

LATVIJAS REPUBLIKAS VIDES AIZSARDZĪBAS UN REĢIONĀLĀS ATTĪSTĪBAS MINISTRIJA

**NACIONĀLAIS BOTĀNISKAIS DĀRZS**

MINISTRY OF THE ENVIRONMENTAL PROTECTION AND REGIONAL DEVELOPMENT OF THE  
REPUBLIC OF LATVIA  
NATIONAL BOTANIC GARDEN



**INDEX SEMINUM**  
anno 2017 collectorum

**2017. GADĀ APMAIŅAI IEVĀKTO  
SĒKLU SARAKSTS**

**LXII (62)**

**SALASPILS, 2018**



**INDEX SEMINUM**  
anno 2017 collectorum,  
quae

**HORTUS BOTANICUS NATIONALIS**  
SALASPILS, LATVIA

pro mutua  
commutatione offert

**LXII**

Elaboraverunt / Sastādītāji  
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**SEMINA PLANTARUM IN HORTO  
BOTANICO CULTARUM**

**I**

**SEMINA ARBORUM, FRUTICUM  
ET SUFFRUTICUM**

Legunt: Inese Graudiņa, Dzintra Knape, Linda Strode, Anita Roze,  
Daina Roze, Romans Strelčuns, Dagnija Šmite

**PINOPHYTA**

**GNETOPSIDA**

*EPHEDRACEAE*

1. *Ephedra distachya* L. (DE, Düsseldorf, HBU, 1997)

**PINOPSISIDA**

*PINACEAE*

2. *Abies arizonica* Merriam (LV, distr. Dobeles, Ķeņele, 1973)
3. *Abies balsamea* (L.) Mill. (LV, Salaspils, HB Nat, 1977)
4. *Abies balsamea* (L.) Mill. (US, South Hadley, HB College, 1995: Mt. Moosilauke, New Hampshire\*)
5. *Abies cephalonica* Loudon (PL, Gołuchów, Arb, 1961)
6. *Abies cephalonica* Loudon (CZ, Slepčany, Arb Mlyňany, 1962)
7. *Abies cilicica* (Antoine & Kotschy) Carrière (PL, Gołuchów, Arb, 1961)
8. *Abies concolor* (Gordon & Glend.) Lindl. ex Hildebr. (LV, distr. Cēsis, Vaive, Arb Jurģukalns, 1984)
9. *Abies fraseri* (Pursh) Poir. (US, Washington, Nat Arb North, 1983: Carolina\*)
10. *Abies grandis* (Douglas ex D. Don) Lindl. (CA, Vancouver, HBU, 1962: B.C., Southern Interior\*)
11. *Abies grandis* (Douglas ex D. Don) Lindl. (US, Washington, Nat Arb, 1983: Washington\*)
12. *Abies holophylla* Maxim. (HU, Sopron, HBU Silv, 1962)
13. *Abies holophylla* Maxim. (RU, Oriens Extremus, prov. Primorskij, Glubokoje\*, 1983)
14. *Abies holophylla* Maxim. (RU, Ussurijsk, St Mont Taig, 1980)
15. *Abies holophylla* Maxim. (RU, Vladivostock, HBA, 1982: pars. Reserv.\*)
16. *Abies homolepis* Siebold & Zucc. (DE, Chemnitz, HB, 1980)

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*Parentesibus loca et annua introductionis plantarum notata sunt*

\* - *plantae spontaneae*

\*\* - *pars vivae*

17. *Abies koreana* E.H.Wilson (BE, Liège, HBU, 1988)
18. *Abies koreana* E.H.Wilson (PL, Kórnik, Arb, 1959)
19. *Abies koreana* E.H.Wilson (LV, Salaspils, HB Nat, 1977: Kórnik, Arb, 1959)
20. *Abies lasiocarpa* (Hook.) Nutt. var. *lasiocarpa* (Fl, Maisala, I Explor Silv, 1986: US, Or. Waseo Co\*, s.m. 1525-1650m)
21. *Abies lasiocarpa* (Hook.) Nutt. var. *lasiocarpa* (US, Washington, Nat Arb, 1978: Union Co, Oregon\*)
22. *Abies lasiocarpa* (Hook.) Nutt. var. *arizonica* (Merriam) Lemmon (LV, distr.Talsi, Stende, MIM,1984)
23. *Abies nephrolepis* (Trautv.) Maxim. (RU, Oriens Extremus, prov. Primorskij, Hualaza ad riv. Smoljannyj\*, 1982)
24. *Abies* × *phanerolepis* Fernald (LV, distr. Liepāja, Kazdanga, 1959)
25. *Abies sachalinensis* (F.Schmidt) Mast. (LV, Salaspils, HB Nat: C.W.Schoch, 1868)
26. *Abies sachalinensis* (F.Schmidt) Mast. (RU, Oriens Extremus, ins. Sachalin, Ohotskoje\*, 1980)
27. *Abies sachalinensis* (F.Schmidt) Mast. (RU, Oriens Extremus, ins. Sachalin\*, 1961)
28. *Abies semenovii* B. Fedtsch. (LT, Vaišvydava, Arb Dubrava, 1985)
29. *Abies sibirica* Ledeb. (RU, Barnaul, I Invest Horticult Sib, 1976)
30. *Abies sibirica* Ledeb. (RU, Barnaul, HBU Altaiensis, 1988: prov. Altaj, Bijsk\*, praedium silvaticum industriale)
31. *Abies veitchii* Lindl. (JP, Koshigaya, Arb Aritaki, 1975)
32. *Abies veitchii* Lindl. (LV, distr. Dobeles, Tērvete, Arb Sprīdīši, 1959)
33. *Abies veitchii* Lindl. f. *olivacea* (Shiras.) Kusaka (LV, distr. Madona, Jaunkalsnava, Arb Kalsnava, 1988: Arb Jurģukalns, 1981)
34. *Picea abies* 'Viminalis' (LV, distr. Auce, Krūškalne, 1979)
35. *Picea brachytyla* (Franch.) Pritz. var. *complanata* (Mast.) W.C.Cheng. (SK, Bratislava, HBU, 1991)
36. *Picea gemmata* Rehder & E.H.Wilson (RU, St-Peterburg, HBIB, 1991)
37. *Picea glauca* (Moench) Voss var. *glauca* (CA, Montréal, HB, 1982)
38. *Picea glauca* (Moench) Voss var. *albertiana* (S.Brown) Sarg. (GB, Surrey, Helman von Hahn, 1993)
39. *Picea jezoensis* (Siebold & Zucc.) Carrière var. *jezoensis* (CZ, Slepčany, Arb Mlyňany, 1959)
40. *Picea jezoensis* (Siebold & Zucc.) Carrière var. *hondoensis* (Mayr) Rehder (JP, Matsuyama, Ehime U, 1987: Mt. Fuji, Fujiyoshida, Yamanashi Pref. general collection\*, s.m. 2200m)
41. *Picea koraiensis* Nakai (RU, Oriens Extremus, prov. Primorskij, in vicinis Okeanskaja\*, 1961)
42. *Picea koraiensis* Nakai (RU, Svobodnij, St Expl Silv Amurensis, 1960)
43. *Picea koraiensis* Nakai var. *intercedens* Y.L.Chou (KP, Pyongyang, HB, 1986)
44. *Picea likiangensis* (Franch.) E.Pritz var. *balfouriana* (Rehder & E.H.Wilson) Hillier ex Slavin (CN, Beijing, HBA, 1958)
45. *Picea maximoviczii* Regel ex Mast. (CZ, Průhonice, I Horticult Orn, 1989)
46. *Picea rubens* Sarg. (CA, Montréal, HB, 1983: Canada Orientalis\*)
47. *Picea sitchensis* (Bong.) Carrière (LV, distr. Madona, Jaunkalsnava, Arb Kalsnava: Arb Jurģukalns, 1980)

