

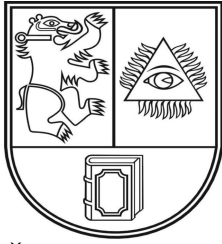


ŠIAULIŲ
UNIVERSITETAS
BOTANIKOS SODAS

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**ŠIAULIAI
UNIVERSITY**



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**BOTANIC GARDEN OF
ŠIAULIAI UNIVERSITY**

INDEX SEMINUM 2014

No 14

**BOTANIC GARDEN OF ŠIAULIAI UNIVERSITY
ASSOCIATION OF BOTANIC GARDENS OF LITHUANIAN UNIVERSITIES
(LUBSA)**

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Cover image:

Magnolia kobus DC.; *Allium stipitatum* Regel; *Carlina acaulis* L.; *Kitaibela vitifolia* Willd.
Photos from the Botanical Garden archives and photographer **R. Struoga**

BOTANIC GARDEN OF ŠIAULIAI UNIVERSITY

HISTORY. Botanic garden of Šiauliai University was founded in 1997, instead of Agrobiological Station. It is a member of Botanic Gardens Conservation International (BGCI) and Planta Europa Network for European plant conservation since 2003. Currently the Botanic garden occupies 6.54 ha of the city territory. Director – prof. dr. **Asta Klimienė**.

ŠIAULIAI AREA. Šiauliai is located in Northern part of Lithuania. It is the fourth largest city in Lithuania. The population is about 105653 people.

APPROACHES OF SCIENTIFIC RESEARCH:

- Research of biodiversity regularities *in situ* and *ex situ*.
- Introduction and acclimatization of ornamental plants.
- Education activities in Botanic garden.

SECTIONS OF BOTANIC GARDEN. In 2013, a number of taxa of plants outnumbered over 4190. These plants are stored in 7 sections:

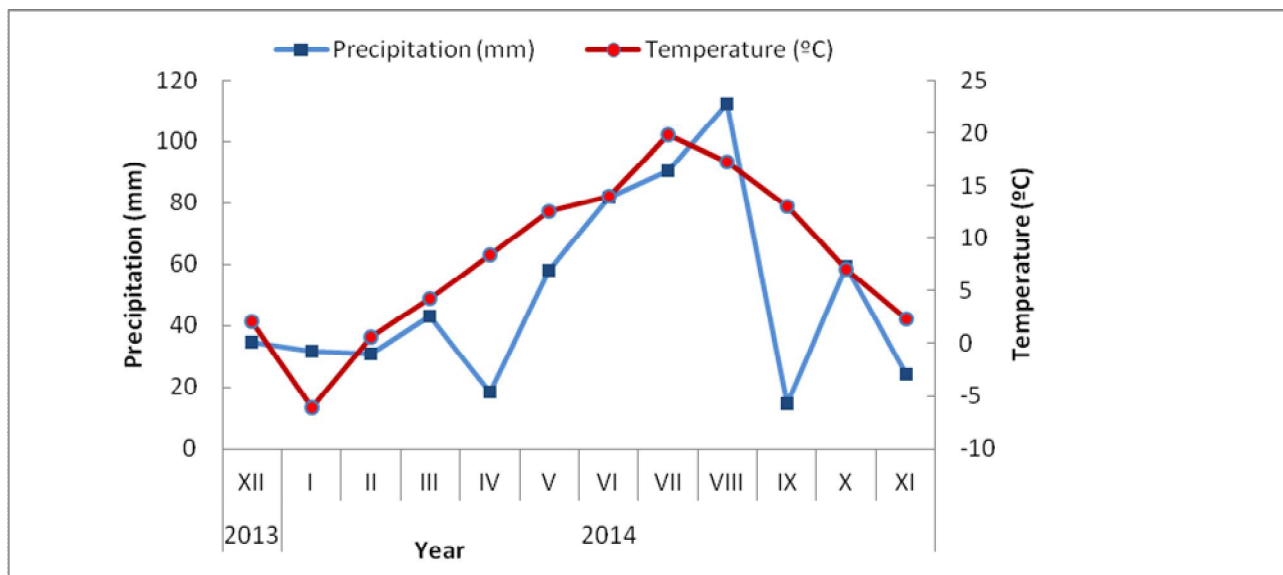
- **Section of Plant Systematics and Geography.** Species of plants are treated by A. L. Tachtadjan system. The section establishment began in 2000 and now section contains about 905 species of 93 families. Responsible for the section, research worker – **Roberta Dubosaitė–Lepėškevičė**.
- **Section of Lithuanian flora.** Section was started to establish in 2011. Priorities: species from local north Lithuania flora, rare Lithuanian Red books and protected species, medical and ethnobotany plants resources, in small area exhibited weed. Section contain totally about 180 taxa of 58 families plants. Seeds of monocotyledons got from Lithuanian Research Centre for Agriculture and Forestry. Responsible for the section – **Virginija Aleknienė**.
- **Section of Ericaceae Family Plants.** The *Ericaceae* family plants were started to compile in 2001. Now in this section grows over 300 taxa and cultivars, such as *Rhododendron*, *Calluna*, *Kalmia*, *Gaultheria*, *Erica*, *Vaccinium*. Responsible for the section – **Vaidas Juknevičius**.
- **Section of Floriculture.** Much attention is paid for species and breeds of decorative perennial herbs, also plants of the genus orris, day lily and lily. Number of taxa in section – 1200. Responsible for the section, specialist of floriculture – **Indrė Šakytė**.
- **Section of Mountain Plants.** This section contains mountains plants from all over the world (Alps, Pyrenees, Caucasus, Altai, Himalaya, Rocky Mountains, and New Zealand) and arctic zones. Today section contains plants of over 987 species and cultivars of 70 families. In this section plants are selected by considering such criteria as decorativeness of plants, geographical plurality and distribution. Responsible for the section, research worker – **Rimanta Vainorienė**.
- **Section of Dendrology.** Now there is about 600 species and cultivars of dwarf coniferous and leafy trees. Responsible for the section, specialist of dendrology – **Vaidas Juknevičius**.
- **Phenological Garden.** The International Phenological Garden – unique network in Europe for the observation of plants. In all gardens generally identical trees and shrubs are planted in order to make large-scale comparisons among the timing of different development stages of plants. Mainly, the rise in air temperature in the previous decades and the clear phenological response by plants led to this increased interest in phenological data. Responsible for the section, research worker – **Rimanta Vainorienė**.

GEOGRAPHICAL SITUATION:

Latitude N 55° 55' 57.7"

Longitude E 23° 16' 57.0"

CLIMATIC CONDITIONS:



Distribution of mean month temperatures (in C°) and precipitation (in mm) in 2013 (December) - 2014 (January - November)

Collectors: V. Aleknienė, D. Ūsienė, R. Vainorienė, R. Dubosaitė–Lepeškevičė, I. Šakyatė.

* - Seeds collected in 2013

SEEDS FROM FOREIGN PLANTS CULTIVATED IN THE GARDEN

MAGNOLIOPHYTA Cronquist, Takht. et W. Zimm. ex Reveal.

MAGNOLIOPSIDA Brongn.

ACANTHACEAE Juss.

1. *Acanthus dioscoridis* L. var. *perringii* (Siehe) E. Hoss. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2003].
2. *Acanthus hungaricus* (Borbas) Baenitz (Cullen J. et al., 2000) [(*Acanthus balcanicus* Heywood et I. Richardson), Botanical Garden of the University of Tartu, EE, 2003].
3. *Acanthus mollis* L.* [Botanical Gardens Grugapark Essen, DE, 2009].

AMARANTHACEAE Juss.

4. *Amaranthus hybridus* 'Intense Purple'* [Botanical Garden of La Gacilly, FR, 2013].
5. *Amaranthus retroflexus* L. [Botanic Garden of University of Konstanz, DE, 2014]
6. *Gomphrena globosa* L.* [Batumi Botanical Garden of the Academy of Sciences, GE, 2013].

ARACEAE Juss.

7. *Arisaema flava* (Forssk.) Schott [Traupio Botanical Garden, LT, 2002].

APIACEAE Lindl.

8. *Angelica atropurpurea* L. [The Botanical Garden of the University of Tübingen, DE, 2012].
9. *Angelica gigas* Nakai [The Botanical Garden of the University of Tübingen, DE, 2012].
10. *Astrantia carniolica* Wulfen 'Rubra' [Botanical Garden of Lodz, PL, 2003].

11. *Astrantia trifida* Hoffm.* [The Botanical Garden of Lyon, FR, 2004].
12. *Athamanta turbith* (L.) Brot. ssp. *haynaldii* (Borbás et Uechtr.) Tutin [Botanical Garden Rennsteiggarten Oberhof, DE, 2010].
13. *Bupleurum griffithii* ‘Décor’ [Ural State University Botanical Garden, Ekaterinburg, RU, 2004].
14. *Bupleurum rigidum* L.* [The Botanical Garden of Nice, FR, 2002].
15. *Carum carvi* L. [Alexandru Borza Cluj-Napoca University Botanic Garden, RO, 2008].
16. *Chaerophyllum aromaticum* L.* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2008].
17. *Chaerophyllum hirsutum* L. ssp. *villarsii* [The Botanical Garden of the University of Tübingen, DE, 2012].
18. *Conium maculatum* L.* [Cheboksary Botanical Garden, RU, 2010].
19. *Cuminum cyminum* L.* [The Botanical Garden of Besançon, FR, 2011].
20. *Endressia pyrenaica* (Gay ex DC.) Gay [The Alpine Botanical Garden “Rezia”, Bormio, IT, 2008].
21. *Eryngium agavifolium* Griseb.* [Botanic Garden of Rostock University, DE, 2008].
22. *Eryngium caucasicum* Trautv. [The Botanic Garden of the University of Padua, IT, 2006].
23. *Eryngium spinalba* Vill. [Botanic Garden and Arboretum Mendel University of Agriculture And Forestry Brno, Cz, 2008].
24. *Ferula assa-foetida* L. [Botanical Garden of the Carinthian Botanic Center, Klagenfurt, AT, 2012].
25. *Ferula gummosa* Boiss. [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2004].
26. *Ferula tingitana* L. [Botanical Garden of the Carinthian Botanic Center, Klagenfurt, AT, 2012].
27. *Ligusticum lucidum* Ait f. [Royal Botanic Garden, Juan Carlos I, Madrid, ES, 2004].
28. *Mutellina purpurea* (Poir.) Thell.* [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2003].
29. *Orlaya grandiflora* Hoffm.* [Botanic Garden of Rostock University, DE, 2008].
30. *Peucedanum austriacum* W. D. J. Koch. [Nancy Botanical Garden, FR, 2002].
31. *Seseli osseum* Crantz* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2003].

APOCYNACEAE Juss.

32. *Amsonia tabernaemontana* Walter var. *salicifolia* (Pursh) Woods.* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden Vacratot, HU, 2002].

ARISTOCLOCHIACEAE Juss.

33. *Aristolochia clematitis* L. [Botanical Garden of Klaipėda University, LT, 2003].

ASCLEPIADACEAE R. Br.

34. *Vincetoxicum rossicum* (Kleop.) Barbar. (Czerepanov, 1995) [(*Vincetoxicum roseum*), Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].

ASTERACEAE Dumort.

