

**LATVIJAS REPUBLIKAS VIDES AIZSARDZĪBAS UN REĢIONĀLĀS ATTĪSTĪBAS MINISTRIJA  
NACIONĀLAIS BOTĀNISKAIS DĀRZS**

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



**INDEX SEMINUM  
anno 2016 collectorum**

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SĒKLU SARAKSTS**

**LXI (61)**

**SALASPILS, 2017**



**INDEX SEMINUM**  
anno 2016 collectorum,  
quae

**HORTUS BOTANICUS NATIONALIS**  
SALASPILS, LATVIA

pro mutua  
commutatione offert

**LXI**

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

**PINOPHYTA**

**GNETOPSIDA**

*EPHEDRACEAE*

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

**PINOPSIDA**

*CUPRESSACEAE*

2. *Chamaecyparis lawsoniana* 'Lane' (CZ, Slepčany, Arb Mlyňany, 1985)
3. *Juniperus virginiana* L. var. *crebra* Fernald & Griscom (CA, Montréal, HB, 1989: BC\*)
4. *Juniperus virginiana* L. var. *crebra* Fernald & Griscom (US, Lincoln, East Comp. Forestry Sci. Lab. 1990: Cedar, Point Cansas\*)
5. *Juniperus virginiana* 'Schottii' (CZ, Kostelec, Arb, 1985)
6. *Microbiota decussata* Kom. (LV, distr. Engure, Arb Lāčupe, 1981)
7. *Thuja koraiensis* Nakai (NO, Oslo, HBU, 1985)

*PINACEAE*

8. *Abies semenovii* B. Fedtsch. (KG, Tianshan Centr., jugum Talassicum, in faucibus fl. Besh-Tash\*, 1968)
9. *Pinus contorta* Douglas ex Loudon var. *latifolia* Engelm. ex S.Watson (US, Dimandole, Harry E.Saiers, 1964)
10. *Pinus parviflora* 'Glauca' (CZ, Průhonice. I Horticult Orn, 1988)
11. *Pinus rigida* Mill. (CA, Montréal, HB, 1991: Canada Orientalis\*)

*TAXACEAE*

12. *Taxus caespitosa* Nakai (KP, Pyongyang, HB, 1978)
13. *Taxus canadensis* Marshall (CA, Montréal, HB, 2005: Québec\*, mesic deciduous forest)
14. *Taxus canadensis* Marshall (RU, St-Peterburg, HBIB, 1990)
15. *Taxus cuspidata* Siebold & Zucc. (KP, Pyongyang, HB, 1977)

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*Parentesibus loca et annua introductionis plantarum notata sunt*

\* - *plantae spontaneae*

\*\* - *pars viva*

## **MAGNOLIOPHYTA**

### **ACERACEAE**

16. *Acer miyabei* Maxim. (DE, Dresden, HBTU, 1961, 1964)
17. *Acer mono* Maxim. var. *mayrii* (Schwer.) Nakai (RU, Oriens Extremus, ins. Sachalin, prope Nevelsk\*, 1977)
18. *Acer palmatum* Thunb. subsp. *amoenum* (Carrière) Hara (JP, Tokyo, HBU, 1960)
19. *Acer pensylvanicum* L. (RU, Chabarovsk, Arb DalNIILH, 1961)
20. *Acer sieboldianum* Miq. (BY, Minsk, HBU, 1973)
21. *Acer spicatum* Lam. (RU, Barnaul, I Invest Hort Sib, 1957)
22. *Acer tegmentosum* Maxim. (RU, Oriens Extremus, prov. Primorskij, Okeanskaja\*, 1962)

### **ACTINIDIACEAE**

23. *Actinidia arguta* (Siebold & Zucc.) Planch. & Miq. (RU, Oriens Extremus, prov. Primorskij, reserv. Kedrovaja Padj\*, 1960)
24. *Actinidia kolomikta* (Maxim. & Rupr.) Maxim. (RU, Oriens Extremus, prov. Primorskij, Kamenushka, in ripa fl. Suputinka\*, 1960)

### **ANACARDIACEAE**

25. *Cotinus obovatus* Raf. (DE, Berlin, Arb Berolin, 1977)
26. *Rhus trichocarpa* Miq. (RU, Oriens Extremus, ins. Kurilienses, Iturup, Jasnoje\*, 1978)

### **AQUIFOLIACEAE**

27. *Ilex verticillata* (L.) A. Grey (US, Downers Grove, N.O. Virkau, 1995: Northern Wisconsin\*)
28. *Nemophanthus mucronatus* (L.) Trel. (CA, Guelph, Arb U, 1979: Nova Scotia\*)

### **ARALIACEAE**

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

### **ASCLEPIADACEAE**

31. *Periploca sepium* Bunge (IT, Milano, HBU, 1997)

### BERBERIDACEAE

32. *Berberis aemulans* C.K.Schneid. (CH, Chambésy / Genève, HB, 1956)
33. *Berberis aggregata* C.K.Schneid. (NO, Trondheim, Ringve HBU, 1984)
34. *Berberis amurensis* Rupr. (RU, Oriens Extremus, distr. Partizansk, mt. Czandalaz\*, s.m. 200-800 m, 1983)
35. *Berberis anhweiensis* Ahrendt (CN, Shanghai, HB, 1977: prov. Anhui, mt. Huanshan\*)
36. *Berberis bretschnideri* Rehder (NL, Wageningen, HBU, 1965)
37. *Berberis* × *carminea* Chitt. ex Ahrendt (HU, Szeged, HBU, 1984)
38. *Berberis dasystachya* Maxim. (RO, Cluj-Napoca, HBU Agr, 1971)
39. *Berberis diaphana* Maxim.
40. *Berberis faxoniana* C.K. Schneid. (CH, Chambésy / Genève, HB, 1956)
41. *Berberis heteropoda* Schrenk (PL, Warszawa, HBA, 1984)
42. *Berberis heteropoda* Schrenk (RU, Meszczerskoje, ST Exper Select Silv-Stepp, 1998)
43. *Berberis johannis* Ahrendt (PL, Kórnik, Arb, 1978)
44. *Berberis karkaralensis* Kornil. & Potapov (KZ, Karaganda, HBA, 1965)
45. *Berberis koreana* Palib. (RU, Mosqua, HBP, 1961)
46. *Berberis poiretii* C.K.Schneid. (RU, Novosibirsk, HB Centr Sib, 1984)
47. *Berberis regeliana* Koehne ex C.K.Schneid. (NO, Store Milde, Arb, 1998)
48. *Berberis tischleri* C.K.Schneid. (SE, Göteborg, HB, 1985: Pakistan, Gilgit: near Rama, 5-6 km W of Astor\*)
49. *Berberis verna* C.K.Schneid. (AM, Erevan, HBA, 1964)
50. *Mahonia aquifolium* (Pursh) Nutt. (LV, Salaspils, HB Nat, 1956)

### BETULACEAE

51. *Betula alleghaniensis* Britt. (LV, Salaspils, HB Nat)
52. *Betula papyrifera* Marshall (FI, Helsinki, HBU, 1961)
53. *Betula raddeana* Trautv. (UA, Kyiv, HBA, 1957)
54. *Carpinus caroliniana* Walter var. *virginiana* (Marshall) Fernald (CA, Montréal, HB, 1982: Canada Orientalis\*)