48. *Pinus armandii* Franch. (CZ, Slepčany, Arb Mlyňany, 2000)
49. *Pinus koraiensis* Siebold & Zucc. (RU, Oriens Extremus, prov. Primorskij, distr. Hassanensis, Reserv. Kedrovaja Padj\*, 1983)
50. *Pinus nigra* Arnold (BA, Sarajevo, HB, 1986: Čvrsnica\*, s.m. 1200m)
51. *Pinus parviflora* 'Glaucua' (CZ, Průhonice, I Horticult Orn, 1988)
52. *Pinus peuce* Griseb. (LV, distr. Cēsis, Vaive, Arb Jurģukalns, 1966)
53. *Pinus ponderosa* Douglas ex P.C.Lawson (FI, Maisala, I Explor Silv, 1987: US, Oregon, Deshutes Co., Deshutes Nat. Forest, Pringle Falls, s.m. 1370m)
54. *Pinus rigida* Mill. (CA, Montréal, HB, 1991: Canada Orientalis\*)
55. *Pinus sibirica* Du Tour. (KZ, Leninogorsk (Rider), St Expl Silv Altaiensis, 1986: Altaj Australis, in loco Fagih, Katon-Karagaijskij Ieshoz\*, s.m. 1900m)
56. *Pinus sibirica* Du Tour (RU, reg. Krasnojarsk, praedium saltuarium Kazaczinskij\*, A.V.Hodenkov, 1989)
57. *Pinus strobus* L. (LV, distr. Preiļi, Gelenova, 1983)
58. *Pinus wallichiana* A.B.Jacks. (HR, Zagreb, HBU, 1962)
59. *Pseudotsuga menziesii* (Mirb.) Franco var. *menziesii* (LV, Salaspils, HB Nat.)
60. *Tsuga caroliniana* Engelm. (PL, Rogów, Arb, 1991)
61. *Tsuga canadensis* (L.) Carrière (LV, distr. Bauska, Stelpe, "Timuki", 1955)
62. *Tsuga heterophylla* (Raf.) Sarg. (CA, Vancouver, HBU, 1979)

#### TAXACEAE

63. *Taxus caespitosa* Nakai (KP, Pyongyang, HB, 1978)
64. *Taxus canadensis* Marshall (RU, St-Peterburg, HBIB, 1990)
65. *Taxus cuspidata* Siebold & Zucc. (KP, Pyongyang, HB, 1977)

### MAGNOLIOPHYTA

#### ACTINIDIACEAE

66. *Actinidia kolomikta* (Maxim. & Rupr.) Maxim. (RU, Oriens Extremus, prov. Primorskij, Kamenushka, in ripa fl. Suputinka\*, 1960)

#### AQUIFOLIACEAE

67. *Ilex verticillata* (L.) A.Gray (US, Northampton, HB Smith College, 1964)
68. *Nemopanthus mucronatus* (L.) Trel. (CA, Guelph, Arb U, 1979: Nova Scotia\*)

#### ARALIACEAE

69. *Eleutherococcus divaricatus* (Siebold & Zucc.) S.Y.Hu (PL, Kórnik, Arb, 1961)
70. *Eleutherococcus sessiliflorus* (Rupr. & Maxim.) S.Y.Hu (RU, Ussurijsk, St Mont Taig, 1961)

#### BERBERIDACEAE

71. *Berberis anhweiensis* Ahrendt (CN, Shanghai, HB, 1977: prov. Anhui, Mt. Huanshan\*)
72. *Berberis bretschneideri* Rehder (NL, Wageningen, HBU, 1965)

73. *Berberis dasystachya* Maxim. (RO, Cluj-Napoca, HBU Agr, 1971)
74. *Berberis diaphana* Maxim.
75. *Berberis faxoniana* C.K. Schneid. (CH, Chambésy / Genève, HB, 1956)
76. *Berberis heteropoda* Schrenk (PL, Warszawa, HBA, 1984)
77. *Berberis heteropoda* Schrenk (RU, Meszcerskoje, St Exper Select Silv-Stepp, 1998)
78. *Berberis johannis* Ahrendt (PL, Kórnik, Arb, 1978)
79. *Berberis poiretii* C.K.Schneid. (RU, Novosibirsk, HB Centr Sib, 1984)
80. *Berberis regeliana* Koehne ex C.K.Schneid. (NO, Store Milde, Arb, 1998)
81. *Berberis tischleri* C.K.Schneid. (SE, Göteborg, HB, 1985: Pakistan, Gilgit: near Rama, 5-6 km W of Astor\*)
82. *Mahonia repens* (Lindl.) G.Don × *Mahonia aquifolium* (Pursh) Nutt. (CZ, Průhonice, HBA, 1960)

#### BETULACEAE

83. *Betula apoiensis* Nakai (SE, Lund, HBU, 1992)
84. *Betula humilis* Schrank (LV, distr. Aizpute, Kazdanga, 1964)
85. *Betula papyrifera* Marshall (RU, St-Peterburg, HBA Silv-T, 1961)
86. *Betula raddeana* Trautv. (UA, Kyiv, HBA, 1957)
87. *Betula tatewakiana* M.Ohki & S.Watan. (JP, Sapporo, HBU, 1980)

#### CAPRIFOLIACEAE

88. *Abelia mosanensis* Chung ex Nakai (KP, Pyongyang, HB, 1973)
89. *Kolkwitzia amabilis* Graebn. (LV, Salaspils, HB Nat, 1989: PL, Gołuchów, Arb, 1961)
90. *Lonicera caucasica* Pall. (RU, Machaczka, HB Mont, 1999: semina in diversis reg. Daghestaniae lecta: reg. montane\*)
91. *Lonicera nigra* L. (SK, Transcolomnica\*, 2003)
92. *Lonicera vesicaria* Kom. (KP, Pyongyang, HB, 1977)
93. *Sambucus canadensis* L. (US, East Lansing, HBU Mich, 2012: Michigan, St Ingham Co\*, s.m. 268m)
94. *Sambucus nigra* L. (LV, distr. Talsi, Valdgale, 1985)

#### CELASTRACEAE

95. *Celastrus flagellaris* Rupr. (LV, Salaspils, HB Nat, 2005)
96. *Celastrus orbiculatus* Thunb. (LV, Salaspils, HB Nat)
97. *Euonymus alatus* (Thunb.) Siebold f. *striatus* (Thunb.) Makino (JP, Okamoto, Ofuna, HB\*, 2006)
98. *Euonymus sieboldianus* Blume (RU, Oriens Extremus, ins. Sachalin, mons Czechovii\*, 1981)

#### CORNACEAE

99. *Cornus amomum* (Mill.) Small subsp. *amomum* (US, East Lansing, HBU Mich, 2002: Michigan Ingham Co\*)
100. *Cornus amomum* Mill. subsp. *obliqua* (Raf.) J.S.Wilson (CA, Montréal, HB\*, 2006)
101. *Cornus drummondii* C.A.Mey. (US, Kirtland, Holden Arb, 1999: Ohio, Erie\*)
102. *Cornus stolonifera* Michx. (CA, Montréal, HB, 2010: Québec, lac Saint Forêt\*)

