolia* Carr. (Skinderiškis Arboretum, LT, 2002)
- 225. *Juglans cinerea* L. (Plungė Arboretum, LT, 1999)
- 226. *Juglans cordiformis* Maxim (Klaipėda university botanical garden, LT, 1998)
- 227. *Juglans mandshurica* Max. (Kretinga arboretum, LT, 1999)
- 228. *Juglans regia* L. (Private collector, LT, 2003)
- 229. *Pterocarya fraxinifolia* Spach. (Botanical garden of Kaliningrad university, RU, 2001)

LABIATAE

- 230. *Salvia pratensis* L. (Botanischer Garten und Botanisches Museum Berlin, DE, 2020)

LAMIACEAE

- 231. *Betonica officinalis* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 232. *Glechoma hederacea* L. (Klaipėda university botanical garden, LT, 2021)
- 233. *Hyssopus officinalis* L. (Private collector, 1993)
- 234. *Lavandula angustifolia* Mill. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 235. *Leonurus cardiaca* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 236. *Lophanthus anisatus* Benth. (Hortus Botanicus Salaspils, LV, 2002)
- 237. *Marrubium vulgare* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 238. *Mentha arvensis* L. (Private collector, LT, 1993)
- 239. *Melissa officinalis* L. var. *Citriodorus* (Private collector, LT, 1993)
- 240. *Origanum vulgare* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 241. *Physostegia virginiana* L. Benth. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
- 242. *Phlomis tuberosa* L. (Botanical garden of Šiauliai university, LT, 2020)
- 243. *Prunella grandiflora* L. Scholler (Botanical Garden Natural History Museum, Oslo Norway, 2015)
- 244. *Prunella grandiflora* L. Scholler (Vytautas Magnus University Botanical Garden, LT, 2020)
- 245. *Salvia nemarosa* L.“Caradonna“ (ZS Berzini, LV, 2017)
- 246. *Salvia officinalis* L.(Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 247. *Saturea montana* L. (Private collector, LT, 2003)
- 248. *Scutellaria alpina* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 249. *Scutellaria altissima* L. (Botanical garden of Šiauliai university, LT, 2010)
- 250. *Scutellaria baicalensis* George (Botanical garden of Šiauliai university, LT, 2010)
- 251. *Rubia tinctorium* L. (Private collector, LT, 2004)
- 252. *Thymus vulgaris* L. (Private collector, LT, 2003)

LARDIZABALACEAE

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

LINACEAE

- 254. *Linum flavum* L. (Private collector, LT, 2003)
- 255. *Linum perenne* L. (Hortus Botanicus, Civico Orto, IT, 2004)

IRIDACEAE

- 256. *Belamcanda chinensis* (Private collector, LT, 2017)

LYTHRACEAE

- 257. *Lythrum salicaria* L. (Klaipėda university botanical garden, LT, 2021)

MAGNOLIACEAE

- 258. *Liriodendron tulipifera* L. (Private collector, LT, 2002)
- 259. *Magnolia kobus* DC. (Botanical Garden of Kaliningrad University, RU, 2004)
- 260. *Magnolia stellata* S. et Z. Maxim. (Private collector, LT, 2003)
- 261. *Magnolia tripetala* L. (Rogow Forest Experimental Station Arboretum, PL, 2004)

MALVACEAE

- 262. *Malva verticillata* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)

MENISPERMACEAE

- 263. *Menispermum canadensis* DC. (Hortus Botanicus Nationalis Salaspils, LV, 1993)

MORACEAE

- 264. *Morus rubra* L. (Botanical Garden and Arboretum of Gottingen University, DE, 2002)
- 265. *Morus australis* Poir. (Rogow Forest Experimental Station Arboretum, PL, 2006)

MYRICACEAE

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

OLEACEAE

- 267. *Fraxinus angustifolia* Vahl. (Botanischer Garten Universitat Ulm, GE, 2005)
- 268. *Ligustrum amurense* Carr. L. ibota Siebold et Zucc. (Private collector, LT, 2005)
- 269. *Syringa josikaea* Jacq. (Private collector, LT, 1998)
- 270. *Syringa komarowii* C. K. Schneider. (Botanical Garden-Institut, Yoshkar-Ola, RU, 2008)
- 271. *Syringa reflexa* C. K. Schneid. (Private collector, LT, 2003)
- 272. *Syringa tomentella* Bureau & Franchet (Botanical Garden-Institut, Yoshkar-Ola, RU, 2008)
- 273. *Syringa vulgaris* L. (Private collector, LT, 1998)