35. *Alfredia cernua* (L.) Cass.* [Central Botanical Garden of National Academia Science of Belarus, Minsk, BY, 2003].
36. *Anacyclus maroccanus* (Ball) Ball* [Tromsø Botanic Garden, Institute of Botanic and Geology and Tromsø Museum, University of Tromsø, NO, 2012].
37. *Antennaria fallax* Greene* [Botanical Garden of the University of Tartu, EE, 2004].
38. *Antennaria friesiana* (Trautv.) Ekman [Akureyri Botanical Garden, IS, 2010].
39. *Antennaria microphylla* Rydberg* [Salaspils National Botanical Garden, LV, 2002].
40. *Antennaria rosea* Greene* [The nursery of Zapyškis “Kika Flora”, Kaunas district, LT, 2005].
41. *Anthemis marschalliana* Willd. [G. Pociūlienė. Private collection, Pakalniškiai, Radviliškis district, LT, 2012].
42. *Arnica alpina* (L.) Olin* [The Botanical Garden of the University of Regensburg, DE, 2002].
43. *Arnica chamissonis* Less. [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2003].
44. *Aster alpinus* L. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanic Garden, Vacratot, HU, 2002].
45. *Aster alpinus* L. ‘Albus’ [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2005].
46. *Aster alpinus* L. var. *dolomiticus* Beck. [The Alpine Botanical Garden “Paradisio”, IT, 2009].
47. *Aster caucasicus* Willd.* [University of Alberta Devonian Botanic Garden, CA, 2004].
48. *Aster diplostephioides* (DC.) C. B. Clarke* [Botanical Garden of the University of Tartu, EE, 2004].
49. *Aster flaccidus* Bunge [Botanical Garden “La Thomasia”, Lausanne, CH, 2010].
50. *Aster himalaicus* C. B. Clarke [The Alpine Botanical Garden “Saussurea”, Courmayeur, IT, 2010].
51. *Bupththalmum salicifolium* L.* [The Botanical Garden of the University of Regensburg, DE, 2002].
52. *Brachyglottis bellidioides* (Hook.f.) B. Nord. [St Andrews Botanic Garden, the Canongate, UK, 2013].
53. *Centaurea aplolepa* Moretti ssp. *carueliana* (Micheletti) Dostál [The Botanical Garden of Bonn University, DE, 2012].

54. *Chrysanthemum tianshanicum* Krasch. [The Botanical Garden of the University of Ulm, DE, 2004].
55. *Cirsium acaule* (L.) Scop. ssp. *acaule* [Bagatelle Park. The Botanical Garden of Paris, FR].
56. *Cirsium purpuratum* (Maxim.) Matsum. [The Kyoto Botanical Garden, JP, 2012].
57. *Cosmos bipinnatus* Cav. 'Unschuld' [The Ecological-Botanical Gardens of the University of Bayreuth, DE, 2013].
58. *Cynara scolymus* L. [Botanical Garden of the Medical University of Gdansk, PL, 2009].
59. *Echinacea pallida* Nutt. [Botanical Garden of the Technical University Braunschweig, DE, 2007].
60. *Erigeron atticus* Vill. [The Botanical Garden of the University of Regensburg, DE, 2012].
61. *Erigeron compositus* Pursh* [G. Pociūlienė. Private collection, Pakalniškiai, Radviliškis district, LT, 2010].
62. *Erigeron epiroticus* (Vierh.) Halácsy [The Munich Botanical Garden, Nymphenburg, DE, (Bosnia and Herzegovina, 1850 m), 2010].
63. *Erigeron flettii* G. N. Jones [Botanical Garden of the University of Tartu, EE, 2008].
64. *Erigeron nanus* Nutt.* [Reykjavik Botanical Garden, IS, 2009].
65. *Erigeron speciosus* (Lindl.) DC.* [National Botanic Garden of Belgium, Meise, BE, 2002].
66. *Eriophyllum lanatum* (Pursh) J. Forbes [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2002].
67. *Eupatorium cannabinum* L. ["Anastasië Fătu" Botanic Garden, "Alexandru Ioan Cuza" University of Iasi, RO, 2009].
68. *Gaillardia pulchella* Foug.* [Botanical Garden, AV Fomina Kyiv National Taras Shevchenko University, UA, 2004].
69. *Gazania krebsiana* Less. spp. *krebsiana* Ernte [Botanical Garden of the Technical University Braunschweig, DE, 2009].
70. *Gerbera kunzeana* A. Br. et Aschers [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
71. *Haplopappus croceus* A. Gray* [The Botanical Garden of Bonn University, DE, 2005].
72. *Helichrysum compactum* Boiss. [Botanical Garden University Innsbruck, AT, 2004].
73. *Helichrysum italicum* (Roth) G. Don* [Botanical Garden Hanbury at Ventimiglia, IT, 2005].
74. *Hieracium aurantiacum* L. [The Polar Alpine Botanical Garden, Kirovsk, RU, 2004].
75. *Hieracium pilosella* L. [The Botanical Garden of the University of Latvia, Riga, LV, 2008].
76. *Hieracium tomentosum* L. [The Botanical Garden of Graz, Institute for Plant science, Karl-Franzens-University Graz, AT, (1996: Italien; Aosta, Cogne, Val Grauson, 2300 m), 2010].
77. *Hieracium villosum* Jacq. [Botanic Garden of Nantes, FR, 2005].
78. *Hymenoxys hoopesii* (A. Gray) Bierner [Botanical Garden of the University of Tartu, EE, 2011].
79. *Inula acaulis* var. *caulescens* Nab.* [Gothenburg Botanical Garden, SE, 2011].
80. *Inula conyza* DC.* [The Botanical Garden of Ljubljana, SI, 2011].
81. *Inula helenium* L.* [Botanic Garden of Šiauliai University, LT. No data available of their origin].
82. *Inula magnifica* Lipsky* [Botanic Garden of Petrozavodsk State University, RU, 2004].
83. *Inula montana* L.* [The Munich Botanical Garden, Nymphenburg, DE, (Italy, St. Vincent, Salirod, 1100 m), 2010].
84. *Inula rhizocephala* Schrenk* [Botanical Garden University Innsbruck, AT].
85. *Layia platyglossa* (Fisch. et C.A.Mey.) A.Gray* [The Ecological-Botanical Gardens of the University of Bayreuth, DE, 2013].
86. *Leibnitzia anandria* (L.) Nakai [Nancy Botanical Garden, FR, 2002].
87. *Leontopodium alpinum* Colm. ex Cass.* [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
88. *Leontopodium discolor* Beauverd [The Alpine Botanical Garden "Saussurea", IT, 2004].
89. *Leontopodium kurilense* Takeda* [Botanical Garden "La Thomasia", Lausanne, CH, 2010].
90. *Leontopodium ochroleucum* Beauverd [Reykjavik Botanical Garden, IS, (Tajikistan: Pamir Mts., Murgab, 3400 m), 2011].
91. *Leontopodium palibinianum* Beauverd [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2004].
92. *Leontopodium wilsonii* Beauverd* [The Botanical Garden of the University of Regensburg, DE, 2004].
93. *Leuzea rhapontica* (L.) J. Holub [The Alpine Botanical Garden "Rezia", Bormio, IT, 2010].
94. *Liatris ligulistylis* (A. Nelson) K. Schum.* [The Botanic Garden of the Georg-August-University, Goettingen, DE, 2009].
95. *Ligularia alatipes* Hand.-Mazz. [Reykjavik Botanical Garden, IS, (China: Yunnan, Lijiang, Yulon Shan, Xie Ren Ji valley, above Mu Zhou Go (CLD 1189), 3300 m), 2011].
96. *Ligularia fischeri* (Ledeb.) Turcz. [The Botanical Garden of the University of Regensburg, DE, 2002].
97. *Ligularia narynensis* (C. Winkl.) O. Fedtsch. et B. Fedtsch. [Reykjavik Botanical Garden, IS, (Kyrgyzstan: Tien-Shan mountains, Terskey Ala-Too range, Ala-Archa valley, 2400-2800 m), 2010].
98. *Ligularia wilsoniana* (Hemsl.) Greenm. [The Botanical Garden of the University of Regensburg, DE, 2011].
99. *Matricaria tempiskyana* (Freyn et Sint.) Rauschert [Gothenburg Botanical Garden, SE, (Greece, Ioanninon, above Metsovo, road to the Katara pass, 1400 m), 2010].
100. *Rhaponticum carthamoides* (Willd.) Iljin.* [Botanical Garden of Klaipėda University, LT, 2003].

101. *Rhaponticum scariosum* Lam. ssp. *bickelli* (Gugler) Pign.* [The Alpine Botanical Garden “Viotte”, Trento, IT, 2011].
102. *Rudbeckia flava* Greene [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
103. *Rudbeckia laciniata* L. [The Botanical Garden of the University of Latvia, Riga, LV, 2008].
104. *Rudbeckia occidentalis* Nutt.* [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2006].
105. *Scorzonera hispanica* L. [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2011].
106. *Senecio abrotanifolius* L. [University of Salzburg Departement of organismic biology study group Botanical Garden, AT, (University of Tromso, NO), 2010].
107. *Senecio adonidifolius* Loisel. [The Alpine Botanical Garden “Viotte”, Trento, IT, 2011].
108. *Senecio herreianus* Dinter [Royal Rotterdam Zoological and Botanical Garden, NL, 2004].
109. *Serratula coronata* L. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2002].
110. *Serratula manshurica* Kitag. [Botanical Garden Institute Vladivostok, RU, 2004].
111. *Serratula tinctoria* L. ssp. *tinctoria** [The Botanical Garden at the Sorgenti del Cavuto, Aniversa degli Abruzzi, IT, 2004].
112. *Silphium laciniatum* L. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
113. *Solidago uliginosa* Nutt. [Salaspils National Botanical Garden, LV, 2004].
114. *Solidago virgaurea* L. [The Botanic Garden of the University of Oulu, FI, (Norway, Trs, Storfjord, Moalkejavi (69° 05’N, 20°42’E, 550 m), 10.9.03BG), 2004].
115. *Stokesia laevis* (Hill) Greene* [Botanic Garden of Johannes Gutenberg University Mainz, DE, 2011].
116. *Tanacetum vulgare* L. [Botanic Garden of Šiauliai University, LT, 2000].
117. *Thelesperma burridgeanum* S.F.Blake [Kovacs Pal Rock Garden, Dorog, HU, 2014].
118. *Townsendia parryi* D. C. Eaton* [Kovacs Pal Rock Garden, Dorog, HU, 2010].
119. *Turczaninowia fastigiata* (Fisch.) DC. [Botanical Garden Institute Vladivostok, RU, 2005].

BALSAMINACEAE A.Rich.

120. *Impatiens tricornis* Lindl.* [The Botanical Garden of St. Triphon, CH, 2013].
121. *Impatiens glandulifera* Royle* [University of Salzburg Department of Organismic Biology Study Group Botanical Garden, AT, 2013].

BERBERIDACEAE Juss.

122. *Podophyllum hexandrum* Royle [The Alpine Botanical Garden “Viotte”, Trento, IT, 2008].
123. *Podophyllum peltatum* L. [The Botanical Garden of Graz, Institute for Plant science, Karl-Franzens-University Graz, AT, 2005].

BIGNONIACEAE Juss.

124. *Incarvillea compacta* Maxim.* [The Botanical Garden Aarhus, DK, 2006].
125. *Incarvillea delavayi* Bureau et Franch. [Botanic Garden of Šiauliai University, LT, 2001].
126. *Incarvillea mairei* (Leveille) Grierson [Botanical Garden University of Oslo, NO, 2003].
127. *Incarvillea mairei* var. *grandiflora* (Wehrhahn) Grierson (Cullen et al., 2000) [(*Incarvillea grandiflora* Bureau et Franch.), Institute of Botany Academy of Sciences of the Czech Republik Pruhonice, CZ, 2006].
128. *Incarvillea olgae* Regel [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].

BORAGINACEAE Juss.

129. *Anchusa italica* Retz. [The Botanical Garden of Besancon, FR, 2011].
130. *Echium italicum* L.* [The Ecological-Botanical Gardens of the University of Bayreuth, DE, 2011].
131. *Echium russicum* Gmelin [Botanical Garden of the V. L. Komarov Botanical Institute, St. Petersburg, RU, 2004].
132. *Echium vulgare* L. [Botanical Garden of the Technical University Braunschweig, DE, 2012].
133. *Eritrichium canum* (Benth) Kitam. [The Munich Botanical Garden, Nymphenburg, DE, 2005].
134. *Lithospermum officinale* L.* [Traupio Botanical Garden, LT, 1999].
135. *Lithospermum purpureocaeruleum* L.* [Botanic Gardens and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2008].
136. *Mertensia echioides* Benth. ex C. B. Clarke [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2012].
137. *Moltkia suffruticosa* (L.) Brand [The Botanical Garden of Bonn University, DE, 2005].
138. *Onosma taurica* Wild.* [Botanic Garden of the Philipp University of Marburg, DE, 2011].
139. *Solenanthus apenninus* (L.) Fischer et Meyer* [The Munich Botanical Garden, Nymphenburg, DE, 2005].

BRASSICACEAE Burnett.