## ERICACEAE

103. *Bruckenthalia spiculifolia* (Salisb.) Rchb. (BG, Sophia, HBA, 1998: Mt. Vitosha\*)

## FABACEAE

104. *Amorpha fruticosa* L. (RU, Mosqua, HBP, 1957)  
105. *Colutea istria* Mill. (UA, Chernovtsy, HBU, 1982)  
106. *Colutea* × *media* Willd. (LT, Girionys, St Expl Silv Dubrava, 1971)  
107. *Genista tinctoria* L. (LV, Salaspils, HB Nat, 1973)  
108. *Lespedeza bicolor* Turcz. (LV, Salaspils, HB Nat, 2007: JP, Kyoto, Takeda, HB, 1964)  
109. *Petteria ramentacea* (Sieber) C.Presl (CH, Chàmbésy/Genève, HB, 1980)

## JUGLANDACEAE

110. *Carya cordiformis* (Wangenh.) K.Koch (LV, distr. Skrīveri, Arb Skrīveri, 1959)

## LAMIACEAE

111. *Hyssopus officinalis* L. (PL, Bydgoszcz, HB, 1973)  
112. *Lavandula angustifolia* Mill. (LV, Salaspils, HB Nat, 1973)

## MORACEAE

113. *Morus alba* L. (RU, Barnaul, I Invest Horticult Sib, 1958)

## OLEACEAE

114. *Chionanthus virginicus* L. (US, Northampton, HB Smith College, 1979)

## RHAMNACEAE

115. *Ceanothus americanus* L. (AT, Wien, HBU, 1999)  
116. *Frangula alnus* Mill. (RU, Novosibirsk, vicinis Academgorodka, vallis vere inundata Oba\*, 1991)  
117. *Rhamnus dahuricus* Pall. (CN, Shenyang, Arb, 2004)

## ROSACEAE

118. *Cerasus maximowiczii* (Rupr.) Kom. (RU, Oriens Extremus, ins. Kurilenses, Iturup, Kurilsk\*, 1977)  
119. *Crataegus atrofusca* Steven ex Fisch. & C.A.Mey. (UA, Jalta, HB Nikitensis, 1976)  
120. *Photinia villosa* (Thunb.) DC. (LV, distr. Engure, Arb Lāčupe, 2010)  
121. *Rhodotypos scandens* (Thunb.) Makino (US, New York, Bronx, HB, 1972)  
122. *Rosa blanda* Aiton (US, East Lansing, HBU Mich, 1968)  
123. *Rosa canina* L. (RU, St-Peterburg, HBIB: Caucasus ibericus, in viciniis oppidi Sukhumi\*, 1969)  
124. *Rosa fendleri* Crép. (SE, Uppsala, HBU, 1972)  
125. *Rosa glauca* Pourr.  
126. *Rosa helenae* Rehder & E.H.Wilson (DE, Berlin-Dahlem, HB, 1957)  
127. *Rosa oxyodon* Boiss. (UZ, Taschkent, HBA, 1969)

128. *Rosa palustris* Marshall (LV, distr. Rīga, Baldone, “Rozītes”, 1975)  
 129. *Rosa pisocarpa* A.Gray (SE, Uppsala, HBU, 1972)  
 130. *Rosa rubiginosa* L. (LV, distr. Dobeles, Zebreņe\*, 1984)  
 131. *Rosa sherardii* Davies (EE, distr. Võru, Rõuge\*, 1982)  
 132. *Sorbus aria* (L.) Crantz (AT, Salzburg, HBU, 1986: DE, Bayern, Bad Reichenhall, Hallthurn, Mottkopf\*, s.m. 1300m)  
 133. *Sorbus bristoliensis* Wilmott (GB, Liverpool, HB, 1986: Avon, Avon Gorge\*)  
 134. *Sorbus bristoliensis* Wilmott (HU, Vác-rátót, HBA, 1982)  
 135. *Sorbus chamaemespilus* (L.) Crantz var. *chamaemespilus* (AT, Salzburg, HBU, 1988: Salzburg, Strobl SW, Bleckwand SW\*, s.m. 1410m)  
 136. *Sorbus chamaemespilus* (L.) Crantz var. *sudetica* (Tausch) Wenz. (CH, Champex-Lac, H Alp, 1989)  
 137. *Sorbus commixta* Hedl. (NL, Wageningen, HBU, 1963)  
 138. *Sorbus danubialis* (Jáv.) Kárpáti (DE, Regensburg, HBU, 1983: Etterzhausen, 12 km NW Regensburg\*)  
 139. *Sorbus decora* (Sarg.) C.K.Schneid. (US, Lisle, Morton Arb, 1963)  
 140. *Sorbus devoniensis* E.F.Warb. (GB, Liverpool, HB, 1986)  
 141. *Sorbus frutescens* McAll.  
 142. *Sorbus hybrida* (L.) L. (NO, Oslo, HBU, 1990: Norway, Akershus, Baerum, Haseum\*)  
 143. *Sorbus koehneana* C.K.Schneid. (DK, Silkeborg, Arb Paludosum, 2004)  
 144. *Sorbus leptophylla* E.F.Warb. (GB, Liverpool, HBU, 1986: England, Montgomery\*)  
 145. *Sorbus minima* (Ley) Hedl. (NL, Wageningen, HBU Agr, 1965)  
 146. *Sorbus mougeotii* Soy.-Will. & Godr. (FR, Besançon, HBU, 1991: Mt. Chateleu (Doubs)\*, s.m. 1300m)  
 147. *Sorbus obtusifolia* (DC.) Hedl. (NO, Trondheim, Ringve HBU, 1982)  
 148. *Sorbus pohuashanensis* Hedl. (SE, Uppsala, HBU, 1978)  
 149. *Sorbus porrigentiformis* E.F.Warb. (GB, Liverpool, HBU, 1986: Wales, Gwynedd, above Menai Straits\*)  
 150. *Sorbus randaiensis* (Hayata) Koidz. (GB, Edinburgh, HBR, 1961)  
 151. *Sorbus redliana* Kárpáti (HU, Vác-rátót, HBA, 1982)  
 152. *Sorbus* × *splendida* Hedl. (PL, Kórnik, Arb, 1962)  
 153. *Sorbus torminalis* (L.) Crantz (RU, St-Peterburg, HBIB, 1984)  
 154. *Sorbus wilfordii* Sugim. (JP, Kyoto, St Exper Silv U, 1981)

#### RUTACEAE

155. *Phellodendron japonicum* Maxim. (NL, Wageningen, HBU, 1982)

#### SOLANACEAE

156. *Lycium barbarum* L. (KZ, Alma-Ata, HBA, 1974)

#### STAPHYLEACEAE

157. *Staphylea bumalda* DC. (SE, Göteborg, HB, 2003)  
 158. *Staphylea pinnata* L. (RU, Kaliningrad, HBU, 1964)

#### THYMELAEACEAE

159. *Dapne mezereum* L. (LV, Salaspils, HB Nat, 2013: Ķemeri, in silva\*)



## VACCINIACEAE

160. *Vaccinum myrtilloides* Michx. (CA, Montréal, HB, 1990: Québec, in locis sphagnosis\*)

## VIBURNACEAE

161. *Viburnum lantana* L. (LV, Salaspils, HB Nat)  
162. *Viburnum opulus* L. var. *americanum* Aiton (US, East Lansing, HBU Mich, 2009: Michigan, Ingham Co., Leggy Park\* s.m. 256m)  
163. *Viburnum wrightii* Miq. (LV, Salaspils, HB Nat, 1997: RU, Oriens Extremus, ins. Kurilenses, Kunashir\*, 1982)