### BUDDLEIACEAE

55. *Buddleia hemsleyana* Koehne (RO, Cluj-Napoca, HBU, 2003)

### CALYCANTHACEAE

56. *Calycanthus floridus* L. (DE, Stuttgart, HBU Hohenheim, 2002)
57. *Calycanthus floridus* 'Athens'

### CAPRIFOLIACEAE

58. *Abelia mosanensis* Chung ex Nakai (KP, Pyongyang, HB, 1973)
59. *Diervilla lonicera* Mill. (CA, Montréal, HB\*, 1972)
60. *Diervilla sessilifolia* Buckley (PL, Kraków, H Plant Med, 1980)
61. *Lonicera alpigena* L. (DE, Berlin-Dahlem, HB, 2005)
62. *Lonicera caucasica* Pall. (RU, Machaczka, HB Mont, 1999: semina in diversis reg. Daghestaniae lecta: reg. montane\*)
63. *Lonicera nigra* L. (SK, Transcolomnica\*, 2003)
64. *Lonicera vesicaria* Kom. (KP, Pyongyang, HB, 1977)

65. *Sambucus canadensis* L. (US, East Lansing, HBU Mich, 2012: Michigan, St Ingham Co\*, s.m. 268 m)
66. *Sambucus nigra* L. (LV, distr. Talsi, Valdgale, 1985)
67. *Sambucus nigra* L. (US, Morristown, Willowood Arb\*, 1998)
68. *Sambucus nigra* 'Laciniata' (LV, Jaunkalsnava, Arb Kalsnava: distr. Bauska, Ziedoņi, 1978)
69. *Sambucus williamsii* Hance var. *coreana* Nakai (RU, Oriens Extremus, prov. Primorskij, distr. Nadezhdinensis, Terehovka\*, prope vulcani extincti, in declivibus fruticosus, s.m. 50-100m, 1983)

#### CELASTRACEAE

70. *Celastrus orbiculatus* Thunb. (LV, Salaspils, HB Nat)
71. *Celastrus orbiculatus* Thunb. (DE, Giessen, HBU, 1965)
72. *Euonymus alatus* (Thunb.) Siebold f. *striatus* (Thunb.) Makino (JP, Okamoto, Ofuna, HB\*, 2006)
73. *Euonymus europaeus* 'Argenteovariegatus' (LV, Salaspils, HB Nat)
74. *Euonymus hamiltonianus* Wall. var. *nikoensis* (Nakai) Blakelock (JP, Tokyo, HBU, 1977: Koishikawa, vicinity of mt. Fuji and Hakone\*)
75. *Euonymus maackii* Rupr. (RU, Oriens Extremus, Svobodnij, St Expl Silv Amurensis, 1961: distr. Chabarovsk\*)
76. *Euonymus maximowiczianus* Prokh. (RU, Oriens Extremus, prov. Primorskij, Shamora\*, 1985)
77. *Euonymus sacrosanctus* Koidz. (RU, Oriens Extremus, prov. Chabarovskij in vicinis Shumnyj\*, 1961)
78. *Euonymus sacrosanctus* Koidz. (RU, Oriens Extremus, prov. Primorskij distr. Hassanensis, reserv. Kedrovaja Padj\*, 1983)
79. *Euonymus sieboldianus* Blume (RU, Oriens Extremus, ins. Sachalin, mt. Czechovii\*, 1981)

#### CISTACEAE

80. *Cistus albanicus* E.F.Warb. ex Heywood (DE, Marburg, HBU, 2011)
81. *Helianthemum nummularium* (L.) Mill. subsp. *obscurum* (Pers.) C.K.Schneid. (PL, Przemysl, Arb Bolestraszyce, 2010)

#### CORNACEAE

82. *Cornus alternifolia* (L.fil.) Small (US, Northampton, HB Smith College, 1991)
83. *Cornus amomum* (Mill.) Small var. *amomum* (US, East Lansing, HBU Mich, 2002: Ingham Co, Mich\*)
84. *Cornus amomum* Mill. subsp. *obliqua* (Raf.) J.S.Wilson (CA, Montréal, HB\*, 2006)
85. *Cornus drummondii* C.A.Mey. (US, Kirtland, Holden Arb, 1999: Ohio, Erie\*)
86. *Cornus stolonifera* Michx. (CA, Montréal, HB, 2010: Québec, lac Saint Forêt\*)

## ELAEAGNACEAE

87. *Elaeagnus umbellata* Thunb. (LV, Salaspils, HB Nat, 2003: EE, Tallinn, HBA: Polli, 1991)

## ERICACEAE

88. *Bruckenthalia spiculifolia* (Salisb.) Rchb. (BG, Sophia, HBA, 1998: mt. Vitosha\*)
89. *Clethra acuminata* Michx. (TR, Bornova-Izmir, HBU, 1987)
90. *Enkianthus campanulatus* (Miq.) G.Nicholson var. *palibinii* (Craib) Bean (JP, Nikko, Tokyo HBU, 1975)
91. *Gaultheria procumbens* L. (US, South Hadley, HB Coll, 1994: Hatfield, Hampshire Co, Massachusets\*)
92. *Kalmia angustifolia* L. (US, Morristown, Willowood Arb, 2002)
93. *Kalmia polifolia* Wangenh. (DE, Marburg/Lahn, HBU, 1981)
94. *Lyonia ligustrina* (L.) DC. (AT, Wien, HBU, 1975)
95. *Menziesia pilosa* (Michx.) Juss. (EE, Tallinn, HBA, 1980)
96. *Pieris floribunda* (Pursh ex Sims) Benth. & Hook. fil. (LV, Salaspils, HB Nat)
97. *Rhododendron albrechtii* Maxim. (DE, Bremen, HB & Rhod Park, 1979)
98. *Rhododendron camtschaticum* Pall. (DE, Bremen, HB & Rhod Park, 1976)
99. *Rhododendron canadense* (L.) Torr. (LV, Rīga, HBU, 1971)
100. *Rhododendron minus* Michx. (US, New York, Bronx HB, 1972)
101. *Rhododendron pachytrichum* Franch. (DE, Bremen, HB & Rhod Park, 1985)
102. *Rhododendron prinophyllum* (Small) Millais (US, Mentor, Holden Arb, 1986)
103. *Rhododendron viscosum* (L.) Torr. (US, Philadelphia, Morris Arb, 1986: Burlington Co, New Jersey, Pine Barrens\*)
104. *Rhododendron yunnanense* Franch. (DE, Greifswald, HBU, 1984)
105. *Tripetaleia paniculata* Siebold & Zucc. (JP, Sendai, HBU, 1982)
106. *Zenobia pulverulenta* (W.Bartram ex Willd.) Pollard (NL, Niewkerken Waass, Arb Waasland, 1997)