140. *Alyssoides utriculata* (L.) Medik.* [The Botanical Garden of Bonn University, DE, 2003].
141. *Alyssum wulfenianum* Bernh.* [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2003].

142. *Arabis blepharophylla* Hook. et Arn.* [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2011].
143. *Arabis bryoides* Boiss.* [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2011].
144. *Arabis hirsuta* Scop.* [The French National Museum of Natural History, Paris, FR, 2006].
145. *Aubrieta pinardii* Boiss.* [The Alpine Garden, south of the Upper Belvedere, Vienna, AT, 2012].
146. *Aubrieta thessala* H. Boissieu* [Utrecht University Botanic Garden, NL, 2012].
147. *Bunias orientalis* L.* [The Botanical Garden of the University of Latvia, Riga, LV, 2006].
148. *Cochlearia officinalis* L. [The Botanical Garden of Besancon, FR, 2013].
149. *Crambe abyssinica* Hochst. ex R. E. Fr.* [Botanical Garden Faculty of Science Palacky University Olomouc, CZ, 2005].
150. *Crambe hispanica* ssp. *abyssinica* (Hochst. ex R. E. Fr.) Prina [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2014].
151. *Crambe maritima* L. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
152. *Draba aspera* Bertoloni [Botanical Garden of the University of Tartu, EE, 2004].
153. *Draba glacialis* Adams* [Botanical Garden of the Ruhr University Bochum, DE, 2005].
154. *Draba hispanica* Boiss.* [Humboldt University of Berlin, Institute of Biology, Arboretum, DE, 2010].
155. *Draba lasiocarpa* Rochel* [Experimental Station of Field Floriculture, LT, 2002].
156. *Draba lasiocarpa* ssp. *klasterskyi* Chrtek* [Botanic Garden of the Comenius University, Bratislava, SK, 2005].
157. *Draba sachalinensis* Trautv. [Botanical Garden of the Ruhr University Bochum, DE, 2005].
158. *Draba sakuraii* Makino [Botanical Garden University of Oslo, NO, 2005].
159. *Draba sauteri* Hoop. [Kovacs Pal Rock Garden, Dorog, HU, 2008].
160. *Draba tomentosa* Clairv.* [Vilnius University Botanical Garden, LT, 2004].
161. *Isatis tinctoria* L. [National Botanic Garden of Belgium, Meise, BE, 2003].
162. *Lepidium sativum* L.* [Botanic Garden of Johannes Gutenberg University Mainz, DE, 2013].
163. *Lesquerella alpina* (Nutt.) S. Watson [The Botanical Garden of the University of Regensburg, DE, 2010].
164. *Lesquerella arctica* (Wormsk. ex Hornem.) S. Watson [Kovacs Pal Rock Garden, Dorog, HU, 2011].
165. *Phoenicaulis cheiranthoides* Nutt. [Botanical Garden of the Ruhr University Bochum, DE, 2005].
166. *Sinapis arvensis* L.* [Botanic Garden of Rennes, FR, 2013].
167. *Sisymbrium luteum* (Maxim.) O.E. Schulz* [University of Oxford Botanic Garden and Harcourt Arboretum, UK, 2004].

CAMPANULACEAE Juss.

168. *Adenophora peresküifolia* (Roemer et Schultz) G. Don [The Greifswald Botanic Garden and Arboretum, DE, 2009].
169. *Asyneuma canescens* (Waldst. ex Kit.) Griseb. ex Schenk* [Botanic Garden of Rennes, FR, 2011].
170. *Campanula alliariifolia* Willd. [Prague Botanical Garden, CZ, 2012].
171. *Campanula barbata* L.* [University of Salzburg Departement of Organismic Biology Study Group Botanical Garden, AT, 2007].
172. *Campanula cochleariifolia* Lam.* [Botanic Garden of the Philipp University of Marburg, DE, 2002].
173. *Campanula collina* Sims [Reykjavik Botanical Garden, IS, (HB Nancy FRA, 1989), 2009].
174. *Campanula dolomitica* E. A. Busch [Botanical Garden of the University of Tartu, EE, 2010].
175. *Campanula incurva* Aucher ex A. DC. [Utrecht University Botanic Garden, NL, (Greece, Magnisia: Tsangarada), 2009].
176. *Campanula makaschvilii* E. A. Busch [Botanical Garden University of Pécs, HU, 2009].
177. *Campanula rhomboidalis* L. [The Alpine Botanical Garden "Saussurea", Courmayeur, IT, 2005].
178. *Campanula sarmatica* Ker Gawl. [The Munich Botanical Garden, Nymphenburg, DE, 2010].
179. *Campanula sarmatica* ssp. *sarmatica* (Lammers, 2007) [(*Campanula siegismundii* Fed.), Botanical Garden University of Pécs, HU, 2008].
180. *Campanula sibirica* L. [Arboretum and Institute of Physiography in Bolestraszyce, PL, 2004].
181. *Campanula speciosa* Pourr. [Botanical Garden of Justus-Liebig-University Giessen, DE, 2012].
182. *Campanula thyrsooides* L. [The Alpine Botanical Garden "Viotte", Trento, IT, 2013].
183. *Campanula wanneri* Rochel* (Lammers, 2007), [(*Symphyandra wanneri* Heuff.), Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2007].
184. *Codonopsis bhutanica* Ludlow. [The Botanical Garden of the University of Regensburg, DE, 2010].
185. *Codonopsis clematidea* C. B. Clarke [Salaspils National Botanical Garden, LV, 2001].
186. *Codonopsis ussuriensis* (Rupr. et Maxim.) Hemsl. [University of Oxford Botanic Garden and Harcourt Arboretum, UK, 2009].
187. *Codonopsis viridiflora* Maxim.* [RHS Garten Wisley, UK, 2008].
188. *Edraianthus dalmaticus* (A. DC.) A. DC. [Botanical Garden of the Carinthian Botanic Center, Klagenfurt, AT, 2009].

189. *Edraianthus serbicus* Petroviã [The Botanical Garden of Graz, Institute for Plant science, Karl-Franzens-University Graz, AT, 2005].
190. *Edraianthus tenuifolius* (Waldst. ex Kit.) A. DC.* [The Alpine Botanical Garden “Paradisia”, IT, 2005].
191. *Edraianthus tenuifolius* ‘Albus’ [Botanical Garden University Innsbruck, AT, 2012].
192. *Jasione heldreichii* Boiss. et Orph.* [Botanic Garden of Nantes, FR, 2002].
193. *Jasione laevis* Lam.* [Botanical Garden of Friedrich Schiller University of Jena, DE, 2009].
194. *Jasione pyrenaica* Sennen [The Botanical Garden of Graz, Institute for Plant science, Karl-Franzens-University Graz, AT, 2005].
195. *Lobelia kalmii* L.* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2007].
196. *Phyteuma charmelii* Vill. [Botanical Garden of the University of Potsdam, DE, 2006].
197. *Phyteuma vagneri* A. Kerner [Institute of Botany Academy of Sciences of the Czech Republik Pruhonice, CZ, 2004].

CANNABACEAE Endl.

198. *Cannabis sativa* L. [Botanic Garden of Šiauliai University, LT. No data available of their origin].

CAPRIFOLIACEAE Juss.

199. *Triosteum himalayanicum* Wall.* [University of Salzburg Department of Organismic Biology Study Group Botanical Garden, AT, 2009].
200. *Triosteum pinnatifidum* Maxim. [University of Turku Botanic Garden, FI, 2004].

CARYOPHYLLACEAE Juss.

201. *Agrostemma githago* L.* [Botanical Garden, Faculty of Science, Palacky University in Olomouc, CZ, 2006].
202. *Arenaria gracilis* Waldst. et Kit. [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, (Croatia: Velebit Mts., Buljma, 1350 m), 2007].
203. *Arenaria grandiflora* L.* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2003].
204. *Arenaria gypsophiloides* L. var. *glabra* Fenzl [Botanic Garden of the Philipp University of Marburg, DE, 2003].
205. *Arenaria kingii* Jones [Botanical Garden University of Oslo, NO, 2004].
206. *Arenaria polaris* Schischk.* [The Botanical Garden Bielefeld, DE, 2010].
207. *Arenaria procera* Spreng. ssp. *glabra* (F. N. Williams) Holub [The Botanical Garden of the University of Latvia, Riga, LV, 2003].
208. *Arenaria sajanensis* Willd. ex Schldl.* [The Botanical Garden Bielefeld, DE, 2008].
209. *Arenaria tmolea* Boiss.* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2006].
210. *Cerastium alpinum* var. *lanatum* (Lam.) Hegetschw. [G. Pociūlienė. Private collection, Pakalniškiai, Radviliškis district, LT, 2013].
211. *Cerastium decalvans* Schloss. et Vuk. [The Botanical Garden of Ljubljana, SI, 2006].
212. *Cucubalus baccifer* L. [Botanical Garden of the University of Zurich, CH, 2006].
213. *Dianthus alpinus* L. ‘Weiss’ [Experimental Station of Field Floriculture, LT, 2005].
214. *Dianthus carthusianorum* L.* [Botanical Garden Grugapark Essen, DE, 2008].
215. *Dianthus gratianopolitanus* Vill.* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2007].
216. *Dianthus knappii* (Pant.) Asch. et Kanitz ex Borbás* [Alexandru Borza Cluj-Napoca University Botanic Garden, RO, 2004].
217. *Dianthus monspessulanus* L.* [Botanical Garden Hanbury at Ventimiglia, IT, (Valle di Palombaro-Palombaro (CH), 1940 m), 2005].
218. *Dianthus nitidus* Waldst. et Kit. [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2003].
219. *Dianthus oschtenicus* Galushko [St Andrews Botanic Garden, the Canongate, UK, 2013].
220. *Dianthus petraeus* Waldst. et Kit [The Botanical Garden of the University of Tübingen, DE, 2003].
221. *Dianthus pindicola* Vierh. [Botanical Garden Teplice, CZ, 2013].
222. *Dianthus praecox* Willd. et Spreng. [Botanical Garden of P. J. Šafárik University, Košice, SK, 2010].
223. *Dianthus ruprechtii* Schischk. [Botanical Garden of Pyatigorsk State Pharmaceutical Academy, RU, 2004].
224. *Dianthus tianshanicus* Schischk.* [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2004].
225. *Drypis spinosa* L.* [Utrecht University Botanic Garden, AN, (Slovenia, Trnovski Gozd (Ternovaner Wald), Adovscina, Aufstieg von der Zavetisce Bavcerja Zum M. Gora., 1000-1200 m), 2008].
226. *Gypsophila pacifica* Kom. [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2010].
227. *Gypsophila scorzonerifolia* Ser. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2004].

228. *Gypsophila tenuifolia* M. Bieb.* [Botanic Garden of the Philipp University of Marburg, DE, 2009].
229. *Lychnis flos-jovis* (L.) Desr. [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2011].
230. *Lychnis flos-jovis* (L.) Desr. 'Nana' [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2003].
231. *Minuartia doerfleri* Hayek* [Botanic Garden of the University of Copenhagen, DK, (Greece: Dramas, Mt Falakro, 1800-2100 m, S54429), 2004].
232. *Minuartia juniperina* (L.) Maire et Petitm. [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2004].
233. *Minuartia krascheninnikovii* Schischk. [The Botanical Garden of Ufa Scientific Center of Russian Academy of Sciences, RU, 2004].
234. *Minuartia langii* (Reuss) Holub. [Botanical Garden of P. J. Šafárik University, Košice, 2004].
235. *Minuartia rupestris* (Scop.) Schinz et Thell.* [The Alpine Botanical Garden "Rezia", Bormio, IT, 2004].
236. *Minuartia verna* (L.) Hiern* [Botanical Garden of the University of Tartu, EE, 2002].
237. *Saponaria caespitosa* DC. [Botanical Garden of the University of Tartu, EE, 2003].
238. *Saponaria lutea* L. [The Munich Botanical Garden, Nymphenburg, DE, (Italy, Vallone urtier, Alpe Manda, 2400 m), 2004].
239. *Saponaria officinalis* L. ["Anastasiu Fătu" Botanic Garden, "Alexandru Ioan Cuza" University of Iasi, RO, 2006].
240. *Saponaria sicula* Rafin. ssp. *intermedia* (Simmer) Chater [The Botanical Garden of Graz, Institute for Plant science, Karl-Franzens-University Graz, AT, 2006].
241. *Silene asterias* Griseb.* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2011].
242. *Silene atropurpurea* (Griseb.) Greuter et Burdet* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2007].
243. *Silene chlorantha* (Willd.) Ehrh.* [Botanic Garden of Johannes Gutenberg University Mainz, DE, 2004].
244. *Silene cintrana* Rothm. [Tropical Botanical Garden, Lisboa, PT, 2004].
245. *Silene keiskei* Miq* [Reykjavik Botanical Garden, IS, 2012].
246. *Silene nutans* L.* [The Botanical Garden of Graz, Institute for Plant science, Karl-Franzens-University Graz, AT, 2012].
247. *Silene quadridentata* (L.) Pers. [The Botanic Garden of the University of Padua, IT, (Monte Faverghera, Belluno (BL), 1500 m), 2004].
248. *Silene vulgaris* (Moench) Garcke* (<http://www.theplantlist.org>), [(*Silene zawadskii* Fenzl), The Munich Botanical Garden, Nymphenburg, DE, 2004].