## VITACEAE

164. *Ampelopsis brevipedunculata* (Maxim.) Trautv. (RO, Simeria, Arb, 1998)

## II

### SEMINA PLANTARUM HERBACEARUM

Legunt: Irēna Gūtmane, Alfreds Ripa,  
Arnis Seisums, Marija Semerova, Dagnija Šmite

## MAGNOLIOPHYTA

### ACANTHACEAE

165. *Acanthus hungaricus* Baen. (BK, Sarajevo, HB, 1983)

### ALLIACEAE

166. *Allium arceotrichon* Brullo, Pavone & Salmeri (GR, ins. Ikaria, inter Armenistis & Raches\*, 2008)  
167. *Allium baissunense* Lipsky (UZ, Pamir-Alai australibus, jugum Baissuntau prope pagum Pulhakim\*, 1998)  
168. *Allium bodeanum* Regel (IR, Tehran, NB Nat, 2011)  
169. *Allium circinatum* Sieber (GB, Kew, HB, 1995: GR, Creta, ab Akrotiri orientalibus\*)  
170. *Allium cristophii* Trautv. (LV, Rīga, HBU, 1985)  
171. *Allium cristophii* Trautv. (TM, Kopetdag, prope pagum Chuli\*, 1989)  
172. *Allium cupuliferum* Regel (UZ, ad trajectum Timurlan Gate\*, 1996)  
173. *Allium derderianum* Regel (IR, Elburs, inter Damgan et Semnan, prope pagum Fullad Mahalle\*, 2016)  
174. *Allium fistulosum* L. (LV, distr. Salaspils, Cekule, in horto, 2002)  
175. *Allium flavum* L. (CZ, Praha, E.Hanslik, 2000: e MK, Mt. Pilister\*)  
176. *Allium hollandicum* R.M.Fritsch 'Purple Sensation' (NL, De Ree, Holland, 2015)  
177. *Allium iliense* Regel subsp. *nuratense* Kamelin (UZ, montibus Nuratau\*, 1998)  
178. *Allium karataviense* Regel 'Ivory Queen' (NL, Florex, 2013)  
179. *Allium ledebourianum* Schult. & Schult. fil. (LV, Salaspils)  
180. *Allium loratum* Baker (PK, prope urbem Lorolei\*, 1980)  
181. *Allium moly* L. 'Jeannine'

182. *Allium nigrum* L. (GR, Creta, Lasithi\*, 2016)  
 183. *Allium nutans* L. (LV, Salaspils, 1973)  
 184. *Allium platycaule* S.Watson (SE, Göteborg, HB, 1994: US, Oregon\*)  
 185. *Allium sativum* L. (LV, distr. Salaspils, Cekule, in horto, 2001)  
 186. *Allium sibthorpiianum* Schult. & Schult. fil. (TR, Bursa, mons Uludag\*, 2200m, 2011)  
 187. *Allium tripedale* Trautv. (AM, mons Aragats, Kasag Rallei\*, 1988)  
 188. *Allium tschimganicum* B.Fedtsch. ex O.Fedtsch. (UZ, Tianshan Occidentalis, mons Tshimgan\*, 1996)  
 189. *Allium unifolium* Kellogg 'Eros' (NL, W. de Goede, 2006)  
 190. *Gilliesia graminea* Lindl. (GB, Kew, HB, 1995)  
 191. *Ipheion pedunculata* Rav. 'Rolf Fiedler' (DE, Würzburg, HBU, 2009: UY, Maldonado\*)  
 192. *Ipheion uniflorum* (Graham) Raf. 'Alberto Castilio' (GB, Wisley, RHS, 1995)  
 193. *Nothoscordum ostenii* Beauverd (UK, Wales "Bryn Collen", J.& J.Archibald, 2004: UY\*)

#### AMARYLLIDACEAE

194. *Narcissus bulbocodium* L. subsp. *obessus* (Salisb.) Maire (PT, prope Sintra\*, 1992)  
 195. *Pancratium maritimum* L. (PT, prope Cabo da Roca\*, 2015)

#### APIACEAE

196. *Angelica archangelica* L. (NL, Amsterdam, HBU, 1978)  
 197. *Astrantia major* L. (LV, distr. Dobele, Tērvete, ad ripam fl. Tērvete\*, 1983)  
 198. *Carum carvi* L. (LV, Salaspils\*, 1973)  
 199. *Coriandrum sativum* L. (LV, Salaspils, 1975)  
 200. *Ferula asa-foetida* L. (PL, Lublin, H Pharm, 2009)  
 201. *Ferula gummosa* Boiss. (DE, Rostock, HBU, 2010)  
 202. *Levisticum officinale* W.D.J.Koch (RU, Samara, HBU, 1974)  
 203. *Meum athamanticum* Jacq. (DE, Dresden, HBTU, 1965)  
 204. *Pastinaca sativa* L.  
 205. *Petroselinum crispum* (Mill.) A.W.Hill (LV, Salaspils, 1979)

#### APOCYNACEAE

206. *Amsonia tabernaemontana* Walter (AT, Wien, H Alp im Belvedere, 1977)

#### ARACEAE

207. *Arisaema ciliatum* H.Li var. *liubaense* Gusman & Gouda (NL, Utrecht, HB, 1992: CN, Sichuan, Liuba\*, 3600 m)  
 208. *Arisaema fargesii* Buchet (LV, Rīga, HBU, 1995)

#### ASCLEPIADACEAE

209. *Asclepias tuberosa* L. (LV, distr. Ventspils, Pope, "Bērziņi", 2010)

#### ASPHODELACEAE

210. *Eremurus fuscus* (O.Fedtsch.) Vved. (KG, prope Bishkek\*)  
 211. *Eremurus robustus* Regel (LV, Tukums, M.Feldmane, 2007)

212. *Eremurus stenophyllus* (Boiss. & Buhse) Baker (UZ, jugum Hissaricum, in valle fl. Tupolang\*, 2002)

#### ASTERACEAE

213. *Achillea millefolium* L. (LV, Salaspils\*, 1973)  
214. *Arnica foliolosa* Nutt. (RU, Mosqua, VILR, 1975)  
215. *Chrysanthemum parthenium* (L.) Bernh. (PL, Kraków, Plant Med, 2004)  
216. *Cichorium intybus* L. (LV, Salaspils\*, 1973)  
217. *Cnicus benedictus* L. (DE, Bayreuth, HB Ecol, 2008)  
218. *Echinacea purpurea* (L.) Moench (PL, Lublin, HBU, 2005)  
219. *Eupatorium cannabinum* L. (PL, Warszawa, HBU, 2008)  
220. *Grindelia robusta* Nutt. (RU, Mosqua, VILR, 1973)  
221. *Inula helenium* L. (LV, distr. Tukums, Rauda, 1964)  
222. *Liatris pycnostachya* Michx. (AT, Graz, HBU, 1983)  
223. *Ligularia fischeri* (Ledeb.) Turcz. (RU, Mosqua, HBP, 1976)  
224. *Ligularia sachalinensis* Nakai  
225. *Ligularia sibirica* (L.) Cass. var. *kaialpina* (Kitam.) Kitam. (RU, Vladivostok, HBA, 1975)  
226. *Ligularia splendens* (H.Lév. & Vaniot) Nakai  
227. *Ligularia vorobievii* Worosch. (RU, Mosqua, VILR, 1980)  
228. *Scorzonera hispanica* L. (PL, Gdansk, H Med, 1979)  
229. *Serratula tinctoria* L. (LV, distr. Grobiņa, Kapsēde\*, 1983)  
230. *Silybum marianum* (L.) Gaertn. (PL, Wrocław, U Med, 2006)  
231. *Sium sisarum* L. (FR, Besançon, HBU, 2010)