ONAGRACEAE

- 274. *Epilobium palustre* L. (Nature, LT, 2021)
- 275. *Oenothera biennis* L. (Nature, LT, 2021)
- 276. *Oenothera perennis* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2003)
- 277. *Oenothera tetragona* Roth. (Hortus Botanicus Universitatis Kaunensis, Vytautas Magnus University, LT, 1999)

ORCHIDACEAE

- 278. *Epipactis atrorubens* Rostk. ex Spreng. (Nature, LT, 2021)

PAEONIACEAE

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

PAPAVERACEAE

- 280. *Chelidonium majus* L. (Natural origin, LT, 1999)
- 281. *Papaver dubium* L. (Hortus Botanicus Universitatis Vilnensis, LT, 1999)
- 282. *Papaver rhoeas* L. (University of Warsaw Botanic Garden, PL, 2020)
- 283. *Papaver somniferum* L. (Floriculture Experimental Station, Vilnius, LT, 1999)

PLANTAGINACEAE

- 284. *Digitalis grandiflora* Mill. (Hortus Botanicus Bonn, DE, 2001)
- 285. *Linaria vulgaris* Mill. (Nature, LT, 2021)
- 286. *Plantago lanceolata* (Klaipėda university botanical garden, LT, 2021)
- 287. *Plantago major* L. (Vilnius university botanical garden, LT, 2020)
- 288. *Plantago major* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 289. *Plantago maritima* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)
- 290. *Cleome obliqua* L. (Botanical Garden of Šiauliai University, LT, 2016)

PLUMBAGINACEAE

- 291. *Armeria ruscinonensis* Gviard. (Floriculture Experimental Station, Vilnius, LT, 2002)
- 292. *Armeria vulgaris* Willd. (Hortus Botanicus, Riga, LT, 2001)
- 293. *Limonium sinuatum* L. Mill. (Hortus Botanicus, Greifswald, DE, 2001)

POACEAE

- 294. *Briza maxima* L. (Floriculture Experimental Station, Vilnius, LT, 2000)
- 295. *Bromopsis benekenii* (Lange) Holub. (Vytautas Magnus University Botanical Garden, LT, 2020)
- 296. *Hierochloa odorata* L. (Private collector, 2000)
- 297. *Koeleria delavignei* Czern. ex Domin. (Šiauliai university botanical garden, LT, 2020)
- 298. *Lagurus ovatus* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)
- 299. *Pennisetum vilosum* L. Spreng. (Private collector, LV, 2006)
- 300. *Phragmites australis* (Cav.) Trin. ex Steud. (Nature, LT, 2021)
- 301. *Setaria italica* L. P. Beauv. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)
- 302. *Sorghum bicolor* L. Moench. Cernum (Botanischer Garten Greifswald, DE, 2005)
- 303. *Sorghum nigricans* L. (Botanischer Garten Greifswald, DE, 2002)
- 304. *Zea mays* L. (Private collector, LT, 2001)

POLEMONIACEAE

- 305. *Polemonium caeruleum* L. (Private collector, LV, 2002)

POLYGONACEAE

- 306. *Rheum rhabarbarum* L. (Private collector, LT, 2001)
- 307. *Rumex acetosella* L. (Curonian spit national park, LT, 2020)
- 308. *Rumex crispus* L. (Karl-Franzens Universität Graz, AT, 2014)
- 309. *Fagopyrum esculentum* Moench. (Private collector, LT, 2003)
- 310. *Fagopyrum tataricum* L. Gaertn. (Private collector, LT, 2020)

PLATANACEAE

311. *Platanus x acerifolia* (Ait.) Willd. (Szmit Nursery, PL, 2006)

PRIMULACEAE

312. *Primula elatior* L. Mill. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2002)
313. *Primula farinosa* L. (Hortus Botanicus Universitatis Šiaulensis, LT, 2004)
314. *Primula veris* L. (Private collector, LT, 2021)