CHENOPODIACEAE Vent.

249. *Chenopodium bonus – henricus* L.* [Institute of Botany of the Nature Research Centre, Vilnius, LT, 2002].
250. *Chenopodium schraderianum* Schult. [Institute of Botany of the Nature Research Centre, Vilnius, LT, 2002].
251. *Kochia scoparia* (L.) Schrad.* [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2006].

CISTACEAE Juss.

252. *Cistus albanicus* Heywood* [The Munich Botanical Garden, Nymphenburg, DE, 2006].
253. *Helianthemum lippii* Pers. [Vilnius University Botanical Garden, LT, 2005].

CONVOLVULACEAE Juss.

254. *Ipomoea hederifolia* L.* [Botanic Garden of Technical University Dresden, DE, 2012].
255. *Ipomoea purpurea* (L.) Roth 'Venice Blue'* [Botanic Garden of University of Konstanz, DE, 2013].

CRASSULACEAE DC.

256. *Rhodiola rhodantha* (Gray) Jacobsen* [Akureyri Botanical Garden, IS, (Denver HB 1994 Spont.: Upper Mohawk Lake, Ten Mile Range, Summit County, Colorado, 3780 m), 2007].

CUCURBITACEAE Juss.

257. *Citrullus colocynthis* (L.) Schrad.* [National Botanic Garden of Belgium, Meise, BE, 2013].
258. *Lagenaria siceraria* (Molina) Standl.* [Botanic Gardens and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2013].

DIPSACACEAE Juss.

259. *Cephalaria gigantea* (Ledeb.) Bobrov* [Botanical Garden of the Technical University Braunschweig, DE, 2011].
260. *Dipsacus pilosus* L.* [The Botanical Garden of the University of Regensburg, DE, 2011].
261. *Knautia godetii* Reut. [Botanical Garden of the University of Zurich, CH, 2012].
262. *Morina longifolia* Wall.* [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2002].
263. *Scabiosa columbaria* L.* [Botanical Garden of Friedrich Schiller University of Jena, DE, 2012].

264. *Scabiosa cretica* L. [Royal Horticultural Society Garden Wisley, Surrey, GB, 2012]
265. *Scabiosa georgica* Sulak. [University of Alberta Devonian Botanic Garden, CA, 2012].
266. *Scabiosa graminifolia* L.* [The Alpine Botanical Garden “Viotte”, Trento, IT, 2002].
267. *Scabiosa japonica* var. *alpina* Takeda* [The Botanical Garden Bielefeld, DE, 2010].
268. *Scabiosa lucida* Vill.* [Salaspils National Botanical gardens, LV, 2002].
269. *Scabiosa lucida* Vill. ‘Nana’ [G. Pociūlienė. Private collection, Pakalniškiai, Radviliškis district, LT, 2012].
270. *Scabiosa ochroleuca* L.* [Botanic Gardens and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2011].

ERICACEAE Juss.

271. *Bruckenthalia spiculifolia* (Salisb.) Reichenb. [The Botanical Garden of the University of Tübingen, DE, 2003].
272. *Gaultheria mucronata* (L. f.) Hook. et Arn.* [National Botanic Garden, Glasnevin, IE, 2003]
273. *Gaultheria procumbens* L. [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, 2003].
274. *Kalmia latifolia* f. *myrtifolia* (Bosse) K. Koch. [Batumi Botanical Garden of the Academy of Sciences, GE, 2007].
275. *Kalmia polifolia* Wengen. [Salaspils National Botanical Garden, LV, 2003].
276. *Menziesia pilosa* (Michx.) Juss. [The Botanical Garden of the University of Tübingen, DE, 2003].
277. *Rhododendron brachycarpum* G. Don [Rhododendron nursery Babite University of Latvia, LV, 2003].
278. *Rhododendron canadense* (L.) Torr. [Rhododendron nursery Babite University of Latvia, LV, 2003].
279. *Rhododendron canadense* f. *albiflorum* (E.L. Rand et Redfield) Rahder* [(*Rhododendron canadense* var. *album*), Rhododendron nursery Babite University of Latvia, LV, 2003].
280. *Rhododendron catawbiense* Michx. [Salaspils National Botanical Garden, LV, 2002].
281. *Rhododendron dauricum* L. [Rhododendron nursery Babite University of Latvia, LV, 2003].
282. *Rhododendron hirsutum* L. [Rhododendron nursery Babite University of Latvia, LV, 2003].
283. *Rhododendron japonicum* (A. Gray) Suring. [Rhododendron nursery Babite University of Latvia, LV, 2002].
284. *Rhododendron japonicum* ‘Album’ [Russian Academy of Sciences far East Branch Sakhalin Botanical Garden, RU, 2004].
285. *Rhododendron luteum* (L.) Sweet [Rhododendron nursery Babite University of Latvia, LV, 2002].
286. *Rhododendron maximum* L. [Rhododendron nursery Babite University of Latvia, LV, 2003].
287. *Rhododendron micranthum* Turcz.* [Botanical Garden, AV Fomina Kyiv National Taras Shevchenko University, UA, 2003].
288. *Rhododendron minus* Michx. [Rhododendron nursery Babite University of Latvia, LV, 2003].
289. *Rhododendron mucronulatum* Turcz. [Rhododendron nursery Babite University of Latvia, LV, 2003].
290. *Rhododendron schlippenbachii* Maxim. [Rhododendron nursery Babite University of Latvia, LV, 2002].
291. *Rhododendron smirnowii* Trautv. [Tallinn Botanic Garden, EE, 2003].
292. *Rhododendron viscosum* (L.) Torr. [Rhododendron nursery Babite University of Latvia, LV, 2003].
293. *Tripetaleia bracteata* Maxim. (Cullen, 2005) [(*Botryostege bracteata* (Maxim.) Stapf.), Salaspils National Botanical Garden, LV, 2003].

EUPHORBIACEAE Juss.

294. *Ricinus communis* L.* [The Greifswald Botanic Garden and Arboretum, DE, 2013].
295. *Ricinus communis* ‘New Zealand Purple’* [Botanical Garden of Gacilly, FR, 2013].

FABACEAE Lindl.

296. *Astragalus ponticus* Pall. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2012].
297. *Baptisia australis* (L.) R. Br. [Traupio Botanical Garden, LT, 2001].
298. *Cytisus emeriflorus* Rechb.* [Alpine Botanical Garden of Lautaret, FR, 2005].
299. *Genista radiata* (L.) Scop. [The Alpine Botanical Garden “Rezia”, Bormio, IT, 2005].
300. *Glycyrrhiza echinata* L.* [Botanic Gardens and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2004].
301. *Glycyrrhiza uralensis* Fisch.* [Central Botanical Garden of National Academia Science of Belarus, Minsk, BY, 2004].
302. *Lathyrus pisiiformis* L.* [Vilnius University Botanical Garden, LT, 2001].
303. *Lathyrus vernus* (L.) Bernh.* [Botanic Garden of Šiauliai University, LT, 2000].
304. *Lathyrus vernus* ‘Albus’* [Botanical Gardens of Amsterdam University, NL, 2001].
305. *Lens culinaris* Medik. [Botanical Garden of the University of Zurich, CH, 2014].
306. *Onobrychis viciifolia* Scop. [Universtiy of Salzburg Department of organismic biology Study Group Botanical Garten, (Austria, Salzburg, Osterhorngruppe, St. Koloman SE, Seewaldsee W 0,5 km, roadside embankment, limestone, 1000 msm, 7/09 M), AT, 2009].
307. *Ornithopus perpusillus* L.* [The French National Museum of Natural History, Paris, FR, 2005].

308. *Thermopsis lupinoides* (L.) Link [Russian Academy of Sciences far East Branch Sakhalin Botanical Garden, RU, 2004].
 309. *Thermopsis villosa* (Walter) Fernald et B. G. Schub.* [RHS Garden Wisley, UK, 2006].

GENTIANACEAE Juss.

310. *Gentiana burseri* Lapeyr. ssp. *burseri* [Botanical Garden University of Oslo, NO, 2004].
 311. *Gentiana cruciata* L. [Botanical Garden of Lodz, PL, 2003].
 312. *Gentiana dahurica* Fisch.* (Cullen et al., 2000), [(*Gentiana gracilipes* Tussill), Botanical Garden of the Christian Albrechts University of Kiel, DE, 2005].
 313. *Gentiana dendrologi* C. Marguand* [The Munich Botanical Garden, Nymphenburg, DE, 2004].
 314. *Gentiana freyniana* Bornm. ex Freyn [Botanical Garden University of Oslo, NO, 2003].
 315. *Gentiana grossheimii* Doluch.* [University of Alberta Devonian Botanic Garden, CA, 2004].
 316. *Gentiana kurro* Royle* [Botanic Garden of Nantes, FR, 2005].
 317. *Gentiana lutea* L. [The Botanical Garden of the University of Regensburg, DE, 2004].
 318. *Gentiana macrophylla* Pall.* [The Botanical Garden of the University of Regensburg, DE, 2004].
 319. *Gentiana moorcroftiana* Wall. et G. Don* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2004].
 320. *Gentiana occidentalis* (A. Gray) T. J. Fitzp.* [Botanical Garden Rennsteiggarten Oberhof, DE, 2006].
 321. *Gentiana olivieri* Griseb. [Botanical Garden of Friedrich Schiller University of Jena, DE, 2011].
 322. *Gentiana septemfida* Pall. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
 323. *Gentiana siphonantha* Maxim. ex Kuzn.* [Armand David Botanical Garden, La Genête, FR, (China, Sichuan, Mt. EmeietJiuzhaigou area, 2700 m), 2010].
 324. *Gentiana straminea* Maxim [The Alpine Botanical Garden "Paradisica", IT, 2007].
 325. *Gentiana tianschanica* Rupr.* [The Botanical Garden of the University of Regensburg, DE, 2004].
 326. *Gentiana tibetica* King. ex Hook. f.* [National Botanic Garden of Belgium, Meise, BE, 2002].
 327. *Gentiana walujewii* Regel et Schmalh. (<http://www.theplantlist.org>), [(*Gentiana walujewii* var. *kesselringii* Regel), University of Alberta Devonian Botanic Garden, CA, 2004].

GERANIACEAE Juss.

328. *Geranium soboliferum* Kom.* [The Botanical Garden of the University of Regensburg, DE, 2008].

GLOBULARIACEAE DC.

329. *Globularia aphyllanthes* Crantz* [University Botanic Garden, Sofia, BG, 2006].
 330. *Globularia punctata* Lapeyr. [Salaspils National Botanical Garden, LV, 2003].
 331. *Globularia trichosanthes* Fischer et G. A. Mey [Vilnius University Botanical Garden, LT, 2007].

HYPERICACEAE Juss.

332. *Hypericum przwalskii* Maxim.* [University of Alberta Devonian Botanic Garden, CA, 2004].
 333. *Hypericum x inodorum* Mill.* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2006].

LAMIACEAE Lindl.