#### BERBERIDACEAE

232. *Podophyllum hexandrum* Royle (LV, Krimulda, in horto "Vārpas", 1985)

#### BIGNONIACEAE

233. *Incarvillea olgae* Regel (DE, Rabenau, Alp Kleinburgh, 2004)

#### BORAGINACEAE

234. *Anchusa officinalis* L. (LV, Salaspils\*, 1973)

#### BRASSICACEAE

235. *Alyssum gmelinii* Jord. (DE, Mainz, HBU, 2014)  
236. *Aurinia saxatilis* (L.) Desv. (DE, Stuttgart, HBU Hohenheim, 2002)  
237. *Sinapis alba* L. (CH, St Gallen, HB, 2004)

#### CAMPANULACEAE

238. *Lobelia siphilitica* L. (DE, Darmstadt, HBTU, 2014)

#### CARYOPHYLLACEAE

239. *Dianthus collinus* Waldst. & Kit. subsp. *collinus* (DE, Marburg, HBU, 1986)  
240. *Saponaria officinalis* L. (LV, Salaspils\*, 1973)  
241. *Silene pusilla* Waldst. & Kit. (DE, Braunschweig, HBU, 2014)  
242. *Silene uniflora* Roth (HU, Budapest, Hardy Plant Soc, 2015)  
243. *Viscaria vulgaris* Bernh.

#### COLCHICACEAE

244. *Colchicum autumnale* L. (UA, in montibus Karpati\*, 1962)  
245. *Colchicum szovitsii* Fisch. & C.A.Mey. (AM, prope Vardaovit\*, 1990)  
246. *Colchicum szovitsii* Fisch. & C.A.Mey. (AZ, Nakhitschevan, jugum Zangezuricum, prope pagum Tivi\*, 1987)

#### CRASSULACEAE

247. *Rhodiola pamiroalaica* Boriss. (AT, Graz, HBU, 2010)  
248. *Rhodiola rosea* L. (JP, Sapporo, HBU, 2003)  
249. *Sedum ellacombianum* Praeger (DE, Jena, HBU, 1980)  
250. *Sedum obtusifolium* C.A.Mey.

#### FABACEAE

251. *Astragalus glycyphyllos* L. (RU, Mosqua, VILR, 1973)  
252. *Glycyrrhiza echinata* L.  
253. *Glycyrrhiza glabra* L.  
254. *Glycyrrhiza macedonica* Boiss. (CZ, Brno, HPlant Med U, 2009)

#### FUMARIACEAE

255. *Dicentra spectabilis* (L.) Lem. 'Valentine' (LV, „Puķu Lauki”, 2014)

#### GENTIANACEAE

256. *Gentiana lutea* L. (DE, Dresden, HBTU, 1975)

#### GERANIACEAE

257. *Geranium robertianum* L. (PL, Wrocław, H Plant Med, 1975)

#### HEMEROCALLIDACEAE

258. *Hemerocallis esculenta* Koidz. (RU, Mosqua, HBU, 1969: Oriens Extremus, ins. Sachalin, pars australis\*)  
259. *Hemerocallis minor* Mill. (LV, Rīga, HBU, 1987)

#### HYACINTHACEAE

260. *Bellevalia pycnantha* (K.Koch) Losinsk. (TR, Erzurum, Erzurum-Ihat\*, 2004)  
261. *Camassia fraseri* Torr.  
262. *Muscari anatolicum* Cowley & Özhatay (TR, Aladaglar, Emlı Valley\*, 2007)  
263. *Muscari anatolicum* Cowley & Özhatay (TR, Isparta, near Egirdir\* 2007)  
264. *Muscari armeniacum* Baker 'Heaven' (SE, Göteborg, HB, 2009: RU, distr. Krasnodarsk, prope Galendzhik\*)  
265. *Muscari aucheri* (Boiss.) Baker (TR, Anatolia, inter oppidum Beypazari et Bolu\*, 2005)  
266. *Muscari azureum* Fenzl  
267. *Muscari caucasicum* (Griseb.) Baker (AM, ad septentriones urbem Megri\*, 2009)  
268. *Muscari mirum* Speta (TR, Denizli, prope Chameli\*, 2005)  
269. *Muscari mirum* Speta (TR, Denizli, Dimirli Gecidi\*, 2005)  
270. *Muscari* 'Mount Hood' (NL, C.H. van den Berg B.V., 2009)

271. *Muscari neglectum* Guss. (IR, Elburs, ad jugum Imam-Zade-Hashim\*, 1998)
272. *Muscari pallens* (M.Bieb.) Fisch. (LV, J.Rukšāns, 1990: RU, Osethia, prope pagum Holst\*)
273. *Muscari pseudomuscari* (Boiss. & Buhse) Wendelbo (IR, Elburs, inter Nur et Siabisheh\*, 1998)
274. *Muscari spreitzenhoferi* (Heldr. ex Osterm.) H.R.Wehrh. (GR, Creta, mons Ida\*, 2008)
275. *Muscari tenuiflorum* Tausch (SE, Göteborg, HB, 2003: TR, Konya, Derbent\*)
276. *Muscari tenuiflorum* Tausch (TR, ad occidentem ab opido Rafahye\*, 2004)
277. *Ornithogalum nutans* L. (TR, inter Elmali et Seki\*, 2005)
278. *Scilla caucasica* Misch. (AM, montibus Zangezur\*, 2009)

#### HYPERICACEAE

279. *Hypericum perforatum* 'Zolotodolinskaja-1' (RU, Novosibirsk, HB Centr Sib, 1989)

#### IRIDACEAE

280. *Gladiolus imbricatus* L. (LV, Salaspils, HB Nat: LV\*)
281. *Iris aucheri* (Baker) Sealy (SE, Göteborg, HB, 2007: IQ, inter Ravanduz et Kahlan\*)
282. *Iris bucharica* Foster (TJ, jugum Hissaricum, ad urbem Dushanbe\*, 1991)
283. *Iris bucharica* Foster (TJ, jugum Hissaricum, in valle fl. Karatag\*, 1993)
284. *Iris sibirica* L. (LV, distr. Talsi, Valdemārpils\*, 1981)
285. *Iris stolonifera* Maxim. (UZ, Pamir-Alai australibus, montes Chulbair, prope pagum Sina\*, 1998)
286. *Romulea bulbocodium* (L.) Sebast & Mauri (SY, Jabal Nusair, 6 km E a Slunfeh\*, 2002)

#### LAMIACEAE

287. *Betonica foliosa* Rupr.
288. *Leonurus sibiricus* L. (IT, Pallanza, HB Villa Taranto, 1974)
289. *Leonurus tataricus* L. (RU, Mosqua, VILR, 1974)
290. *Monarda didyma* L. (RU, Mosqua, HBP, 2004)
291. *Nepeta cataria* L. (PL, Wrocław, H Plant Med, 2004)
292. *Origanum vulgare* L. (LV, Cēsis\*, 1961)
293. *Phlomis russeliana* (Sims) Benth. (LV, Rīga, HBU, 2008)
294. *Salvia officinalis* L.
295. *Stachys byzantina* K.Koch (FR, Dijon, HB, 1965)
296. *Stachys officinalis* (L.) Trevis. (LV, Cēsis\*, 1961)