RANUNCULACEAE

315. *Aconitum lasiocarpum* Rchb. Gay. (Hortus plantarum medicinarum universitatis Wrocław, PL, 2013)
316. *Anemone sylvestris* L. (Hortus Botanicus, Bonn, DE, 2002)
317. *Aquilegia vulgaris* L. (Hortus Botanicus der Universität, Greifswald, DE, 2004)
318. *Cimicifuga racemosa* L. (The Charles university of Prague, CZ, 2010)
319. *Cimicifuga simplex* L. (Private collector, LT, 2000)
320. *Clematis hexapetala* Pall. (Dansk Iris og Lilje Klub, DK, 2010)
321. *Clematis koreana* Kom. (Hortus Botanicus Universitatis Vilnensis, LT, 2012)
322. *Clematis madshurica* Rubr. (Jardin Botanique de Strasbourg, FR, 2004)
323. *Clematis tangutica* (Maxim) Korsh. (Private collector, LT, 2000)
324. *Clematis macropetala* Ledeb. (Hortus Botanicus Universitatis Vilnensis, LT, 2012)
325. *Clematis integrifolia* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2012)
326. *Clematis potanini* Maxim. (Hortus Botanicus Universitatis Vilnensis, LT, 2012)
327. *Clematis recta* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2000)
328. *Clematis pseudoflamula* Pall. (Belarus national academy botanical garden, BY, 2013)
329. *Delphinium elatum* L. (Hortus Botanicus Kaunensis, LT, 2009)
330. *Nigella sativa* L. (Botanical Garden of the Dresden, DE, 2009)
331. *Pulsatilla serotina* Magnier. (Hortus Botanicus Universitatis Vilnensis, LT, 2002)
332. *Pulsatilla vulgaris* Mill. (Hortus Botanicus Universitatis Vilnensis, LT, 2006)
333. *Ranunculus acris* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
334. *Ranunculus flammula* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
335. *Ranunculus sardous* L. (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
336. *Thalictrum glaucum* Desf. (Botanical Garden of the TU Dresden, DE, 2006)
337. *Thalictrum minus* L. (Hortus Botanicus Kaunensis Vytautas Magnus University, LT, 2001)
338. *Thalictrum simplex* L. (Hortus Botanicus Kaunensis, LT, 2009)

RHAMNACEAE

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

ROSACEAE

340. *Cydonia oblonga* Mill. (Unknown)
341. *Cotoneaster nanshan* M. Wilmorin ex Mottet (Botanical Garden and Arboretum of Göttingen, DE, 2008)
342. *Cotoneaster lucidus* Schltdl. (Klaipėda university botanical garden, LT, 1993)
343. *Cotoneaster dielsiana* E. Pritz. (Private collector, LT, 2006)

344. *Cotoneaster integerrima* Med. (Botanical Garden of Kaliningrad University, RU, 2002)
345. *Crataegus monogyna* Jacq. (Klaipėda university botanical garden, LT, 1996)
346. *Crataegus orientalis* Pojark. (Private collector, PL, 2006)
347. *Crataegus x lavalleyi* (Private collector, LT, 2008)
348. *Crataegus laevigata* (Poir.) DC. (Unknown)
349. *Crataegus maximowiczii* C.Schneid. (Private collector, LV, 2004)
350. *Crataegus mollis* Torr.et A. Gray Scheele (Klaipėda university botanical garden, LT, 1998)
351. *Exochorda giraldii* Hesse (Dubrava Arboretum, LT, 2004)
352. *Filipendula ulmaria* L. Maxim. (Nature, LT, 2021)
353. *Filipendula vulgaris* Moench. (Hortus Botanicus Universitatis Šiaulensis, LT, 2003)
354. *Photinia villosa* (Thunb.) DC. (Greifswald Botanical Garden and Arboretum, DE, 2005)
355. *Physocarpus opulifolius* L. Maxim. (Unknown)
356. *Pyracantha coccinea* M. Roem. (Klaipėda city, public area, LT, 1992)
357. *Prinsepia uniflora* Batalin (Botanical Garden and Arboretum of Göttingen University, DE, 2004)
358. *Rhodotypos kerrioides* Sieb.et Zucc (Hortus Botanicus Universitatis Vilnensis, LT, 2001)
359. *Rosa canina* L. (Unknown)
360. *Rosa glauca* Pourr. (Private collector, LT, 2012)
361. *Rosa jundzili* Besser (Hortus botanicus Vindobonensis, AT, 2012)
362. *Rosa micrantha* Barrer. (Jardin botanique de l'Université de Franche, Besancon, FR, 2013)
363. *Rosa multiflora* Huds. (Hortus Botanicus Universitatis Vilnensis, LT, 1993)
364. *Rosa palustris* Buch.-Ham. ex Lindl. (Arboretum Bolestraszyce, PL, 2015)
365. *Rosa pimpinellifolia* L. (Settlement Morrum, Sweden, SE, 2003)
366. *Rosa rugosa* Thunb (Klaipėda university botanical garden, LT, 1993)
367. *Rosa roxburghii* A.Barra (Unknown, DE, 2013)
368. *Rosa villosa* L. (Tallinn Botanic Garden, EE, 2010)
369. *Rubus odoratus* L. (Botanical garden of Kaliningrad University, RU, 2003)
370. *Sorbus aria* L. Crantz. (Klaipėda university botanical garden, LT, 1997)
371. *Sorbus aucuparia* (Private collector, LT, 1998)
372. *Sorbus intermedia* Pers. (Klaipėda university botanical garden, LT, 1997)
373. *Spiraea trichocarpa* Nakai (Botanical Garden-Institut, Yoshkar-Ola, RU, 2011)
374. *Spiraea densiflora* Nutt. (Private collector, LT, 2004)
375. *Spiraea douglasii* Hook. (Unknown)
376. *Spiraea fritschiana* C.K. Schneider (Ecologic – Botanic Garden University Bayreuth, DE, 2005)
377. *Spiraea latifolia* (Ait.) Borkh. (Botanical Garden Milano, IT, 2011)
378. *Spiraea salicifolia* L. (Private collector, LT, 2002)
379. *Spiraea x margaritae* Zabel. (Private collector, LT, 2004)
380. *Sibiraea laevigata* L. Maxim. (Arboretum Dubravae, LT, 2012)
381. *Sorbaria tomentosa* (Lindl.) Rehd. (Unknown)
382. *Stephanandra incisa* (Thunb.) Zabel. (Hortus Botanicus Universitatis Vilnensis, LT 2007)