334. *Dracocephalum argunense* Fisch. ex Link [Botanical Garden University of Oslo, NO, 2007].
 335. *Dracocephalum diversifolium* Rupr.* [The Alpine Botanical Garden "Paradisica", IT, 2004].
 336. *Dracocephalum imberbe* Bunge [Reykjavik Botanical Garden, IS, 2010].
 337. *Dracocephalum renati* Emb.* [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2011].
 338. *Dracocephalum tanguticum* Maxim.* [Botanic Garden of the Philipp University of Marburg, DE, 2011].
 339. *Dracocephalum wallichii* Sealy* [University of British Columbia Botanical Garden, Vancouver, CA, 2006].
 340. *Dracocephalum wendelboi* Hedge [Reykjavik Botanical Garden, IS, 2012].
 341. *Lavandula angustifolia* Mill. [Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Babtai, Kaunas district, LT, 1999].
 342. *Leonurus sibiricus* L.* [Botanic Gardens and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2004].
 343. *Nepeta nervosa* Royle ex Benth.* [Botanic Garden of Šiauliai University, LT. No data available of their origin].
 344. *Nepeta wilsonii* Duthie [Prague Botanical Garden, CZ, 2012].
 345. *Phlomis armeniaca* Willd.* [University of Alberta Devonian Botanic Garden, CA, 2004].
 346. *Phlomis russeliana* (Sims) Benth. [Botanic Garden of Cologne, DE, 2004].
 347. *Salvia austriaca* Jacq. [The Botanic Garden of the University of Oulu, FI, 2013].
 348. *Salvia transylvanica* (Grisebach) Schur. [Botanical Garden of La Gacilly, FR, 2009].
 349. *Scutellaria alpina* L. [Botanic Garden of Johannes Gutenberg University Mainz, DE, 2002].

350. *Scutellaria altissima* L.* [National Botanic Garden of Belgium, Meise, BE, 2004].
 351. *Scutellaria baicalensis* Georgi* [Botanical Garden of Warsaw University, PL, 2011].
 352. *Sideritis glacialis* Boiss.* [The Botanical Garden Aarhus, DK, 2004].
 353. *Sideritis hyssopifolia* L. [The Alpine Botanical Garden “Viotte”, Trento, IT, 2004].
 354. *Stachys abchasica* (N. Pop ex Grossh.) Czer. [Salaspils National Botanical Garden, LV, 2002].
 355. *Stachys macrantha* (K. Koch) Stearn* [Experimental Station of Field Floriculture, LT, 2003].
 356. *Stachys macrantha* ‘Rosea’ [National Botanic Garden, Glasnevin, IE, 2004].
 357. *Stachys monieri* (Gouan) P. W. Ball.* [National Botanic Garden of Belgium, Meise, BE, 2004].
 358. *Stachys officinalis* (L.) Trevis. [The Trieste Municipal Botanic Garden, IT, 2010].
 359. *Stachys pradica* (Zanted.) Greuter et Pignatti [The Alpine Botanical Garden “Paradisio”, IT (Courmayeur, V. Veni, 2200 m), 2009].
 360. *Teucrium hircanicum* L.* [The Botanical Garden of Bonn University, DE, 2010].

LINACEAE DC. ex Gray

361. *Linum extraaxillare* Kit. [Botanical Garden of P. J. Šafarik University, Kosice, SK, 2004].
 362. *Linum flavum* L. [Vilnius University Botanical Garden, LT, 2001].
 363. *Linum perenne* L. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden Vacratot, HU, 2006].

LOASACEAE Spreng.

364. *Blumenbachia hieronymi* Urban* [The Ecological-Botanical Gardens of the University of Bayreuth, DE, 2013].
 365. *Nasa triphylla* (Juss) Weigend ssp. *triphylla** [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2013].

LYTHRACEAE J. St.-Hil.

366. *Lythrum alatum* Pursh* [Botanical Garden of the University of Potsdam, DE, 2004].
 367. *Lythrum salicaria* L.* [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2009].
 368. *Lychnis yunnanensis* Baker f. [Nancy Botanical Garden, FR, 2011].

MALVACEAE Juss.

369. *Abutilon theophrasti* Medik. [The Kyoto Botanical Garden, JP, 2010].
 370. *Alcea rosea* L. var. *nigra* ‘Flore Plena’* [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2004].
 371. *Athaea cannabina* L. [The Botanical Garden of the University of Latvia, Riga, LV, 2009].
 372. *Anoda hastata* Cav. [Botanical Garden of Clermont-Ferrand, FR, 2014].
 373. *Kitaibela vitifolia* Willd.* [Botanical Garden of Amsterdam University, NL, 2004].
 374. *Lavatera thuringiaca* L. [Experimental Station of Field Floriculture, LT, 2003].
 375. *Lavatera trimestris* L. ‘Silver Cup’ [Station of Nature Research and Environmental Education, Marijampolė, LT, 2014].
 376. *Malva alcea* L. [The Botanical Garden of St. Triphon, CH, 2009].
 377. *Malva trimestris* (L.) Kuntze [Botanic Garden of Technical University Dresden, DE, 2014].
 378. *Sida hermaphrodita* (L.) Rusby [Botanic Garden of Warsaw University, PL, 2012].
 379. *Sida napaea* Cav. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].

NOLANACEAE Dum.

380. *Nolana humifusa* (Gouan) I. M. Johnst. [Botanical Garden of the Technical University Braunschweig, DE, 2011].

NYCTAGINACEAE Juss.

381. *Mirabilis jalapa* L.* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2013].

ONAGRACEAE Juss.

382. *Epilobium fleischeri* Hochst.* [Botanical Garden of the University of Zurich, CH, Switzerland, Saas Almagell VS; 2238 m, 2007].
 383. *Epilobium parviflorum* Schreb.* [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2013].
 384. *Oenothera minima* Pursh. [Botanic Gardens and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2010].
 385. *Oenothera missouriensis* Sims* [Botanical Garden, AV Fomina Kyiv National Taras Shevchenko University, UA, 2003].
 386. *Oenothera tetragona* Roth* [The Alpine Botanical Garden “Rezia”, Bormio, IT, 2008].
 387. *Oenothera triloba* Nutt. [Alexandru Borza Cluj-Napoca University Botanic Garden, RO, 2013].

PAEONIACEAE F. Rudolphi

388. *Paeonia mlokosewitschii* Lomakin* [Botanic Garden of Nantes, FR, 2007].
389. *Paeonia obovata* Maxim.* [N. V. Tsitsin's Botanical Garden of the Russian Academy of Sciences, Moscow, RU, 2004].
390. *Paeonia rockii* (S. G. Haw et Lauener) T. Hong et J. J. Li ex D. Y. Hong* [The Botanical Garden of Ljubljana, SI, 2007].
391. *Paeonia veitchii* Lynch [Botanic Garden and Botanical Museum Berlin – Dahlem, DE, 2006]

PAPAVERACEAE Juss.

392. *Argemone mexicana* L. [The Ecological-Botanical Gardens of the University of Bayreuth, DE, 2004].
393. *Dicentra torulosa* Hooker f. et Thomson* [University of Turku Botanic Garden, FI, 2009].
394. *Glaucium fimbrilligerum* Boiss. [Botanical Garden Macea of the University Vest “Vasile Goldis”, Comuna Macea, RO, 2012].
395. *Macleaya microcarpa* (Maxim.) Fedde [The Botanical Garden of the University of Regensburg, DE, 2004].
396. *Meconopsis cambrica* (L.) Vig.* [Botanic Garden of Nantes, FR, 2002].
397. *Papaver argemone* L. [Botanical Garden of Martin Luther University of Halle-Wittenberg, DE, 2014].
398. *Papaver bracteatum* Lindl. [The Botanical Garden of the University of Regensburg, DE, 2004].
399. *Papaver nudicaule* L. [Botanic Garden of Rennes, FR, 2011].
400. *Papaver rupifragum* Boiss et Reut [Botanical Garden of the University of Zurich, CH, 2014].

PASSIFLORACEAE Juss. ex Roussel

401. *Passiflora adenopoda* DC. [Tropical Botanical Garden, Lisboa, PT, 2011].

PLANTAGINACEAE T. Lestib. ex Dumort.

402. *Erinus alpinus* L.* [National Botanic Garden of Belgium, Meise, BE, 2004].
403. *Plantago lanceolata* L. [The Antwerp Botanical Garden, BE, 2009].
404. *Plantago major* L. ‘Rosularis’ [G. Pociūlienė. Private collection, Pakalniškiai, Radviliškis district, LT, 2012].
405. *Wulfenia baldaccii* Degen* [Botanical Garden University Innsbruck, AT, 2007].

PLUMBAGINACEAE Juss.

406. *Armeria alpina* (DC.) Willd.* [Akureyri Botanical Garden, IS, (Graz Rannach Alp Gard 2001; Spont.: Italy, Julische Alpen, Canin-Nordseite, ca 1900 m, HD), 2011].
407. *Armeria arctica* (Cham.) Wallr. [National Botanic Garden, Glasnevin, IE, 2005].
408. *Armeria labradorica* Wallr. [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2003].
409. *Armeria pseudarmeria* (Murray) Mansf. [Botanic Garden and Botanical Museum Berlin-Dahlem, DE, 2009].
410. *Armeria ruscinonensis* Girard [Botanical Garden of Klaipėda University, LT, 2010].
411. *Armeria sibirica* Turcz. ex Boiss. [Botanical Garden of the Carinthian Botanic Center, Klagenfurt, AT, 2008].

POLEMONIACEAE Juss.

412. *Ipomopsis rubra* (L.) Wherry* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden Vacratot, HU, 2010].
413. *Phlomis macrophylla* Benth. [Prague Botanical Garden, CZ, 2012].
414. *Polemonium caeruleum* L.* [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2001].
415. *Polemonium pulcherrimum* Hook.* [The Botanical Garden of Bonn University, DE, 2011].

POLYGONACEAE Juss.

416. *Fagopyrum esculentum* Moench ‘Narimskaja mestnaja’* [Siberian Botanical Garden of Tomsk State University, RU, 2012].
417. *Fagopyrum esculentum* Moench ‘Vokiai’ [Vilnius University Botanical Garden, LT, 2006].
418. *Rheum rhaponticum* L. ‘Altaickie Zori’ [Siberian Botanical Garden of Tomsk State University, RU, 2012].
419. *Rumex conglomerathus* Murray [The Botanical Garden of the University of Münster, DE, 2003].
420. *Rumex thianshanicus* Losinsk. [The Botanical Garden of Bonn University, DE, 2004].

PRIMULACEAE Vent.

421. *Dodecatheon alpinum* (A. Gray) Greene* [Reykjavik Botanical Garden, IS, 2008].
422. *Lysimachia ephemera* L.* [RHS Garten Wisley, UK, 2009].
423. *Primula amoena* M. Bieb. [The Alpine Botanical Garden “Rezia”, Bormio, IT, 2010].
424. *Primula elatior* Hill [Botanical Gardens of Clermont-Ferrand, FR, 2009].
425. *Primula elatior* ssp. *intricata** (Gren. et Godr.) Ludi [Botanical Garden Arboretum Trompenburg, Rotterdam, NL, (Italy: Valle di Palombaro, Alt.: 1670 m), 2010].
426. *Primula veris* L. [The Botanical Garden of the University of Latvia, Riga, LV, 2009].

RANUNCULACEAE Juss.