#### LILIACEAE

297. *Fritillaria acmopetala* Boiss. (NL, Van Tubergen, Haarlem, 1980)
298. *Fritillaria camschatcensis* (L.) Ker Gawl. (RU, Oriens Extremus, ins. Sachalin, prope oppidulum Tomari\*, 1988)
299. *Fritillaria caucasica* Adams (AM, mons Aragats\*, 1989)
300. *Fritillaria gibbosa* Boiss. (IR, Zagros, prope Arak\*, 2016)

301. *Fritillaria kotschyana* Herb. (IR, jugum Elbursense, "Siabishe"\* , 1998)  
 302. *Fritillaria michailovskyi* Fomin (TR, Agri Prov, Tenderek Gecidi\* , 2004)  
 303. *Fritillaria pallidiflora* Schrenk (EE, Tallinn, HBA, 1994: KZ, Dzhungaria Alatau\*)  
 304. *Fritillaria raddeana* Regel (IR, Golestan, Golestan Forest\* , 1998)  
 305. *Fritillaria stenantha* (Regel) Regel (UZ, Tianshan Occidentalis, prope Aksakatasai\* , 1996)  
 306. *Tulipa sprengeri* Baker  
 307. *Linum usitatissimum* L. (LV, Salaspils, 1973)

#### MALVACEAE

308. *Althaea officinalis* L. (LV, Salaspils, 1962)  
 309. *Napaea dioica* L. (DE, Frankfurt a. M., HBU, 1978)

#### MELANTHIACEAE

310. *Veratrum album* L. (LV, Salaspils, 1959)

#### PAEONIACEAE

311. *Paeonia peregrina* Mill. (RU, Novosibirsk, HB Centr. Sib, 1982)

#### PAPAVERACEAE

312. *Papaver somniferum* L.

#### PLANTAGINACEAE

313. *Plantago major* L. (LV, Salaspils\* , 1973)

#### POLEMONIACEAE

314. *Polemonium caeruleum* L. (LV, distr. Rīga, Kangari\* , 1973)

#### POLYGONACEAE

315. *Fagopyrum esculentum* Moench (HU, Tápioszéle, I Agrobot, 1975)  
 316. *Rumex confertus* Willd. (LV, Cēsis\* , 1961)

#### PRIMULACEAE

317. *Dodecatheon meadia* L. (DE, Frankfurt, HB, 2013)  
 318. *Lysimachia vulgaris* L. (FR, Caen, HBU, 2007)  
 319. *Primula ruprechtii* Kusn. ex Lipsky (AM, mons Majmech\* , 2009)

#### RANUNCULACEAE

320. *Aquilegia glandulosa* Fisch. ex Link (RU, Mosqua, VILR, 1975)  
 321. *Aquilegia vulgaris* 'Nora Barlow' (RO, Cluj-Napoca, HBU Agr, 2008)  
 322. *Clematis recta* L. (LV, Salaspils, 1973)

#### ROSACEAE

323. *Agrimonia eupatoria* L. (LV, Salaspils\* , 1961)  
 324. *Filipendula ulmaria* (L.) Maxim. (LV, Salaspils\* , 1973)  
 325. *Filipendula vulgaris* Moench (LV, distr. Bauska, Bārbele\* , 1973)  
 326. *Geum rivale* L. (LV, Salaspils\* , 1973)  
 327. *Geum urbanum* L. (LV, Salaspils\* , 1973)

**328.** *Potentilla erecta* (L.) Raeusch. (LV, Salaspils\*, 1973)

*RUBIACEAE*

**329.** *Galium boreale* L.

**330.** *Galium verum* L. (LV, Salaspils\*, 1974)

*SAXIFRAGACEAE*

**331.** *Saxifraga paniculata* Mill.

**332.** *Filipendula ulmaria* (L.) Maxim. (LV, Salaspils\*, 1973)

*SAXIFRAGACEAE*

**333.** *Saxifraga paniculata* Mill.

*SCROPHULARIACEAE*

**334.** *Digitalis lutea* L. (RU, Mosqua, HBP, 1973)

*TRICYRTIDACEAE*

**335.** *Tricyrtis* sp.

*TRILLIACEAE*

**336.** *Trillium parviflorum* V.G.Soukup (SE, Göteborg, HB, 1993)

**III**  
PARTIS VIVAE ET SEMINA PLANTARUM IN CALDARIIS CULTAE  
Legit: Zane Purne

**AGAVACEAE**

- 337.** *Agave striata* Zucc.

**AMARANTHACEAE**

- 338.** *Pleuropetalum darwinii* Hook. fil. (CZ, Opava, Arb Nový Dvůr, 2015)

**ARISTOLOCHIACEAE**

- 339.** *Aristolochia gracilis* Duch. (DE, Ulm, HBU, 2014)  
**340.** *Aristolochia littoralis* Parodi (DE, Ulm, HBU, 2014)  
**341.** *Aristolochia littoralis* Parodi (PL, Warszawa, HBU, 1998)  
**342.** *Aristolochia inflata* Kunth. (FR, Menton, HB Exot, 2013)  
**343.** *Aristolochia inflata* Kunth. (HU, Budapest, H Plant Soc, 2011)  
**344.** *Aristolochia triloba* Salisb. (DE, Erlangen, HBU, 2004)

**ASCLEPIADACEAE**

- 345.** \*\* *Ceropegia dichotoma* Haw. (EE, Tallinn, HBA, 1976)  
**346.** \*\* *Ceropegia sandersonii* Decne. ex Hook. fil. (EE, Tallinn, HBA, 1976)  
**347.** \*\* *Sarcostemma viminale* R.Br. (GH, Legon, HBU, 1967)

**ASPARAGACEAE**

- 348.** *Asparagus scoparius* Lowe (DE, Rostock, HB, 2004)

**ASTERACEAE**

- 349.** \*\* *Senecio articulatus* (L.fil) Sch. Bip. (RU, Mosqua, HBU Agr, 1987)  
**350.** \*\* *Senecio citrifolius* Rowley (BE, Liège, HBU, 1984)  
**351.** \*\* *Senecio herreianus* Dinter (LV, Rīga, HBU, 1957)  
**352.** \*\* *Senecio jacobsenii* Rowley (EE, Tallinn, HBA, 1966)  
**353.** \*\* *Senecio medley-woodii* Hutch. (EE, Tallinn, HBA, 1988)  
**354.** \*\* *Senecio rowleyanus* Jacobsen (EE, Tallinn, HBA, 1976)  
**355.** \*\* *Senecio serpens* Rowley (LV, Rīga, HBU, 1957)  
**356.** \*\* *Senecio stapeliaeformis* Phillips (DE, Dresden, HBTU, 1980)  
**357.** \*\* *Senecio tropaeolifolius* MacOwan (EE, Tallinn, HBA, 1988)

**BASELLACEAE**

- 358.** *Basella alba* L. 'Rubra'

**CACTACEAE**

- 359.** \*\* *Rhipsalis aureziana* (NO, Bergen, HBU, 1981)  
**360.** \*\* *Rhipsalis cassutha* Gaertn. (EE, Tallinn, HBA, 1979)  
**361.** \*\* *Rhipsalis cereuscula* Haw. (DE, Karlsruhe, HBU, 1962)  
**362.** \*\* *Rhipsalis clavata* F.A.C.Weber (IT, Trana, HB REA, 1986)  
**363.** \*\* *Rhipsalis cribrata* Lem. (DE, Berlin, Arb Berolin, 1996)  
**364.** \*\* *Rhipsalis hadrosoma* G.Lindb. (FR, Dijon, HB, 1988)