## FABACEAE

107. *Colutea istria* Mill. (UA, Chernovtsy, HBU, 1982)
108. *Colutea* × *media* Willd. (LT, Vaišvydava, Arb Dubrava, 1971)
109. *Desmodium canadense* (L.) DC. (DE, Bayreuth, HB Ecol, 2010)
110. *Genista tinctoria* L. (LV, Salaspils, HB Nat, 1973)
111. *Lespedeza bicolor* Turcz. (LV, Salaspils, HB Nat, 2007: JP, Kyoto, Takeda, HB, 1964)
112. *Petteria ramentacea* (Sieber) C.Presl (CH, Chàmbésy/Genève, HB, 1980)

## HAMAMELIDACEAE

113. *Hamamelis virginiana* L. (PL, Wrocław, HBU, 1965)

## LAMIACEAE

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

## MAGNOLIACEAE

116. *Magnolia kobus* DC. (LV, Jaunkalsnava, Arb Kalsnava, 1993)  
117. *Magnolia stellata* (Siebold & Zucc.) Maxim. (RU, Kaliningrad, HBU, 1977)

## MYRICACEAE

118. *Myrica pensylvanica* Lois. (US, Northampton, HB Smith College, 1960)

## OLEACEAE

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

## RANUNCULACEAE

120. *Clematis paniculata* J.F.Gmel. (HU, Vácrátót, HBA, 1985)

## RHAMNACEAE

121. *Ceanothus americanus* L. (AT, Wien, HBU, 1999)  
122. *Frangula alnus* Mill. (RU, Novosibirsk, HB Centr Sib, 1991: in vicinis Akademgorodok\*)  
123. *Rhamnus dahuricus* Pall. (RU, Oriens Extremus, prov. Primorskij, in vicinis Okeanskaja\*, 1961)  
124. *Rhamnus dahuricus* Pall. (CN, Shenyang, Arb, 2004)  
125. *Rhamnus shozyoensis* Nakai (FR, Verrières-le-Buisson, Vilmorin, 1961)

## ROSACEAE

126. *Aronia melanocarpa* (Michx.) Elliott (US, Chanhassen, Arb U, 2002)  
127. *Cerasus maximowiczii* (Rupr.) Kom. (RU, Oriens Extremus, prov. Primorskij, reserv. Kedrovaja Padj\*, 1969)  
128. *Cerasus maximowiczii* (Rupr.) Kom. (RU, Oriens Extremus, ins. Kurilenses, Iturup, Kurilsk\*, 1977)  
129. *Cotoneaster cochleatus* (Franch.) Klotz (CH, Champex-Lac, H Alp, 1989)  
130. *Cotoneaster divaricatus* Rehder & Wils. (SE, Gotland\*, in silva, 2009)  
131. *Cotoneaster orientalis* A.Kern. (LV, distr. Ludza, Grebļukalns\*, 1971)  
132. *Crataegus atrofusca* Steven ex Fisch. & C.A.Mey. (UA, Jalta, HB Nikitensis, 1976)  
133. *Exochorda giraldii* (HU, Szombathely, Arb Kámon, 1983)  
134. *Exochorda ×macrantha* 'The Bride' (LV, Salaspils, HB Nat, 1991: NL, Boskoop, Research St, 1987)  
135. *Exochorda serratifolia* S.Moore (CN, Peking, HBA, 1981)  
136. *Laurocerasus officinalis* Roem. (DE, Hamburg, Neuer HBU, 2000)  
137. *Laurocerasus officinalis* 'Schipkaensis' (DE, Berlin, Arb Berolin, 2003)  
138. *Micromeles alnifolia* (Siebold & Zucc.) Koehne (RU, Oriens Extremus, prov. Primorskij, distr. Hassanensis, reserv. Kedrovaja Padj, fontes Zolotoj Kljucz\*, 1983)



139. *Padus × lauchearia* C.K.Schneid. (LT, distr. Ignalina, Kazokine, 1980)
140. *Padus serotina* Borkh. (RO, Transcarpates, Bustino\*, 1972)
141. *Padus ssiori* C.K.Schneid. (EE, Tallinn, HBA, 1994)
142. *Padus virginiana* (L.) M.J.Roem. var. *virginiana* (RU, Mosqua, HBP, 1978: US, Rocky Mount., Colo, Wyo\*)
143. *Padus virginiana* (L.) M.J.Roem. var. *demissa* C.K.Schneid. (CA, Vancouver, HBU, 1976: Fairmont Hot Springs, B.C.\*)
144. *Photinia villosa* (Thunb.) DC. (LV, distr. Engure, Arb Lāčupe, 2010)
145. *Photinia villosa* (Thunb.) DC. (PL, Kórnik, Arb, 1961)
146. *Photinia villosa* (Thunb.) DC. (UA, Kyiv, HBA, 1959)
147. *Prunus stepposa* Kotov (UA, Donetzk, HBA, 1978: reg. Voroshilovgradensis, distr. Luganskensis, reserv. Strelcovaja stepj\*)
148. *Rhodotypos scandens* (Thunb.) Makino (LV, Rīga, HBU, 2003)
149. *Rhodotypos scandens* (Thunb.) Makino (US, New York, Bronx HB, 1972)
150. *Rosa sherardii* Davies (LV, distr. Dagda, Dagda\*, 1981)
151. *Rosa villosa* L. (DE, Düsseldorf, HBU, 2010)
152. *Rosa villosa* L. (HU, Budapest, Hardy Plant Soc, 2009, sub syn. *Rosa sancti-andreae* Degen & Trautm.)
153. *Sibiraea altaiensis* (Laxm.) C.K.Schneid. (RU, Barnaul, HBU Altaiensis, 2003: Altay territory, distr. Krasnotschevoskyi, Tigirek Mt. ridge\*)
154. *Sorbus anglica* Hedl. (GB, Liverpool, HB, 1986: Avon, Leigh Woods\*)
155. *Sorbus aria* (L.) Crantz (AT, Salzburg, HBU, 1986: DE, Bayern, Bad Reichenhall, Hallthurn, Mottkopf\*, s.m. 1300m)
156. *Sorbus bristoliensis* Wilmott (GB, Liverpool, HB, 1986: Avon, Avon Gorge\*)
157. *Sorbus chamaemespilus* (L.) Crantz (AT, Salzburg, HBU, 1988: Salzburg, Strobl SW, Bleckwand SW\*, s.m. 1410m)
158. *Sorbus chamaemespilus* (L.) Crantz var. *sudetica* (Tausch) Wenz. (CH, Champex-Lac, H Alp, 1989)
159. *Sorbus commixta* Hedl. (RU, Oriens Extremus, ins. Sachalin, Juzhnosachalinsk, collis Sovetskaja\*, 1978)
160. *Sorbus danubialis* (Jáv.) Kárpáti (DE, Regensburg, HBU, 1983: Etterzhausen, 12km NW Regensburg\*)
161. *Sorbus decora* (Sarg.) C.K.Schneid. (US, Lisle, Morton Arb, 1963)
162. *Sorbus erubescens* A.Kern. ex Dippel (CH, Champex-Lac, H Alp, 1993)
163. *Sorbus frutescens* McAll.
164. *Sorbus gayeriana* Kárpáti (BE, Kalmthout, Arb, 1985)
165. *Sorbus koehneana* C.K.Schneid. (CZ, Brno, HB & Arb U Agr & Silv, 1986)
166. *Sorbus minima* (Ley) Hedl. (NL, Wageningen, HBU Agr, 1965)
167. *Sorbus mougeotii* Soy.-Will. & Godr. (FR, Besançon, HBU, 1991: mt. Chateleu (Doubs)\*, s.m. 1300m)
168. *Sorbus pohuashanensis* Hedl. (CN, Beijing, HBA, 1987: mt. of NE CN\*)
169. *Sorbus pohuashanensis* Hedl. (SE, Uppsala, HBU, 1978)
170. *Sorbus zolymii* (Soó) Kárpáti (HU, Vácrátót, HBA, 1984)
171. *Stephanandra incisa* Zabel (RU, St-Peterburg, HBA, 1960)