427. *Aconitum barbatum* Patr. ex Pers. [Botanical Garden of the Carinthian Botanic Center, Klagenfurt, AT, 2006].
428. *Aconitum carmichaelii* Debeaux var. *arendsii* Hort. [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2011].
429. *Aconitum carmichaelii* var. *wilsonii* (Stapf ex Mottet) Munz* [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2010].
430. *Aconitum compactum* Reichb. [The Ecological-Botanical Gardens of the University of Bayreuth, DE, 2009].
431. *Aconitum decipiens* Vorosch. & Anfalov [The Botanical Garden of the University of Regensburg, DE, 2011].
432. *Aconitum fischeri* Reichenb* [The Botanical Garden of the University of Regensburg, DE, 2001].
433. *Aconitum lycoctonum* L.* [University of Oxford Botanic Garden and Harcourt Arboretum, UK, 2006].
434. *Aconitum moldavicum* Hacq. [The Botanical Garden of University of Debrecen, HU, 2005].
435. *Aconitum tanguticum* (Maxim.) Stapf [Göteborg Botanic Garden, SE, 2007].
436. *Aconitum vulparia* Rchb. [Botanic Garden and Arboretum Mendel University of Agriculture and forestry Brno, CZ, 2006].
437. *Actaea alba* (L.) Mill.* [Botanical Garden University of Oslo, NO, 2006].
438. *Actaea rubra* (Ait.) Willd.* [Salaspils National Botanical Garden, LV, 2002].
439. *Anemonastrum narcissiflorum* (L.) Holub [University of Salzburg Department of Organismic Biology Study Group Botanical Garden, AT, 2009].
440. *Anemone altaica* Fisch. ex C. A. Mey. [Botanic Garden of the Comenius University, Bratislava, SK, 2004].
441. *Anemone demissa* Hook. f. et Thomson [The Botanical Garden of Bonn University, DE, 2010].
442. *Anemone narcissiflora* ssp. *fasciculata* (L.) Ziman et Fedor.* (<http://www.theplantlist.org>), [(*Anemone fasciculata* L.), The Alpine Botanical Garden "Paradisia", IT, 2005].
443. *Anemone rupicola* Cambess. ex Jacquem. [Collector A. Grišaitė. LT, (The Botanical Garden of Schellerhau, DE), 2011].
444. *Aquilegia atrata* W. D. J. Koch [Institute of Ecology and Botany Hungarian Academy of Sciences Botanic Garden, Vacratot, HU, 2005].
445. *Aquilegia canadensis* L. [Botanic Garden of the Jagiellonian University, Kraków, PL, 2004].
446. *Aquilegia dinarica* Beck* [Gothenburg Botanical Garden, SE, (Monte Negro: Koomvi, 2200 m), 2010].
447. *Aquilegia formosa* Fisch. ex DC. [The Botanical Garden of St. Triphon, CH, 2010].
448. *Aquilegia olympica* Boiss. [Botanical Garden of the Carinthian Botanic Center, Klagenfurt, AT, 2010].
449. *Aquilegia ottonis* ssp. *amaliae* (Heldr. ex Boiss.) Strid* (<http://www.theplantlist.org>), [(*Aquilegia amaliae* Heldr. ex Boiss.), Botanical Garden of the University of Potsdam, DE, 2005].
450. *Aquilegia sibirica* Lam.* [Botanic Garden of the Philipp University of Marburg, DE, (Sibirien, Sayan Mts., Munku Sardic, 2500 m), 2009].
451. *Aquilegia* 'Roman Bronze' [University of Alberta Devonian Botanic Garden, CA, 2012].
452. *Cimicifuga europea* Schipez.* [The Botanical Garden of the University of Regensburg, DE, 2003].
453. *Cimicifuga racemosa* (L.) Nutt.* [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2004].
454. *Clematis integrifolia* L. [Botanical Garden of the Voroneszh University B. M. Kozo - Poljanskii, RU, 2009].
455. *Consolida ajacis* (L.) Schur* [University of Ferrara Botanic Garden, IT, 2004].
456. *Delphinium brunonianum* Royle* [Botanical Garden, Faculty of Science, Palacky University in Olomouc, CZ, 2009].
457. *Delphinium cashmerianum* Royle* [The Alpine Botanical Garden "Viotte", Trento, IT, 2002].
458. *Delphinium pictum* Wild ssp. *pictum* [The Söllner Botanic Garden, ES, 2004].
459. *Delphinium pyramidatum* Albov [The Botanical Garden of the University of Ulm, DE, 2009].
460. *Delphinium retropilosum* (Huth) Sambuk* [The South-Siberian Botanical Garden, Barnaul, RU, 2006].
461. *Delphinium tatsienense* Franch. [Botanical Garden University of Oslo, NO, 2003].
462. *Pulsatilla albana* (Stev.) Bercht. et J. Presl [Botanical Garden of Pyatigorsk State Pharmaceutical Academy, RU, 2004].
463. *Pulsatilla armena* Rupr. [The Alpine Botanical Garden "Paradisia", IT, 2005].
464. *Pulsatilla campanella* Fisch. ex Krylov [Botanical Garden University Innsbruck, AT, 2010].
465. *Pulsatilla davurica* Spreng. (<http://www.ipni.org>), [(*Pulsatilla davurica* (Fisch. ex DC.) Spreng.), The Amur Branch of Botanical Garden-Institute, Far-East Division, Russian Academy of Sciences, Blagoveschensk, RU, 2011].
466. *Pulsatilla montana* (Hoppe) Reichenbach* [The Trieste Municipal Botanic Garden, IT, 2005].
467. *Pulsatilla multifida* (L.) Miller ssp. *multifida* (Pritz.) Zamelis [The South-Siberian Botanical Garden, Barnaul, RU, 2009].
468. *Pulsatilla regeliana* (Maxim.) Pavlov [Botanical Garden Rennsteiggarten Oberhof, DE, 2010].
469. *Pulsatilla rubra* (Lam.) Delarbre.* [Botanical Garden University of Oslo, NO, 2005].
470. *Pulsatilla slavica* G. Reuss* [Raciborski Mountain Botanical Garden, Zakopane, PL, 2009].
471. *Pulsatilla styriaca* (Pritz.) Simk. [The Botanical Garden of Graz, Institute for Plant science, Karl-Franzens-University Graz, AT, 2006].

472. *Pulsatilla vulgaris* Mill. 'Rote Glocke' [Arboretum "Kokaudzētava Baltezers", LV, 2004].
 473. *Pulsatilla zimmermannii* Soo [Botanical Garden of the University of Potsdam, DE, 2006].
 474. *Ranunculus auricomus* L. [Botanic Garden of Šiauliai University, LT, 1997].
 475. *Semiaquilegia ecalcarata* (Maxim.) Sprang. et Hut.* [Botanical Garden of the University of Tartu, EE, 2010].
 476. *Thalictrum bauhini* Crantz. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
 477. *Thalictrum calabricum* Spreng. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
 478. *Thalictrum chelidonii* DC. [The Botanical Garden of the University of Regensburg, DE, (Alpine Garden Club of British Columbia), 2011].
 479. *Thalictrum foetidum* L. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanic Garden, Vacratot, HU, 2003].
 480. *Thalictrum lucidum* L.* [The Botanical Garden of the Heinrich-Heine University, Dusseldorf, DE, 2003].
 481. *Thalictrum petaloideum* L. [The South-Siberian Botanical Garden, Barnaul, RU, 2011].
 482. *Thalictrum rochebrunnianum* Franch. et Sav. [The Botanical Garden of the University of Regensburg, DE, 2011].
 483. *Trollius acaulis* Lindl. [The Botanical Garden of the University of Regensburg, DE, 2006].
 484. *Trollius altaicus* C. A. Mey. [The Botanical Garden of the University of Regensburg, DE, 2009].
 485. *Trollius chinensis* Bunge (<http://www.theplantlist.org>), [(*Trollius macropetalus* F.Schmidt), Botanical Garden-Institute Vladivostok, RU, 2011].
 486. *Trollius chinensis* Bunge [Botanic Garden of the Philipp University of Marburg, DE, 2009].
 487. *Trollius pumilus* D. Don.* [Botanic Garden of Nantes, FR, 2002].

RESEDACEAE DC. ex Gray.

488. *Reseda lutea* L.* [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2009].

ROSACEAE Juss.

489. *Acaena alpina* Poepp. ex Walp. [Botanical Garden Teplice, CZ, 2010].
 490. *Acaena anserinifolia* (J. R. et G. Foster) Druce* (Cullen J. et al., 2002), [(*Acaena sanguisorbae* Vahl), Vilnius University Botanical Garden, LT, 2009].
 491. *Agrimonia procera* Wallr. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2001].
 492. *Dryas drummondii* Richardson ex Hook. [The Botanical Garden of the University of Regensburg, DE, 2002].
 493. *Dryas hookeriana* Jusep. [The Alpine Botanical Garden "Rezia", Bormio, IT, 2008].
 494. *Dryas octopetala* L. var. *vestita* Beck* [Botanical Garden Rennsteiggarten Oberhof, DE, 2010].
 495. *Filipendula palmata* (Pall.) Maxim. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2004].
 496. *Geum bulgaricum* Pancic* [National Botanic Garden, Glasnevin, IE, 2004].
 497. *Gillenia trifoliata* (L.) Moench* [Royal Botanic Garden, Juan Carlos I, Madrid, ES, 2002].
 498. *Horkelia fusca* Lindl. [Botanical Garden of the University of Tartu, EE, 2011].
 499. *Potentilla ancistrifolia* var. *dickensii* (Franch. et Sav.) Koidz. (<http://zipcodezoo.com/Plants>), [(*Potentilla dickinsii* Franchet et Sav.), Reykjavik Botanical Garden, IS, (Japan: Honshu, Tochigi prefecture, Mt. Kassi), 2010].
 500. *Potentilla andicola* Benth. [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2005].
 501. *Potentilla fissa* Nutt. [The Alpine Botanical Garden "Viotte", Trento, IT, 2004].
 502. *Potentilla rupestris* L.* [University of Alberta Devonian Botanic Garden, CA, 2004].
 503. *Rubus illecebrosus* Focke* [I. Kundrotienė. Private collection, Šiauliai, LT, 2011].
 504. *Sanguisorba alpina* Bunge [Botanical Garden of the University of Tartu, EE, 2011].
 505. *Sanguisorba dodecandra* Moretti [Tallinn Botanic Garden, EE, 2004].
 506. *Sanguisorba magnifica* I. Schischkin et Kom. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
 507. *Sanguisorba officinalis* L. [The local area Šiauliai district, LT, 2004].

RUBIACEAE Juss.

508. *Asperula aristata* L. f. ssp. *scabra* (J. et C. Presl) Nym.* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanical Garden, Vacratot, HU, 2006].

RUTACEAE Juss.

509. *Ruta graveolens* L.* [Botanic Garden of Šiauliai University, LT. No data available of their origin].

SAXIFRAGACEAE Juss.

510. *Astilbe chinensis* (Maxim.) Franch. et Sav.* [Gothenburg Botanical Garden, SE, 2009].
 511. *Darmera peltata* (Torrey) Voss* [Experimental Station of Field Floriculture, LT, 2003].
 512. *Elmera racemosa* (S. Watson) Rydb. [Botanical Garden of the University of Tartu, EE, 2009].
 513. *Heuchera americana* L. [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2004].
 514. *Heuchera cylindrica* Douglas ex Hook.* [Salaspils National Botanical Garden, LV, 2003].

515. *Heuchera curtisii* Torr. et A. Gray [Reykjavik Botanical Garden, IS, 2004].
516. *Heuchera grossulariifolia* Rydb.* [Botanical Garden University of Oslo, NO, 2003].
517. *Heuchera pilosissima* Fisch. et May. [Botanic Garden of the Jagiellonian University, Kraków, PL, 2004].
518. *Heuchera pulchella* Wooton et Standl. [Gothenburg Botanical Garden, SE, (USA: New Mexico, Bernalillo Co, 3200 m), 2010].
519. *Mitella caulescens* Nutt. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanic Garden, Vacratot, HU, 2003].
520. *Mitella diphylla* L. *[National Botanic Garden of Belgium, Meise, BE, 2003].
521. *Saxifraga australis* Moric. [The Alpine Botanical Garden “Viotte”, Trento, IT, 2005].
522. *Saxifraga camposii* Boiss. et Reuter* [The Alpine Botanical Garden “Rezia”, Bormio, IT, 2004].
523. *Saxifraga federici-augusti* Biasol. ssp. *grisebachii* * (Degen et Dörfl.) D. A. Webb [The Botanic Garden of the Georg-August-University, Goettingen, DE, 2007].
524. *Saxifraga hostii* Tausch* [University of Oxford Botanic Garden and Harcourt Arboretum, UK, 2004].
525. *Saxifraga paniculata* Mill. [Botanical Garden of the University of Zurich, CH, (Switzerland, Alt St. Johann SG, Churfirsten, 1620 m), 2010].
526. *Saxifraga pedemontana* All. [The Alpine Botanical Garden “Rezia”, Bormio, IT, 2005].
527. *Saxifraga repanda* Willd. ex Sternb. [Experimental Station of Field Floriculture, LT, 2005].
528. *Saxifraga rosacea* Moench [Botanical Garden University of Oslo, NO, 2003].
529. *Saxifraga rotundifolia* L. ssp. *rotundifolia* [The Botanical Garden at the Sorgenti del Cavuto, Aniversa degli Abruzzi, IT, 2004].
530. *Saxifraga trifurcata* Schrad. [Salaspils National Botanical Garden, LV, 2002].
531. *Tellima grandiflora* (Pursh) Douglas ex Lindl. ‘Rubra’* [The Botanical Garden of the University of Latvia, Riga, LV, 2001].
532. *Tiarella polyphylla* D. Don* [Botanic Garden of the Philipp University of Marburg, DE, 2003].
533. *Tolmiea menziesii* (Pursh) Torr. et A. Gray [Botanical Garden of Martin Luther University of Halle-Wittenberg, DE, 2006].