365. \*\* *Rhipsalis heptagona* Rauh & Backeb.  
 366. \*\* *Rhipsalis heteroclada* Britton & Rose (DE, Berlin, Arb Berlin, 1996)  
 367. \*\* *Rhipsalis lumbricoides* (Lem.) Lem. (DE, Wilhelmshaven, HB, 1988)  
 368. \*\* *Rhipsalis pachyptera* Pfeiff. (NO, Bergen, HBU, 1973)  
 369. \*\* *Rhipsalis penduliflora* N.E.Br. (IT, Trana, HB REA, 1986)  
 370. \*\* *Rhipsalis platycarpa* Lem. (NO, Bergen, HBU, 1981)  
 371. \*\* *Rhipsalis roseana* A.Berger (DE, Karlsruhe, HBU, 1980)  
 372. \*\* *Rhipsalis teres* (Vell.) Steud. (LV, Rīga, HBU, 1958)

#### CANNACEAE

373. *Canna occidentalis* Roscoe ex Ker Gawl. (NL, Leiden, HBU, 2005)

#### COMMELINACEAE

374. \*\* *Cyanotis somaliensis* C.B.Clarke (UA, Kiyv, HBA, 1989)

#### CRASSULACEAE

375. \*\* *Aeonium castello-paivae* Bolle (EE, Tallinn, HBA, 1989)  
 376. \*\* *Aeonium ciliatum* Webb & Berthel. (DE, Krefeld, HB, 2012)  
 377. \*\* *Aeonium decorum* Webb ex Bolle (DE, Erlangen, HBU, 1984)  
 378. \*\* *Aeonium lindleyi* Webb & Berthel. (DE, Berlin-Dahlem, HB, 1963)  
 379. \*\* *Aeonium tortuosum* (Aiton) Berger (EE, Tallinn, HBA, 1963)  
 380. \*\* *Cotyledon tomentosa* Harv. (CH, Zürich, Stadt Sukkulentensammlung, 1987)  
 381. \*\* *Crassula arborescens* (Mill.) Willd. (BE, Gent, HBU, 1963)  
 382. \*\* *Crassula lactea* Sol. ex Aiton (DE, Karlsruhe, HBU, 1962)  
 383. \*\* *Crassula lycopodioides* Lam. var. *lycopodioides* (LV, Rīga, HBU, 1958)  
 384. \*\* *Crassula lycopodioides* Lam. var. *pseudolycopodioides* (Dinter & Schinz) E.Walther f. *fragilis* J.A.Huber (NL, Wageningen, I Horticult, 1971)  
 385. \*\* *Crassula lycopodioides* Lam. var. *purpusii* Jacobsen (DE, Duisburg, HB, 1963)  
 386. \*\* *Crassula lycopodioides* Lam. var. *variegata* Lamb (HU, Vácrtót, HBA, 1966)  
 387. \*\* *Crassula lycopodioides* Lam. var. *viridis* Berger (BE, Antwerpen, HB, 1962)  
 388. \*\* *Crassula lycopodioides* 'Monstrosa' (DE, Duisburg, HB, 1963)  
 389. \*\* *Crassula multicava* Lem. (RO, Cluj-Napoca, HBU Agr, 1967)  
 390. \*\* *Crassula nealiana* V.Higgins (NL, Wageningen, I Horticult, 1971)  
 391. \*\* *Crassula obliqua* Sol. ex Aiton (LV, Rīga, HBU, 1958)  
 392. \*\* *Crassula ovata* 'Gollum'  
 393. \*\* *Crassula ovata* 'Tricolor'  
 394. \*\* *Crassula perforata* Thunb. (DE, München, HB, 1974)  
 395. \*\* *Crassula perforata* 'Giant Pagoda' (NL, Wageningen, I Horticult, 1971)  
 396. \*\* *Crassula portulacea* Lam. (LV, Rīga, HBU, 1958)  
 397. \*\* *Crassula portulacea* 'Blue Bird' (NL, Wageningen, I Horticult, 1971)  
 398. \*\* *Crassula rattrayi* Schönland & Baker fil. (EE, Tallinn, HBA, 1963)  
 399. \*\* *Crassula rupestris* Thunb. (FI, Turku, HBU, 1962)  
 400. \*\* *Crassula sarmentosa* Harv. (LV, Rīga, HBU, 1966)  
 401. \*\* *Crassula spathulata* Thunb. (LV, Rīga, HBU, 1963)

402. \*\* *Crassula tetragona* L. (RU, Mosqua, HBP, 1963)
403. \*\* *Crassula* 'Tom Thumb' (selection of *C. brevifolia* x *C. marnierana*) (NL, Wageningen, I Horticult, 1972)
404. \*\* x *Cremneria scaphylla* (Deleuil ex Morren) Moran (LV, Rīga, HBU, 1968)
405. \*\* *Echeveria bifida* Schlecht. (LV, Rīga, HBU, 1968)
406. \*\* *Echeveria derenbergii* J.A.Purpus (DE, Berlin-Dahlem, HB, 1963)
407. \*\* *Echeveria sedoides* E.Walther (BE, Liège, HBU, 1982)
408. \*\* x *Graptoveria* 'Calva' (NL, Rotterdam, HZB, 1972)
409. \*\* x *Graptoveria* 'Gilva' (LV, Salaspils, HB Nat, 1995)
410. \*\* x *Graptoveria* 'Titubans' (NL, Rotterdam, HZB, 1972)
411. \*\* *Kalanchoë manginii* Raym.-Hamet & J.O.E.Perrier (CH, Basel, HBU, 1978)
412. \*\* *Kalanchoë pinnata* (Lam.) Pers. (NL, Rotterdam, HZB, 1997)
413. \*\* *Monanthes amygdros* Svent. (EE, Tallinn, HBA, 1979)
414. \*\* *Monanthes anagensis* Praeger (BE, Gent, HBU, 1975)
415. \*\* *Monanthes polyphylla* Haw. (LV, Rīga, HBU, 1958)
416. \*\* *Pachyphytum hookeri* (Salm-Dyck) Berger (RU, St-Peterburg, HBIB, 1968)
417. \*\* x *Pachysedum* sp. (BE, Liège, HBU, 1983)
418. \*\* *Sedum allantoides* Rose (LV, Rīga, HBU, 1961)
419. \*\* *Sedum burrito* Moran (PL, Wrocław, HBU, 2001)
420. \*\* *Sedum clavifolium* Rose (BE, Liège, HBU, 1983)
421. \*\* *Sedum dasyphyllum* L. (LV, Rīga, HBU, 1958)
422. \*\* *Sedum dendroideum* Moç. & Sessé ex DC. subsp. *praealtum* (A.DC.) R.T.Clausen (LV, Rīga, HBU, 1958)
423. \*\* *Sedum furfuraceum* Moran (NL, Wageningen, I Horticult, 1979)
424. \*\* *Sedum griseum* Praeger (SE, Stockholm, HB, 1964)
425. \*\* *Sedum lineare* Thunb. var. *variegatum* Praeger (EE, Tallinn, HBA, 1979)
426. \*\* *Sedum luteoviride* T.B.Clausen (BE, Liège, HBU, 1981)
427. \*\* *Sedum mexicanum* Britton (EE, Tallinn, HBA, 1963)
428. \*\* *Sedum moranense* Humb., Bonpl. & Kunth subsp. *moranense*
429. \*\* *Sedum moranense* Humb., Bonpl. & Kunth subsp. *grandiflorum* R.T.Clausen (NL, Wageningen, I Horticult, 1972)
430. \*\* *Sedum morganianum* E.Walther (LV, Rīga, HBU, 1964)
431. \*\* *Sedum nussbaumerianum* Bitter (LV, Rīga, HBU, 1958)
432. \*\* *Sedum oaxacanum* Rose (NL, Wageningen, I Horticult, 1971)
433. \*\* *Sedum pachyphyllum* Rose (LV, Rīga, HBU, 1958)
434. \*\* *Sedum palmatum* (HU, Pecs, HBU, 1977)
435. \*\* *Sedum palmeri* S.Watson (LV, Rīga, HBU, 1958)
436. \*\* *Sedum rubrotinctum* R.T.Clausen (LV, Rīga, HBU, 1958)
437. \*\* *Sedum rubrotinctum* 'Aurora' (UA, Kyiv, HBU, 1983)
438. \*\* *Sedum stahlia* Solms (IT, Modena, HBU, 1962)
439. \*\* *Sedum treleasei* Rose (RU, Mosqua, HBP, 1963)
440. \*\* *Sinocrassula densirosulata* A.Berger (HU, Szeged, HBU, 2006)
441. \*\* *Sinocrassula yunnanensis* (Franch.) A.Berger (DE, Tübingen, HBU, 2011)