## RUBIACEAE

172. *Cephalanthus occidentalis* L. (CH, Champex-Lac, H Alp, 1987)

## RUTACEAE

173. *Phellodendron japonicum* Maxim. (FR, Paris, Mus Nat Hist, 1983)

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

## SOLANACEAE

175. *Lycium barbarum* L. (PL, Poznań, H Med A, 1966)

## STAPHYLEACEAE

176. *Staphylea bumalda* DC. (SE, Göteborg, HB, 2003)

177. *Staphylea pinnata* L. (RU, Kaliningrad, HBU, 1964)

## STYRACACEAE

178. *Halesia carolina* L. (US, Northampton, HB Smith Coll, 1980)

## ULMACEAE

179. *Celtis caucasica* Willd. (RU, Rostov ad Donum, HBU, 1963)

180. *Celtis glabrata* Spreng. (RU, Soczi, Arb, 1962)

## VACCINIACEAE

181. *Vaccinium erythrocarpum* Michx. (US, Washington, Nat Arb, 1981:  
Pendleton Co, West Virginia\*)

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

## VIBURNACEAE

183. *Viburnum burejaeticum* Regel & Herd. (RU, Vladivostok, HBA, 2003:  
near mt. Litovka\*, s.m. 1279m)

184. *Viburnum lantana* L. (LV, Salaspils, HB Nat)

185. *Viburnum lentago* L. (US, Washington, Nat Arb, 1992)

186. *Viburnum opulus* L. var. *americanum* Aiton (US, East Lansing, HBU  
Mich, 2009: MI, Ingham Co., Leggy Par.\* s.m. 256m)

187. *Viburnum wrightii* Miq. (RU, Dolinsk, St Exper Silv DaINILH, 1987)

188. *Viburnum wrightii* Miq. (LV, Salaspils, HB Nat, 1997: RU, Oriens  
Extremus, ins. Kurilenses, Kunashir\*, 1982)

## VITACEAE

189. *Ampelopsis aconitifolia* Bunge (LV, Salaspils, HB Nat)

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

SEMINA PLANTARUM HERBACEARUM  
Legunt: Irēna Gūtmane, Alfreds Ripa, Līvija Sarja,  
Arnis Seisums, Dagnija Šmite

**MAGNOLIOPHYTA**

**ALLIACEAE**

191. *Allium arceotrichon* Brullo, Pavone & Salmeri (GR, ins. Ikaria, inter Armenistis & Raches\*, 2008)
192. *Allium baissunense* Lipsky (UZ, Pamir-Alai australibus, jugum Baissuntau prope pagum Pulhakim\*, 1998)
193. *Allium bodeanum* Regel (IR, Tehran, NB Nat, 2011)
194. *Allium cristophii* Trautv. (LV, Rīga, HBU, 1985)
195. *Allium dichlamydeum* Greene (US, Tilden, HB, 1998)
196. *Allium fistulosum* L. (LV, distr. Salaspils, Cekule, in horto, 2002)
197. *Allium flavum* L. (CZ, Praha, E.Hanslik, 2000: e MK, Mt. Pilister\*)
198. *Allium frigidum* Boiss. & Heldr. (GR, Peloponnesos, mons Chelmos\*, 2009)
199. *Allium hollandicum* R.M.Fritsch 'Purple Sensation' (NL, De Ree, Holland, 2015)
200. *Allium iliense* Regel subsp. *nuratense* Kamelin (UZ, montibus Nuratau\*, 1998)
201. *Allium karataviense* Regal 'Ivory Queen' (NL, Florex, 2013)
202. *Allium ledebourianum* Schult. & Schult. fil. (LV, Salaspils)
203. *Allium moly* L. 'Jeannine'
204. *Allium nutans* L. (LV, Salaspils, 1973)
205. *Allium platycaule* S.Watson (SE, Göteborg, HB, 1994: US, Oregon\*)
206. *Allium sativum* L. (LV, distr. Salaspils, Cekule, in horto, 2001)
207. *Allium schoenoprasum* L. (LV, Salaspils\*, 1975)
208. *Allium sibthorpiantum* Schult. & Schult. fil. (TR, Bursa, mons Uludag\*, 2005)
209. *Allium unifolium* Kellogg 'Eros' (NL, W. de Goede, 2006)
210. *Gethyum atropurpureum* Phil. (GB, Kew, HB, 1995)
211. *Gilliesia graminea* Lindl. (GB, Kew, HB, 1995)
212. *Ipheion pedunculata* Rav. 'Rolf Fiedler' (DE, Würzburg, HBU, 2009: UY, Maldonado\*)
213. *Ipheion uniflorum* (Graham) Raf. 'Alberto Castilio' (GB, Wisley, RHS, 1995)
214. *Nothoscordum ostenii* Beauverd (UK, Wales "Bryn Collen", J.& J.Archibald, 2004: UY\*)

**AMARYLLIDACEAE**

215. *Galanthus plicatus* M.Bieb. (UA, Tauria\*)
216. *Pancratium maritimum* L. (PT, prope Cabo da Roca\*, 2015)

**APIACEAE**

217. *Angelica archangelica* L. (NL, Amsterdam, HBU, 1978)
218. *Athamanta turbith* (L.) Brot. subsp. *haynaldii* (Borbás & Uechtr.) Tutin (DE, Jena, HBU, 1983)

219. *Carum carvi* L. (LV, Salaspils\*, 1973)  
 220. *Cenolophium denudatum* (Hornem) Tutin (LV, distr. Cēsis, Līgatne\*, 1986)  
 221. *Conium maculatum* L (BH, Sarajevo, HB, 1973)  
 222. *Coriandrum sativum* L. (LV, Salaspils, 1975)  
 223. *Levisticum officinale* W.D.J.Koch (RU, Samara, HBU, 1974)  
 224. *Pastinaca sativa* L.