SCROPHULARIACEAE Juss.

534. *Chelone glabra* L. [The Montreal Botanical Garden, CA, 2010].
535. *Digitalis ciliata* Trautv.* [RHS Garten Wisley, UK, 2009].
536. *Digitalis ferruginea* L.* [Ghent University Botanic Garden, BE, 2002].
537. *Digitalis ferruginea* L. ssp. *schischkinii* (K. V. Ivanova) K. Werner [Batanical Garden, Faculty of Science, Masaryk University, Brno, CZ, 2006].
538. *Digitalis grandiflora* Mill. [Botanic Garden of University of Konstanz, DE, 2005].
539. *Digitalis parviflora* Jacq. [The Botanical Garden Bielefeld, DE, 2010].
540. *Penstemon alpinus* Torr. ‘Praire Snow’. [Botanic Garden of the Comenius University, Bratislava, SK, 2005].
541. *Penstemon barrettae* A. Gray* [Utrecht University Botanic Garden, NL, (United States, Washington, Klickitat County, Columbia River Gorge. Alt.: 213 m), 2011].
542. *Penstemon caespitosus* A. Gray [Kovacs Pal Rock Garden, Dorog, HU, 2008].
543. *Penstemon cardinalis* Wooton et Standl. [Botanical Garden University of Oslo, NO, 2010].
544. *Penstemon cardwellii* Howell* [Botanical Garden University of Oslo, NO, 2003].
545. *Penstemon confertus* Douglas [Botanical Garden of the University of Tartu, EE, 2004].
546. *Penstemon davidsonii* Greene [The Botanical Garden of Bonn University, DE, 2005].
547. *Penstemon humilis* Nutt.* [Institute of Ecology and Botany Hungarian Academy of Sciences Botanic Garden, Vacratot, HU, 2003].
548. *Penstemon labrosus* (A. Gray) Hook. f. [The Botanical Garden of Wroclaw University, PL, 2011].
549. *Penstemon nanus* D. D. Keck [Botanical Garden of the University of Tartu, EE, 2010].
550. *Penstemon peckii* Pennell [Botanical Garden Teplice, CZ, 2009].
551. *Penstemon procerus* Dougl. ex Graham [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2003].
552. *Penstemon procerus* var. *tolmiei* (Hook.) Cronq. [Akureyri Botanical Garden, IS, 2007].
553. *Penstemon serrulatus* J. E. Smith [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2003].
554. *Penstemon strictiformis* Rydb.* [Utrecht University Botanic Garden, NL, (USA, Colorado Alt.3110), 2011].
555. *Penstemon virgatus* A. Gray [Botanical Garden Bourguignons Fenay, FRA, 2012].
556. *Veronica fruticulosa* L. [The Botanical Garden of Krefeld, DE, 2009].
557. *Veronica gentianoides* Vahl [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2002].
558. *Veronica gentianoides* ‘Latifolia’ [Botanical Garden University of Pécs, HU, 2009].
559. *Veronica porphyriana* Pavl.* [The South-Siberian Botanical Garden, Barnaul, RU, 2009].
560. *Veronica urticifolia* Jacq.* [Traupio Botanical Garden, LT, 2007].
561. *Penstemon clutei* A. Nelson [G. Pociūlienė. Private collection, Pakalniškiai, Radviliškis district, LT, 2011].
562. *Penstemon strictus* Benth. [Botanic Garden of the Philipp University of Marburg, DE, 2012].
563. *Veronica allionii* Vill. [University of Alberta Devonian Botanic Garden, CA, 2004].

SOLANACEAE Juss.

- 564. *Hyoscyamus niger* L.* [The Greifswald Botanic Garden and Arboretum, DE, 2013].
- 565. *Nicandra physaloides* (L.) Gaertn. [Botanic Garden and Botanical Museum Berlin-Dahlem, DE, 2009].
- 566. *Nicotiana mutabilis* Stehmann & Semir [Botanic Garden of Johannes Gutenberg University Mainz, DE, 2014].
- 567. *Nicotiana suaveolens* Lehm. [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2014].

VERBENACEAE J. St.-Hill.

- 568. *Verbena officinalis* L.* [The Botanical Garden of Krefeld, DE, 2005].

LILIOPSIDA Batsch

ALLIACEAE J. Agardh

- 569. *Allium altaicum* Pall. [The South-Siberian Botanical Garden, Barnaul, RU, 2009].
- 570. *Allium christophii* Trautv.* [Botanic Garden and Botanical Museum Berlin-Dahlem, DE, 2006].
- 571. *Allium flavum* L. [The Alpine Botanical Garden "Rezia", Bormio, IT, 2005].
- 572. *Allium victorialis* L. [Botanic Garden and Botanical Museum Berlin-Dahlem, DE, 2006].
- 573. *Allium pskemense* B. Fedtsch. [Gothenburg Botanical Garden, SE, (Uzbekistan: Ugam Mtn. Range, Urungachsay, 2555-2800 m), 2007].
- 574. *Allium sarawschanicum* Regel. [Salašpils Nacional Botanical Garden, LV, 2007].
- 575. *Allium stipitatum* Regel. [A. Markevičius. Private collection, Neveronys, Kaunas district, LT, 2011].

ASPHODELACEAE Juss.

- 576. *Anthericum ramosum* L. [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
- 577. *Asphodeline brevicaulis* (Bertol.) Baker.* [Botanical Garden of Leipzig University, DE, 2006].
- 578. *Asphodeline lutea* (L.) Rchb. [Botanical Garden of the Christian Albrechts University of Kiel, DE, 2002].
- 579. *Asphodeline taurica* (Pall.) Kunth* [Botanical Garden of Julius Maximilian University of Würzburg, DE, 2002].
- 580. *Asphodelus ramosus* L. (Walters et al., 2001) [(*Asphodelus cerasiferus* J. Gay.), Botanic Garden of Nantes, FR, 2007].
- 581. *Eremurus altaicus* (Pall.) Stev. [Institute of Ecology and Botany Hungarian Academy of Sciences Botanic Garden, Vacratot, HU, 2003].
- 582. *Eremurus himalaicus* Bak.* [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2003].
- 583. *Eremurus spectabilis* Bieb.* [Botanical Garden of the Azerbaijan Academy of Sciences, AZ, 2006].
- 584. *Eremurus stenophyllus* (Boiss. et Buhse) Baker* [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2005].
- 585. *Paradisea liliastrum* (L.) Bertol. [Botanical Garden of the University of Tartu, EE, 2003].
- 586. *Paradisea lusitanica* (Cout.) Samp. [RHS Garden Wisley, UK, 2006].

CANNACEAE Juss.

- 587. *Canna indica* L. [Hortus Botanicus Lovaniensis, BE, 2009].

COLCHICACEAE DC.

- 588. *Colchicum autumnale* L. [Traupio Botanical Garden, LT, 2000].

CONVALLARIACEAE Horan.

- 589. *Smilacina racemosa* (L.) Desf.* [Botanical Garden of the University of Tartu, EE, 2003].
- 590. *Tricyrtis latifolia* Maxim.* [Nancy Botanical Garden, FR, 2002].

CYPERACEAE Juss.

- 591. *Carex bohemica* Schreb. [Geneva City Conservatory and Botanical Gardens, CH, 2012].
- 592. *Carex buchananii* Berggr. [Botanical Garden of Technical University Braunschweig, DE, 2011].
- 593. *Carex davalliana* Sm.* [University of Salzburg Department of Organismic Biology Study Group Botanical garden, AT, 2006].
- 594. *Carex distans* L. [University of Salzburg Department of Organismic Biology Study Group Botanical Garden, AT, 2006].
- 595. *Carex divulsa* Stokes [The Botanical Garden of the University of Regensburg, DE, 2011].
- 596. *Carex grayii* Carey [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
- 597. *Carex morrowii* Boott* [Botanical Garden of the Technical University Braunschweig, DE, 2011].

598. *Carex muricata* L. [Botanical Garden University of Oslo, NO, 2009].
 599. *Carex otrubae* Podp. [Institute of Botany Academy of Sciences of The Czech Republik Pruhonice, CZ, 2005].
 600. *Carex ovalis* Willd. ex Kunth [Botanic Garden of Nantes, FR, 2013].
 601. *Carex pseudocyperus* L. [Botanical garden of Ernst-Moritz-Arndt University Greifswald, DE, 2006].
 602. *Cyperus esculentus* L.* [The Botanical Garden of the Heinrich-Heine University, Dusseldorf, DE, 2013].

DIOSCOREACEAE R. Br.

603. *Dioscorea balcanica* Kosanin* [Botanical Garden of Amsterdam University, NL, 2004].
 604. *Dioscorea polystachya* Turcz.* [Botanical Garden of Klaipėda University, LT, 2004].

HEMEROCALLIDACEAE R. Br.

605. *Hemerocallis dumortieri* Morren [Vilnius University Botanical Garden, LT, 2011].

HYACINTHACEAE Batsch ex Borkh.

606. *Bellevalia forniculata* (Fomin) Deloney* [Tallinn Botanic Garden, EE, 2006].
 607. *Bellevalia romana* (L.) Rchb. * [Botanic Garden of the University of Stuttgart-Hohenheim, Stuttgart, DE, 2006].
 608. *Camasia leichtlinii* (Baker) S. Wats. var. *alba* hort.* [Botanical Garden of the Voroneszh State University B. M. Kozo - Poljanskii, RU, 2008].
 609. *Dipcadi serotinum* (L.) Medicus* [The Botanical Garden “La Jaÿsinia”, Samoëns, FR, 2006].
 610. *Galtonia princeps* (Baker) Decne.* [Botanical Garden of Maria Curie-Skłodowska University, Lublin, PL, 2003].
 611. *Galtonia viridiflora* I. Verd.* [Botanical Garden of the University of Tartu, EE, 2004].
 612. *Hyacinthoides hispanica* (Mill.) Rothm.* [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2005].
 613. *Muscari coeleste* Fomin* [Salaspils National Botanical Garden, LV, 2005].
 614. *Scilla litardierei* Breistr. [The Munich Botanical Garden, Nymphenburg, DE, 2006].

IRIDACEAE Juss.

615. *Belamcanda chinensis* (L.) DC. [Botanical Garden Wageningen University, NL, 2004].
 616. *Gladiolus caucasicus* Herb. [Botanical Garden of the University of Potsdam, DE, 2010].
 617. *Gladiolus illyricus* W. Koch [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2010].
 618. *Iris brandzae* Prodan* [The Ecological - Botanical Garden of the University of Bayreuth, DE, 2009].
 619. *Iris chamaeiris* Bertol.* [Kovacs Pal Rock Garden, Dorog, HU, 2008].
 620. *Iris chrysographes* Dykes* [The Alpine Botanical Garden “Viotte”, Trento, IT, 2003].
 621. *Iris forrestii* Dykes* [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2005].
 622. *Iris graminea* L.* [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
 623. *Iris spuria* L. [Botanic Garden and Arboretum Mendel University of Agriculture and forestry Brno, CZ, Slovakia: Kamenin, 2005].
 624. *Iris spuria* ssp. *halophila** (Pall.) Mathew et Wendelbo (S. M. Walters et al., 2002), [(*Iris halophila* Pall.), Botanical Garden of the Ruhr University Bochum, DE, 2005].
 625. *Iris spuria* ssp. *musulmanica* (Fomin.) Takht. [The Botanical Garden University of Oslas, NO, 2005].
 626. *Iris hexagona* Walter* [Reykjavik Botanical Garden, IS, 2005].
 627. *Iris marsica* I. Ricci et Colas* [The Botanic Garden of the Georg-August-University, Goettingen, DE, 2005].
 628. *Iris missouriensis* Nutt. [The Alpine Botanical Garden “Viotte”, Trento, IT, 2005].
 629. *Iris prismatica* Pursh [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2004].
 630. *Iris reichenbachii* Heuff.* [Botanical Garden of Friedrich Schiller University of Jena, DE, 2010].
 631. *Iris sintenisii* Janka* [The Trieste Municipal Botanic Garden, IT, 2009].
 632. *Iris spuria* L. [Botanic Garden and Arboretum Mendel University of Agriculture and Forestry Brno, CZ, 2005].
 633. *Iris spuria* ssp. *carthalinae* (Fomin) B. Mathew* (<http://www.theplantlist.org>), [(*Iris carthalinae* Fomin), Tbilisi Botanical Garden of Georgian Academy of Sciences, GE, 2005].
 634. *Iris tenax* Douglas ex Lindl. [The Botanical Garden of the University of Regensburg, DE, 2004].
 635. *Iris versicolor* L.* [Botanical Garden-Institute Vladivostok, RU, 2004].
 636. *Sisyrinchium bellum* S. Watson ‘Album’ [Tallinn Botanic Garden, EE, 2011].
 637. *Sisyrinchium bermudiana* L. [University of Bristol Botanic Garden, UK, 2004].
 638. *Sisyrinchium septentrionale* Bicknell [Botanical Garden-Institute Vladivostok, RU, 2005].