442. \*\* *Villadia batesii* (Hemsl.) Baehni & J.F.Macbr. (DE, Göttingen, HBU, 1970)  
443. \*\* *Villadia imbricata* Rose (DE, Göttingen, HBU, 1970)

#### DRACAENACEAE

444. \*\* *Sansevieria cylindrica* Bojer ex Hook. (PL, Warszawa, HBU, 1975)  
445. \*\* *Sansevieria grandis* Hook. fil. (EE, Tallinn, HBA, 1966)  
446. \*\* *Sansevieria trifasciata* Prain (LV, Rīga, HBU, 1957)  
447. \*\* *Sansevieria trifasciata* 'Golden Hahnii'  
448. \*\* *Sansevieria trifasciata* 'Hahnii'  
449. \*\* *Sansevieria trifasciata* 'Silver Cloud' (EE, Tallinn, HBA, 1988)

#### EUPHORBIACEAE

450. *Phyllanthus grandifolius* L. (PL, Wrocław, HBU, 2004)

#### HYACINTHACEAE

451. *Bowiea kilimandsharica* Mildbr. (CH, Basel, HBU, 1975)

#### LAMIACEAE

452. \*\* *Plectranthus prostratus* Guerke (NL, Gent, HBU, 1972)

#### VITACEAE

453. \*\* *Cissus tuberosa* Moç. & Sessé ex DC. (LV, Rīga, HBU, 1986)

SEMINA PLANTARUM IN DIVERSIS  
LOCIS LATVIENSIS COLLECTA

1. Legit: **Ināra Bondare** in distr. Liepāja, Rucava, Arb.

- 454. *Abies fraseri* (Pursh) Poir.
- 455. *Acer griseum* (Franch.) Pax
- 456. *Aesculus glabra* Willd.
- 457. *Carya ovata* (Mill.) K.Koch
- 458. *Catalpa* × *erubescens* Carrière
- 459. × *Cerapadus mitchurinii* (*Cerasus vulgaris* × *Padus avium*)
- 460. *Fraxinus mariesii* Hook. fil. (syn. *Fraxinus sieboldiana* Blume)
- 461. *Picea chihuahuana* Martinez
- 462. *Picea engelmannii* Parry ex Engelm. subsp. *mexicana* (Martinez)  
P.Schmidt
- 463. *Pinus armandii* Franch.
- 464. *Quercus libani* Oliv.
- 465. *Rhododendron makinoi* Tagg ex Nakai
- 466. *Rosa roxburghii* Tratt. f. *normalis* Rehder & E.H.Wilson
- 467. *Sorbus* × *arnoldiana* Rehder
- 468. *Sorbus forrestii* McAllister & Gillham
- 469. *Sorbus fruticosa* Steud.
- 470. *Sorbus koehneana* C.K.Schneid.
- 471. *Sorbus setschwanensis* (C.K.Schneid.) Koehne
- 472. *Sorbus* 'White Swan'

2. Legit: **Daina Roze** in diversis locis

- 473. *Carpinus betulus* L. (Liepāja, Piejūras parks\*)
- 474. *Solidago virgaurea* L. (distr. Ogre, Zilie kalni\*)
- 475. *Sorbus aucuparia* L. (distr. Ogre, Aizupes\*)

*Emendationes errorum in plantis determinatis animo grato accipiemus.*

*Comments concerning errors or omissions in the Seed List will be greatly appreciated.*

*Wir werden Ihnen für die Verbesserung der bei der Identifizierung der Pflanzen entstandenen Fehler sehr dankbar sein.*

*Būsīm pateicīgi par Jūsu norādēm uz kļūdām vai nepilnībām mūsu katalogā.*

With your order, you accept the above conditions:

**Agreement on the supply of living plant material by the National Botanic Garden of Latvia (NBG)**

Since the Convention on Biological Diversity (Rio de Janeiro, 1992) entered into force it has become necessary for botanic gardens to comply in particular with Article 15 (Access to genetic resources), especially in connection with the exchange of plant material. Accordingly, the garden only passes on plant material under the condition that the user acts in the spirit of the Convention on Biological Diversity.

The NBG is dedicated to the conservation, sustainable use and research of biological diversity. With regard to the acquisition, maintenance and supply of plant material, the NBG therefore expects its partners to act in a manner that is consistent to the letter and the spirit of the Biodiversity Convention the Convention on International Trade in Endangered Species (CITES) and in compliance with all relevant conventions and laws relating to the protection of biological diversity.

Consequently, only those persons and institutions, who accept the following conditions will receive plant material from the NBG collection.

1. On the basis of this agreement, the material is intended to serve the common good, particularly scientific study, education and the interests of environmental protection.
2. Upon accepting plant material from the NBG, the recipient is obliged to document and preserve information relating to the material appropriately.
3. In the event that scientific publications on the plant material provided are produced, the origin of the material is to be cited. In addition, these publications are expected to be sent to the NBG automatically, without request.
4. Intended commercial use by the recipient is not covered by this agreement. The commercialization is the object of a separate agreement with the country of origin. This agreement underlies the provisions of the CBD, i. e., the user is obliged to share benefits with the country of origin and to forward relevant information to the authority instructed with the implementation of the CBD.
5. The NBG will forward information on the material supply on request to the authority instructed with the implementation of the CBD.
6. Plant material may only be supplied on the basis and under the conditions of this or corresponding agreement.

You can send your requests by mail:

**Index Seminum  
Hortus Botanicus Nationalis  
LV-2169, Salaspils  
Latvia**

or e-mail: [anita.roze@nbd.gov.lv](mailto:anita.roze@nbd.gov.lv); <http://www.nbd.gov.lv>

Please send your requests before **May, 30<sup>th</sup>, 2018.**

Please write one number per box (not more than 25 items in one request).



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***Index Seminum LXII (62)***

Your address :

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\_\_\_\_\_  
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Substituents:


Is a Phytosanitary Certificate necessary ?

YES

NO