#### ARACEAE

225. *Arisaema ciliatum* H.Li var. *liubaense* Gusman & Gouda (NL, Utrecht, HB, 1992: CN, Sichuan, Liuba\*, 3600 m)

#### ARALIACEAE

226. *Aralia continentalis* Kitag. (FI, Elimäki, Arb Mustila, 2011)  
 227. *Aralia racemosa* L. (US, Seattle, H Med U, 2008)

#### ASCLEPIADACEAE

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

#### ASPARAGACEAE

229. *Oziroë arida* (Poepp.) Speta (DE, Berlin-Dahlem, HB, 2010: CL, Valparaiso\*, Egli et al. 3108)

#### ASPHODELACEAE

230. *Eremurus fuscus* (O.Fedtsch.) Vved. (KG, prope Bishkek)  
 231. *Eremurus stenophyllus* (Boiss. & Buhse) Baker (UZ, jugum Hissaricum, in valle fl. Tupolang\*, 2002)

#### ASTERACEAE

232. *Antennaria parvifolia* Nutt. (IT, Bormio, H Alp Rezia, 1995)  
 233. *Antennaria plantaginifolia* (L.) Richardson (NL, Wageningen, HBA, 1976)  
 234. *Arnica foliolosa* Nutt. (RU, Mosqua, VILR, 1975)  
 235. *Arnica sachalinensis* (Regel) A.Gray (PL, Kraków, H Plant Med, 1975)  
 236. *Bidens tripartita* L. (LV, Salaspils\*, 1973)  
 237. *Cichorium intybus* L. (LV, Salaspils\*, 1973)  
 238. *Chrysanthemum parthenium* (L.) Bernh. (PL, Kraków, Plant Med, 2004)  
 239. *Echinacea purpurea* (L.) Moench (PL, Lublin, HBU, 2005)  
 240. *Echinops sphaerocephalus* L. (CH, Bern, HBU)  
 241. *Eupatorium cannabinum* L. (PL, Warszawa, HBU, 2008)  
 242. *Gaillardia aristata* Pursh (RO, Macea, Arb HBU, 2011)  
 243. *Inula grandiflora* Willd. (LV, Salaspils, 1954)  
 244. *Rhaponticum carthamoides* (Willd.) Jljjin (RU, Syktyvkar, I Biol, 2011)  
 245. *Tanacetum vulgare* L. (LV, Salaspils\*, 1961)

#### BERBERIDACEAE

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

## BIGNONIACEAE

247. *Incarvillea olgae* Regel (DE, Rabenau, Alp Kleinburgk, 2004)

## BORAGINACEAE

248. *Cynoglossum officinale* L.

249. *Echium vulgare* L. (AT, Graz, HBU, 2015)

## BRASSICACEAE

250. *Alyssum gmelinii* Jord. (DE, Mainz, HBU, 2014)

251. *Aurinia saxatilis* (L.) Desv. (DE, Stuttgart, HBU Hohenheim, 2002)

## CAMPANULACEAE

252. *Campanula persicifolia* L. (DE, Darmstadt, HBTU, 2016)

## CARYOPHYLLACEAE

253. *Dianthus sylvestris* Wulfen (LV, Rīga, pl. Burtnieku 3, in horto, 1994)

254. *Lychnis chalconica* L. (NL, Amsterdam, HBU, 1974)

255. *Saponaria officinalis* L. (LV, Salaspils\*, 1973)

256. *Silene pusilla* Waldst. & Kit. (DE, Braunschweig, HBU, 2014)

257. *Viscaria vulgaris* Bernh.

## COLCHICACEAE

258. *Colchicum autumnale* L. (UA, in montibus Karpati\*, 1962)

259. *Colchicum szovitsii* Fisch. & C.A.Mey. (AM, prope Vardaovit\*, 1990)

260. *Colchicum szovitsii* Fisch. & C.A.Mey. (AZ, Nakhitschevan, jugum Zangezuricum, prope pagum Tivi\*, 1987)

## CRASSULACEAE

261. *Rhodiola rosea* L. (JP, Sapporo, HBU, 2003)

262. *Sedum reflexum* L. var. *reflexum* (PL, Kraków, HBU, 1971)

263. *Sedum reflexum* var. *septangulare* 'Pruinatum' (HU, Budapest, HBU, 1974)

## FABACEAE

264. *Astragalus falcatus* Lam. (EE, Tartu, HBU, 1971)

265. *Astragalus glycyphyllos* L. (RU, Mosqua, VILR, 1973)

266. *Glycine max* 'Brawalla' (RU, St-Peterburg, VIR, 1985)

267. *Glycine max* 'Lutea' (SL, Ljubljana, HBU, 2006)

268. *Glycyrrhiza echinata* L.

269. *Glycyrrhiza glabra* L.

270. *Glycyrrhiza macedonica* Boiss. (CZ, Brno, HPlant Med U, 2009)

271. *Lens culinaris* Medik. (DE, Krefeld, HB, 2007)

272. *Lens nigricans* (M.Bieb.) Godr. (DE, Konstanz, HBU, 2010)

273. *Lupinus angustifolius* L. (DE, Duisburg, HB, 2004)

274. *Lupinus luteus* L. (AT, Innsbruck, HBU, 2008)

275. *Ornithopus sativus* Brot. (DK, Århus, HB, 2004)

### FUMARIACEAE

276. *Dicentra eximia* (Ker Gawl.) Torr. (DE, Ernst Benary, Hann. Münden, 1996)  
277. *Dicentra spectabilis* (L.) Lem. 'Valentine' (LV, „Puķu Lauki”, 2014)

### GESNERIACEAE

278. *Ramonda myconi* (L.) Rchb. (LV, Jelgava, E.Jakabsons, 1979)

### HEMEROCALLIDACEAE

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

### HYACINTHACEAE

281. *Camassia fraseri* Torr.  
282. *Muscari anatolicum* Cowley & Özhatay (TR, Aladaglar, Emli Valley\*, 2007)  
283. *Muscari anatolicum* Cowley & Özhatay (TR, Isparta, near Egirdir\* 2007)  
284. *Muscari armeniacum* Baker 'Heaven' (SE, Göteborg, HB, 2009: RU, distr. Krasnodarsk, prope Galendzhik\*)  
285. *Muscari azureum* Fenzl  
286. *Muscari caucasicum* (Griseb.) Baker (AM, ad septentriones urbem Megri\*, 2009)  
287. *Muscari mirum* Speta (TR, Denizli, prope Chameli\*, 2005)  
288. *Muscari mirum* Speta (TR, Denizli, Dimirli Gecidi\*, 2005)  
289. *Muscari* 'Mount Hood' (NL, C.H. van den Berg B.V., 2009)  
290. *Muscari pallens* (M.Bieb.) Fisch. (LV, J.Rukšāns, 1990: RU, Osethia, prope pagum Holst\*)  
291. *Muscari pseudomuscari* (Boiss. & Buhse) Wendelbo (IR, Elburs, inter Nur et Siabisheh\*, 1998)  
292. *Muscari spreitzenhoferi* (Heldr. ex Osterm.) H.R.Wehrh. (GR, Creta, mons Ida\*, 2008)  
293. *Muscari tenuiflorum* Tausch (SE, Göteborg, HB, 2003: TR, Konya, Derbent\*)  
294. *Muscari tenuiflorum* Tausch (TR, ad occidentem ab opido Rafahye\*, 2004)  
295. *Ornithogalum nutans* L. (TR, inter Elmali et Seki\*, 2005)  
296. *Scilla caucasica* Miscz. (AM, montibus Zangezur\*, 2009)  
297. *Scilla caucasica* Miscz. 'Indra' (LV, A.Seisums, Rīga, 2013)  
298. *Scilla persica* Hausskn. (GB, J. & J.Archibald, „Bryn Collen”, Wales: IR, Kordestan, prope Sanandaj\*, s.m. 1800 m)  
299. *Scilla rosenii* K.Koch (EE, Tallinn, HBU)

### HYDROPHYLLACEAE

300. *Phacelia tanacetifolia* Benth.