IXIOLIRIACEAE (Pax) Nakai

639. *Ixiolirion tataricum* (Pall.) Herb. [Salaspils National Botanical Garden, LV, 2004].

JUNCACEAE Juss.

640. *Juncus effusus* L.* [Botanic Garden and Botanical Museum Berlin-Dahlem, DE, 2008].

641. *Luzula luzuloides* (Lam.) Dandy et Willmott* [Kaunas Botanic Garden of Vytautas Magnus University, LT, 2000].
 642. *Luzula nivea* (Nathh.) DC.* [Humboldt University of Berlin, Institute of Biology, Arboretum, DE, 2009].

LILIACEAE Juss.

643. *Fritillaria aurea* Schott* [Salaspils National Botanical Garden, LV, 2004].
 644. *Fritillaria bucharica* Regel* [Salaspils National Botanical Garden, LV, 2004].
 645. *Fritillaria caucasica* Adams [Salaspils National Botanical Garden, LV, 2004].
 646. *Fritillaria involucrata* All. [Austrian Horticultural Society, Graz, AT, 2009].
 647. *Fritillaria michailovskyi* Fomin [Salaspils National Botanical Garden, LV, 2004].
 648. *Fritillaria pallidiflora* Schrenk [Salaspils National Botanical Garden, LV, 2003].
 649. *Fritillaria raddeana* Regel* [Private collection, LT, 2012].
 650. *Fritillaria roylei* J. D. Hook. [Botanical Garden University of Oslo, NO, 2003].
 651. *Fritillaria sewerzowii* Regel [Salaspils National Botanical Garden, LV, 2003].
 652. *Lilium formosanum* var. *princei* Stoker* [St Andrews Botanic Garden, the Canongate, UK, 2011].

MELANTHIACEAE Batsch

653. *Veratrum formosanum* O. Loes.* [Botanic Garden of Šiauliai University, LT. No data available of their origin].
 654. *Zigadenus venenosus* Watson* [G. Pociūlienė. Private collection, Pakalniškiai, Radviliškis district, LT, 2011].

POACEAE (R. Br.) Bernhart

655. *Deschampsia tzelevii* Prob.* [Botanical Garden-Institute Vladivostok, RU, 2004].
 656. *Echinochloa frumentacea* Link* [Botanical Garden Tabor, CZ, 2013].
 657. *Festuca gigantea* (L.) Vill. [The Botanical Garden of Graz, Institute for Plant Science, Karl-Franzens-University Graz, AT, 2013].
 658. *Hierochloe odorata* (L.) P. Beauv. [Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Babtai, Kaunas district, LT, 2001].
 659. *Melica ciliata* L. [The local area Anykščiai district, LT, 2001].
 660. *Setaria italica* (L.) P. Beauv. 'Maxima' [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2012].
 661. *Setaria italica* var. *brevisetata* (Doell.) Hyl. 'Coccinea' [The Ecological-Botanical Garden of the University of Bayreuth, DE, 2012].
 662. *Setaria macrostachya* Kunth [The South-Siberian Botanical Garden, Barnaul, RU, 2009].
 663. *Sporobolus heterolepis* (Gray) A. Gray [Botanic Garden of Johannes Gutenberg University Mainz, DE, 2012].
 664. *Stipa dasyphylla* (Lindem.) Trautv. [Botanical Garden, AV Fomina Kyiv National Taras Shevchenko University, UA, 2004].
 665. *Stipa kirghisorum* P. A. Smirn.* [Botanical Garden of the Technical University Braunschweig, DE, 2011].
 666. *Stipa pennata* L. [Vilnius University Botanical Garden, LT, 2002].
 667. *Stipa zalesskii* Wilensky [Botanical Garden of the Ukrainian Academy of Science, Kiev, UA, 2004].
 668. *Zea mays* L.* [The Botanischer Garten Krefeld, DE, 2013].

SEED FROM LITHUANIAN PLANTS CULTIVATED IN THE GARDEN

APIACEAE Lindl.

- 669. *Angelica archangelica* L. [The local area Joniškis district, LT, 2012].
- 670. *Astrantia major* L. [The local area Žagarė, Joniškis district, LT, 2000].
- 671. *Laserpitium latifolium* L. [The local area Mažeikiai district, LT, 2007].

ASTERACEAE Dumort.

- 672. *Gnaphalium luteoalbum* L. [The local area Merkinė, Varėna district, LT, 2008].
- 673. *Inula salicina* L.* [The local area Joniškis district, LT, 2013].

BORAGINACEAE Juss.

- 674. *Lithospermum officinale* L. [Traupis botanical garden, LT, 1999].

BRASSICACEAE Burnett

- 675. *Lunaria rediviva* L. [The local area Varėna district, LT, 2000].
- 676. *Cardamine dentata* Schult.* [The local area Ukmergės district, LT, 2002].

CAMPANULACEAE Juss.

- 677. *Campanula bononiensis* L. [The local area Kėdainiai district, LT, 2007].
- 678. *Campanula cervicaria* L. [The local area Paryžė, Kupiškis district, LT, 2007].

CARYOPHYLLACEAE Juss.

- 679. *Dianthus arenarius* L. [The local area Marcinkonys, Varėna district, LT, 2008].
- 680. *Dianthus arenarius* ssp. *arenarius* [The local area Perloja, Varėna district, LT, 2007].
- 681. *Dianthus borbasii* Vandas [The local area Dzūkija National Park, Varėna district, LT, 2003].
- 682. *Silene lithuanica* Zapal. [The local area Marcinkonys, Varėna district, LT, 2008].
- 683. *Silene tatarica* (L.) Pers. [The local area Liškiava, Varėna district, LT, 2008].

DIPSACACEAE Juss.

- 684. *Scabiosa columbaria* L. [The local area Vilnius district, LT, 2007].
- 685. *Succisella inflexa* Kluk [The local area Kupiškis district, LT, 2010].

ERICACEAE Juss.

- 686. *Ledum palustre* L. [A. Malciūtė. Vainagiai hillfort, Kurtuvėnai Regional Park, LT, 2005].
- 687. *Pyrola rotundifolia* L. [Collector K. K. Vilkonis. Mūša tyrelis telmological reserves, Žagarė, Joniškis district, LT, 2005].

FABACEAE Lindl.

- 688. *Astragalus glycyphyllos* L.* [The local area Šiauliai, Aleksandrija district, LT, 2012].
- 689. *Lathyrus sylvestris* L. [The local area Radviliškis district, LT, 2000].
- 690. *Trifolium rubens* L.* [The local area Antaviliai, Utena district, LT, 2007].
- 691. *Vicia lathyroides* L. [The local area Nemirseta, Klaipėda district, LT, 2007].

GENTIANACEAE Juss.

- 692. *Gentiana cruciata* L. [The local area Lazdijai district, LT, 2005].

HYPERICACEAE Juss.

- 693. *Hypericum hirsutum* L. [The local area Satkūnai, Joniškis district, LT, 2007].

LAMIACEAE Lindl.

- 694. *Dracocephalum ruyschiana* L. [The local area Anykščiai district, LT, 2008].
- 695. *Mentha longifolia* (L.) Huds. [The local area Pupiniai, Kupiškis district, LT, 2007].
- 696. *Prunella grandiflora* (L.) Scholler* [The local area Varėna district, LT, 2008].
- 697. *Salvia pratensis* L.* [The local area Smalininkai, Jurbarkas district, LT, 2007].
- 698. *Salvia pratensis* L. [The local area Merkinė, Lazdijai district, LT, 1999].
- 699. *Salvia pratensis* L. f. *rubicunda* (Wenderoth.) Voss. Vilm.* [The local area Kaunas district, LT, 2000].
- 700. *Salvia x sylvestris* L. [The local area Vizgūnai, Kupiškis district, LT, 2009].
- 701. *Scutellaria hastifolia* L.* [The local area Gazdonai, Šilutės district, LT, 1998].

702. *Stachys recta* L. [The local area Kaišiadorys district, LT, 2002].

MELANTHIACEAE Batsch.

703. *Tofieldia calyculata* (L.) Wahlenb. [The local area Lazdijai district, LT, 2001].

POLYGONACEAE Juss.

704. *Fagopyrum tataricum* (L.) Gaertn. [The local area Šalčininkai district, LT, 2007].

PRIMULACEAE Vent.

705. *Androsace septentrionalis* Retz. [The local area Šiauliai district, LT, 2005].

RANUNCULACEAE Juss.

706. *Pulsatilla patens* (L.) Mill. [The local area Varėna district, LT, 2008].

707. *Pulsatilla pratensis* (L.) Mill. [The local area Prienai district, LT, 2000].

708. *Trollius europaeus* L. [The local area Kurtuvėnai, Šiauliai district, LT, 2004].

ROSACEAE Juss.

709. *Aphanes arvensis* L. [The local area Raguva, Panevėžys district, LT, 2002].

RUBIACEAE Juss.

710. *Sherardia arvensis* L. [The local area Prienai district, LT, 2001].

VIOLACEAE Batsch

711. *Viola elatior* Fr. [The local area Vilnius district, LT, 2007].

712. *Viola persicifolia* Schreb.* [The local area Panevėžys district, LT, 2007].

LILIOPSIDA Batsch

ALLIACEAE J. Agardh

713. *Allium angulosum* L. [The local area Tauragė district, LT, 2007].

714. *Allium scorodoprasum* L.* [The local area Priekulė, Klaipėda district, LT, 2007].

ASPHODELACEAE Juss.

715. *Anthericum ramosum* L. [Kurtuvėnai Regional Park, Šiauliai district, LT, 2000].

CYPERACEAE Juss.

716. *Carex buxbaumii* Wahlenb.* [The local area Kėdainiai district, LT, 2008].

IRIDACEAE Juss.

717. *Gladiolus imbricatus* L. [The local area Širvintai district, LT, 2007].

718. *Iris sibirica* L. [The local area Truskava, Kėdainiai district, LT, 2008].

LILIACEAE Juss.

719. *Lilium martagon* L.* [The local area Varėna district., LT, 2013].

ORCHIDACEAE Juss.

720. *Dactylorhiza fuchsii* (Druce) Soo' [The local area Kupiškis district, LT, 2008].

721. *Dactylorhiza longifolia* (Neum) Aver* [The local area Švendrės forest, Šiauliai district, LT, 2007].

POACEAE (R. Br.) Bernhart

722. *Alopecurus arundinaceus* Poir* [The local area Pakruojis district, LT, 2008].

723. *Festuca psammophila* (Hack. ex Celak.) Fritch. [The local area Varėna district, LT, 2008].

724. *Poa remota* Forselles* [The local area Žemaitėliai, Anykščiai district, LT, 2005].

725. *Sesleria caerulea* (L.) Ard. [The local area Gudmoniškė, Kelmė district, LT, 2005].

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19. <http://www.pfaf.org/user/default.aspx>
20. <http://www.theplantlist.org>
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