RUBIACEAE

383. *Cephalanthus occidentalis* L. (Private collector, LT, 2006)

RUTACEAE

384. *Phellodendron amurense* Rupr. (Klaipėda university botanical garden, LT, 1999)
385. *Ptelea trifoliata* L. (Botanischer Garten Universität Ulm, DE, 2004)
386. *Ruta graveolens* L. (Private collector, Klaipėda, LT, 1999)

SAXIFRAGACEAE

387. *Bergenia crassifolia* L. Fritsch (Hortus Botanicus Oldenburg, DE, 2001)
388. *Rodgersia aesculifolia* a. Gray (Hortus Botanicus Universitatis Vilnensis, LT 2002)

SCROPHULARIACEAE

389. *Digitalis purpurea* L. (Floriculture Experimental Station, Vilnius, LT, 2002)
390. *Gratiola officinalis* L. (Botanic Garden of Copenhagen, DK, 2001)
391. *Paulownia tomentosa* (Thunb. ex Murray) Steud. (Botanical Garden and Arboretum of Gottingen University, DE, 2003)
392. *Verbascum densiflorum* Bertol. (Nature, LT, 2021)
393. *Veronica officinalis* L. (Universität Bayreuth Ökologisch Botanischer Garten, DE, 2004)
394. *Veronica spicata* L. (Botanical Garden Geneva, IT, 2004)

SOLANACEAE

395. *Berry sanberri* L. (Private collector, LT, 2010)
396. *Datura stramonium* L. (Private collector, LT, 2001)
397. *Hyoscyamus albus* L. (Hortus Botanicus Kaunensis, LT, 1995)
398. *Hyoscyamus niger* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1993)

SHIZANDRACEAE

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

SPARGANIACEAE

400. *Sparganium angustifolium* Michx. (Nature, LT, 2021)

STAPHYLEACEAE

401. *Staphylea bumalda* Sieb et Zucc. (Skinderiškis Arboretum, LT, 2002)
402. *Staphylea pinnata* L. (Klaipėda university botanical garden, LT, 2002)

STYRACACEAE

403. *Pterostyrax hispida* Sieb & Zucc. (Hortus Botanicus Nationalis Salaspils, Latvia, LV, 2014)

TILIACEAE

404. *Tilia americana* L. (Raudondvaris Arboretum, LT, 2003)
405. *Tilia x moltkei* Spath. (Skinderiškis Arboretum, LT, 2010)

TROPAEBOACEAE

406. *Tropeolum majus* L. (Hortus Botanicus Kaunensis, Vytautas Magnus University, LT, 1999)

TYPHACEAE

407. *Typha angustifolia* L. (Nature, LT, 2021)
408. *Typha latifolia* L. (Nature, LT, 2021)

ULMACEAE

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

URTICACEAE

410. *Urtica dioica* L. (Nature, LT, 2021)

VERBENACEAE

411. *Verbena bonariensis* L (Hortus botanicus Riga, LV, 2006)
412. *Verbena officinalis* L. (Universitat Bayreuth Okologisch Botanischer Garden, DE, 2003)

VITACEAE

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

VIOLACEAE

414. *Viola tricolor* L. (Wild, 1993)
415. *Viola dubyana* Burnat ex Gremli (Institute of Pharmacology Polish Academy of Sciences, PL, 2018)

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