## IRIDACEAE

301. *Iris aucheri* (Baker) Sealy (SE, Göteborg, HB, 2007: IQ, inter Ravanduz et Kahlan\*)
302. *Iris bucharica* Foster (TJ, jugum Hissaricum, ad urbem Duschanbe\*, 1991)
303. *Iris bucharica* Foster (TJ, jugum Hissaricum, in valle fl. Karatag\*, 1993)
304. *Romulea bulbocodium* (L.) Sebast & Mauri (SY, Jabal Nusair, 6km a Slunfeh orientalibus\*, 2002)

## LAMIACEAE

305. *Agastache foeniculum* (Pursh) Kuntze
306. *Agastache rugosa* (Fisch. & C.A.May.) Kuntze (RU, Machaczkala, HB Mont, 2014)
307. *Betonica foliosa* Rupr.
308. *Horminum pyrenaicum* L. (DE, Göttingen, HBU, 1976)
309. *Leonurus sibiricus* L. (IT, Pallanza, HB Villa Taranto, 1974)
310. *Leonurus tataricus* L. (RU, Mosqua, VILR, 1974)
311. *Mentha longifolia* (L.) Huds. (DE, Stuttgart, HBU Hohenheim, 2007)
312. *Monarda didyma* L. (RU, Mosqua, HBP, 2004)
313. *Origanum vulgare* L. (LV, Cēsis\*, 1961)
314. *Phlomis russeliana* (Sims) Benth. (LV, Rīga, HBU, 2008)
315. *Prunella grandiflora* (L.) Scholler (SK, Bratislava, HBU, 2007)
316. *Salvia officinalis* L.
317. *Stachys officinalis* (L.) Trevis. (LV, Cēsis\*, 1961)

## LILIACEAE

318. *Fritillaria acmopetala* Boiss. (NL, Van Tubergen, Haarlem, 1980)
319. *Fritillaria caucasica* Adams (AM, mons Aragats\*, 1989)
320. *Fritillaria eduardii* Regel (TJ, jugum Hissaricum, in valle fl. Harangon\*, 1990)
321. *Fritillaria kotschyana* Herb. (IR, jugum Elbursense, "Siabishe", 1998)
322. *Fritillaria michailovskyi* Fomin (TR, Agri Prov, Tenderek Gecidi\*, 2004)
323. *Fritillaria pallidiflora* Schrenk (EE, Tallinn, HBA, 1994: KZ, Dzhungaria Alatau\*)
324. *Fritillaria raddeana* Regel (IR, Golestan, Golestan Forest\*, 1998)
325. *Lilium martagon* L. var. *sanguineopurpureum* Beck
326. *Tulipa sprengeri* Baker

## MALVACEAE

327. *Althaea officinalis* L. (LV, Salaspils, 1962)
328. *Lavatera thuringiaca* L. (PL, Warsawa, HBU, 2008)
329. *Malva alcea* L. (RU, Mosqua, VILR, 1973)

## MELANTHIACEAE

330. *Veratrum album* L. (LV, Salaspils, 1959)
331. *Veratrum album* L. (RU, prope urbem Magadan\*, 1993)
332. *Veratrum nigrum* L. (RU, prope urbem Krasnojarsk\*, 1993)

## ONAGRACEAE

333. *Circaea lutetiana* L. (LV, reserv Slītere\*)

## PAEONIACEAE

334. *Paeonia humilis* Retz. (FR, Besançon, HBU, 2007)

335. *Paeonia humilis* Retz. (SE, Uppsala, HBU, 1972: TR\*)

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

337. *Paeonia tenuifolia* L. (RU, Samara, HBU, 1969)

## PLANTAGINACEAE

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

## POACEAE

339. *Avena sativa* L. (SI, Ljubljana, HBU, 2011)

340. *Helictotrichon sempervirens* 'Pendula' (LV, Rīga, HBU, 1984)

341. *Panicum miliaceum* L. (DE, Ulm, HBU, 2014)

## POLEMONIACEAE

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

## POLYGONACEAE

343. *Fagopyrum esculentum* Moench (DE, Kiel, HBU, 2007)

## PRIMULACEAE

344. *Dodecatheon jeffreyi* Van Houtte (US, Framingham, Gard Woods, 1993)

345. *Dodecatheon meadia* L. (DE, Frankfurt, HB, 2013)

346. *Primula cortusoides* L. (DE, Bielefeld, HB, 2013)

347. *Primula ruprechtii* Kusn. ex Lipsky (AM, mons Majmech\*, 2009)

348. *Primula veris* L. (LV, Salaspils\*, 1975)

## RANUNCULACEAE

349. *Anemone sylvestris* L. (LV, Salaspils)

350. *Aquilegia glandulosa* Fisch. ex Link (RU, Mosqua, VILR, 1975)

351. *Aquilegia vulgaris* 'Nora Barlow' (RO, Cluj-Napoca, HBU Agr, 2008)

352. *Clematis recta* 'Atropurpurea' (RO, București, HBU, 1972)

353. *Delphinium elatum* L. (LV, distr. Ogre, Ogresgals\*, in ripa dextra fl. Daugava, 1983)

354. *Eranthis hyemalis* (L.) Salisb. (LV, Rīga, pl. Burtnieku 3, in horto, 1995)

355. *Hydrastis canadensis* L. (CZ, Brno, H Plant Med U, 2011)

356. *Pulsatilla gayeri* Simonk. (HU, Vácrátót, HBA, 1985)

357. *Pulsatilla* (Hybrid) 'Mrs van der Elst' (SK, Bratislava, HBU, 1978)

358. *Pulsatilla rubra* (Lam.) Delarbre (SE, Södertelje, R.Lorentzson, 2003)

359. *Pulsatilla vulgaris* 'Carminea' (AT, Wien, H Alp im Belvedere, 1986)

360. *Ranunculus acris* L. (LV, Cekule\*, 2003)

361. *Ranunculus lanuginosus* L.

362. *Trollius altaicus* C.A.Mey. (RU, Kirovsk, HBA Arcto-Alp, 1974)



#### ROSACEAE

363. *Filipendula ulmaria* (L.) Maxim. (LV, Salaspils\*, 1973)  
364. *Geum urbanum* L. (LV, Salaspils\*, 1973)

#### RUBIACEAE

365. *Galium boreale* L.  
366. *Galium verum* L. (LV, Salaspils\*, 1974)

#### RUTACEAE

367. *Dictamnus albus* L.

#### SAXIFRAGACEAE

368. *Heuchera cylindrica* Douglas ex Hook. (CA, Edmonton, HBU, 1984)  
369. *Saxifraga paniculata* Mill.

#### SCROPHULARIACEAE

370. *Digitalis lutea* L. (RU, Mosqua, HBP, 1973)  
371. *Verbascum phoenicum* L.  
372. *Veronica charadzeae* Kem.-Nath. (DE, Jena, HBU, 1979)  
373. *Veronica gentianoides* 'Latifolia' (PL, Łodz, H Med, 1966)

### III

#### PARTIS VIVAE ET SEMINA PLANTARUM IN CALDARIIS CULTAE Legunt: Zane Purne, Izolde Keizāne

#### ASCLEPIADACEAE

374. \*\**Ceropegia dichotoma* Haw. (EE, Tallinn, HBA, 1976)  
375. \*\**Ceropegia sandersonii* Decne. ex Hook. fil. (EE, Tallinn, HBA, 1976)  
376. \*\**Sarcostemma viminale* R.Br. (GH, Legon, HBU, 1967)

#### ASTERACEAE

377. \*\**Senecio articulatus* (L.fil) Sch. Bip. (RU, Mosqua, HBU Agr, 1987)  
378. \*\**Senecio citriformis* Rowley (BE, Liège, HBU, 1984)  
379. \*\**Senecio herreianus* Dinter (LV, Rīga, HBU, 1957)  
380. \*\**Senecio jacobsenii* Rowley (EE, Tallinn, HBA, 1966)  
381. \*\**Senecio medley-woodii* Hutch. (EE, Tallinn, HBA, 1988)  
382. \*\**Senecio rowleyanus* Jacobsen (EE, Tallinn, HBA, 1976)  
383. \*\**Senecio serpens* Rowley (LV, Rīga, HBU, 1957)  
384. \*\**Senecio stapeliaeformis* Phillips (DE, Dresden, HBTU, 1980)  
385. \*\**Senecio tropaeolifolius* MacOwan (EE, Tallinn, HBA, 1988)

#### CACTACEAE

386. \*\**Rhipsalis aureziana* (NO, Bergen, HBU, 1981)

387. \*\**Rhipsalis cassutha* Gaertn. (EE, Tallinn, HBA, 1979)  
 388. \*\**Rhipsalis cereuscula* Haw. (DE, Karlsruhe, HBU, 1962)  
 389. \*\**Rhipsalis clavata* F.A.C.Weber (IT, Trana, HB REA, 1986)  
 390. \*\**Rhipsalis cribrata* Lem. (DE, Berlin, Arb Berolin, 1996)  
 391. \*\**Rhipsalis hadrosoma* G.Lindb. (FR, Dijon, HB, 1988)  
 392. \*\**Rhipsalis heptagona* Rauh & Backeb.  
 393. \*\**Rhipsalis heteroclada* Britton & Rose (DE, Berlin, Arb Berolin, 1996)  
 394. \*\**Rhipsalis lumbricoides* (Lem.) Lem. (DE, Wilhelmshaven, HB, 1988)  
 395. \*\**Rhipsalis pachyptera* Pfeiff. (NO, Bergen, HBU, 1973)  
 396. \*\**Rhipsalis penduliflora* N.E.Br. (IT, Trana, HB REA, 1986)  
 397. \*\**Rhipsalis platycarpa* Lem. (NO, Bergen, HBU, 1981)  
 398. \*\**Rhipsalis roseana* A.Berger (DE, Karlsruhe, HBU, 1980)  
 399. \*\**Rhipsalis teres* (Vell.) Steud. (LV, Rīga, HBU, 1958)

#### CAESALPINIACEAE

400. *Cassia laevigata* Willd. (DE, Frankfurt / M., HBU, 2000)

#### CANNACEAE

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

#### COMMELINACEAE

402. \*\**Cyanotis somaliensis* C.B.Clarke (UA, Kyiv, HBA, 1989)

#### CRASSULACEAE

403. \*\**Aeonium castello-paivae* Bolle (EE, Tallinn, HBA, 1989)  
 404. \*\**Aeonium ciliatum* Webb & Berthel. (DE, Krefeld, HB, 2012)  
 405. \*\**Aeonium decorum* Webb ex Bolle (DE, Erlangen, HBU, 1984)  
 406. \*\**Cotyledon tomentosa* Harv. (CH, Zürich, Stadt Sukkulentsammlung, 1987)  
 407. \*\**Crassula arborescens* (Mill.) Willd. (BE, Gent, HBU, 1963)  
 408. \*\**Crassula lactea* Sol. ex Aiton (DE, Karlsruhe, HBU, 1962)  
 409. \*\**Crassula lycopodioides* Lam. var. *lycopodioides* (LV, Rīga, HBU, 1958)  
 410. \*\**Crassula lycopodioides* Lam. var. *pseudolycopodioides* (Dinter & Schinz) E.Walther f. *fragilis* J.A.Huber (NL, Wageningen, I Horticult, 1971)  
 411. \*\**Crassula lycopodioides* Lam. var. *purpusii* Jacobsen (DE, Duisburg, HB, 1963)  
 412. \*\**Crassula lycopodioides* Lam. var. *variegata* Lamb (HU, Vácrtót, HBA, 1966)  
 413. \*\**Crassula lycopodioides* Lam. var. *viridis* Berger (BE, Antwerpen, HB, 1962)  
 414. \*\**Crassula lycopodioides* 'Monstrosa' (DE, Duisburg, HB, 1963)  
 415. \*\**Crassula multicava* Lem. (RO, Cluj-Napoca, HBU Agr, 1967)  
 416. \*\**Crassula nealiana* V.Higgins (NL, Wageningen, I Horticult, 1971)  
 417. \*\**Crassula obliqua* Sol. ex Aiton (LV, Rīga, HBU, 1958)  
 418. \*\**Crassula ovata* 'Gollum'

419. \*\**Crassula ovata* 'Tricolor'
420. \*\**Crassula perforata* Thunb. (DE, München, HB, 1974)
421. \*\**Crassula perforata* 'Giant Pagoda' (NL, Wageningen, I Horticult, 1971)
422. \*\**Crassula portulacea* Lam. (LV, Rīga, HBU, 1958)
423. \*\**Crassula portulacea* 'Blue Bird' (NL, Wageningen, I Horticult, 1971)
424. \*\**Crassula rattrayi* Schönland & Baker fil. (EE, Tallinn, HBA, 1963)
425. \*\**Crassula rupestris* Thunb. (FI, Turku, HBU, 1962)
426. \*\**Crassula sarmentosa* Harv. (LV, Rīga, HBU, 1966)
427. \*\**Crassula spathulata* Thunb. (LV, Rīga, HBU, 1963)
428. \*\**Crassula tetragona* L. (RU, Mosqua, HBP, 1963)
429. \*\**Crassula* 'Tom Thumb' (selection of *C. brevifolia* x *C. marnierana*) (NL, Wageningen, I Horticult, 1972)
430. \*\*x *Cremneria scaphylla* (Deleuil ex Morren) Moran (LV, Rīga, HBU, 1968)
431. \*\**Echeveria bifida* Schlecht. (LV, Rīga, HBU, 1968)
432. \*\**Echeveria sedoides* E.Walther (BE, Liège, HBU, 1982)
433. \*\*x *Graptoperia* 'Calva' (NL, Rotterdam, HZB, 1972)
434. \*\*x *Graptoperia* 'Gilva' (LV, Salaspils, HB Nat, 1995)
435. \*\*x *Graptoperia* 'Titubans' (NL, Rotterdam, HZB, 1972)
436. \*\**Kalanchoë manginii* Raym.-Hamet & J.O.E.Perrier (CH, Basel, HBU, 1978)
437. \*\**Kalanchoë pinnata* (Lam.) Pers. (NL, Rotterdam, HZB, 1997)
438. \*\**Kalanchoë uniflora* (Stapf) Raym.-Hamet (SE, Stockholm, HB, 1997)
439. \*\**Monanthes amygdros* Svent. (EE, Tallinn, HBA, 1979)
440. \*\**Monanthes anagensis* Praeger (BE, Gent, HBU, 1975)
441. \*\**Monanthes polyphylla* Haw. (LV, Rīga, HBU, 1958)
442. \*\**Pachyphytum hookeri* (Salm-Dyck) Berger (RU, St-Peterburg, HBIB, 1968)
443. \*\*x *Pachysedum* sp. (BE, Liège, HBU, 1983)
444. \*\**Sedum allantoides* Rose (LV, Rīga, HBU, 1961)
445. \*\**Sedum burrito* Moran (PL, Wrocław, HBU, 2001)
446. \*\**Sedum clavifolium* Rose (BE, Liège, HBU, 1983)
447. \*\**Sedum dasyphyllum* L. var. *dasyphyllum* (LV, Rīga, HBU, 1958)
448. \*\**Sedum dendroideum* Moç. & Sessé ex DC. subsp. *praealtum* (A.DC.) R.T.Clausen (LV, Rīga, HBU, 1958)
449. \*\* *Sedum dendroideum* subsp. *praealtum* 'Monstrosa' (LV, Salaspils, HB Nat, 2007)
450. \*\**Sedum furfuraceum* Moran (NL, Wageningen, I Horticult, 1979)
451. \*\**Sedum griseum* Praeger (SE, Stockholm, HB, 1964)
452. \*\**Sedum lineare* Thunb. var. *variegatum* Praeger (EE, Tallinn, HBA, 1979)
453. \*\**Sedum luteoviride* T.B.Clausen (BE, Liège, HBU, 1981)
454. \*\**Sedum mexicanum* Britton (EE, Tallinn, HBA, 1963)
455. \*\**Sedum moranense* Humb., Bonpl. & Kunth subsp. *moranense*
456. \*\**Sedum moranense* Humb., Bonpl. & Kunth subsp. *grandiflorum* R.T.Clausen (NL, Wageningen, I Horticult, 1972)
457. \*\**Sedum morganianum* E.Walther (LV, Rīga, HBU, 1964)

458. \*\**Sedum nussbaumerianum* Bitter (LV, Rīga, HBU, 1958)  
 459. \*\**Sedum oaxacanum* Rose (NL, Wageningen, I Horticult, 1971)  
 460. \*\**Sedum pachyphyllum* Rose (LV, Rīga, HBU, 1958)  
 461. \*\**Sedum palmatum* (HU, Pecs, HBU, 1977)  
 462. \*\**Sedum palmeri* S.Watson (LV, Rīga, HBU, 1958)  
 463. \*\**Sedum rubrotinctum* R.T.Clausen (LV, Rīga, HBU, 1958)  
 464. \*\**Sedum rubrotinctum* 'Aurora' (UA, Kyiv, HBU, 1983)  
 465. \*\**Sedum stahlii* Solms (IT, Modena, HBU, 1962)  
 466. \*\**Sedum treleasei* Rose (RU, Mosqua, HBP, 1963)  
 467. \*\**Sinocrassula densirosulata* A.Berger (HU, Szeged, HBU, 2006)  
 468. \*\**Sinocrassula yunnanensis* (Franch.) A.Berger (DE, Tübingen, HBU, 2011)  
 469. \*\**Villadia batesii* (Hemsl.) Baehni & J.F.Macbr. (DE, Göttingen, HBU, 1970)  
 470. \*\**Villadia imbricata* Rose (DE, Göttingen, HBU, 1970)

#### DRACAENACEAE

471. \*\**Sansevieria cylindrica* Bojer ex Hook. (PL, Warszawa, HBU, 1975)  
 472. \*\**Sansevieria grandis* Hook. fil. (EE, Tallinn, HBA, 1966)  
 473. \*\**Sansevieria trifasciata* Prain (LV, Rīga, HBU, 1957)  
 474. \*\**Sansevieria trifasciata* 'Golden Hahnii'  
 475. \*\**Sansevieria trifasciata* 'Hahnii'  
 476. \*\**Sansevieria trifasciata* 'Silver Cloud' (EE, Tallinn, HBA, 1988)

#### LAMIACEAE

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

#### MYRTACEAE

478. *Myrtus communis* L. subsp. *tarentina* (L.) Nyman (IT, Pisa, HBU, 1996)

#### PORTULACACEAE

479. *Talinum paniculatum* (Jacq.) Gaertn. (RO, Iași, HBU, 2011)

#### VITACEAE

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

### SEMINA PLANTARUM IN DIVERSIS LOCIS COLLECTA

Tajikistan

Legunt: Arvīds Barševskis

481. *Crataegus pontica* K.Koch (distr.Varzob, Hoja Obi Gharm, s.m. 2200m)

Latvia

Legunt: Ināra Bondare (**IB**), Inese Graudiņa (**IG**), Daina Roze (**DR**), Linda Strode (**LS**), Andrejs Svilāns (**AS**), Dagnija Šmite (**DŠ**), Brigita Javoiša (**BJ**)

482. *Angelica archangelica* L. (**DŠ**, Rīga, Vecdaugava\*)
483. *Angelica palustris* (Besser) Hoffm. (**DŠ**, Salacgrīva\*)
484. *Arctostaphylos uva-ursi* (L.) Spreng. (**LS, IG, DR, BJ, AS**, distr. Ventspils, Staldzene\*)
485. *Arisaema ciliatum* H.Li (**IB**, distr. Liepāja, Rucava, Arb)
486. *Berberis vulgaris* L. (**LS**, Kandava, Čužu purvs\*)
487. ×*Cerapadus mitchurinii* (*Cerasus vulgaris*×*Padus avium*) (**IB**, distr. Liepāja, Rucava, Arb)
488. *Chaerophyllum aromaticum* L. (**AS, LS, IG**, distr. Bauska, Bornsminde, in ripa fl. Lielupe\*)
489. *Cichorium intybus* L. (**AS, LS, IG**, distr. Bauska, Jumprava, in ripa fl. Lielupe\*)
490. *Cirsium oleraceum* Scop. (**LS, DR**, distr. Rīga, reserv. Lielie Kangari\*)
491. *Convallaria majalis* L. (**LS, IG, DR, AS**, distr. Ventspils, Staldzene\*)
492. *Cornus sanguinea* (L.) Opiz (**LS, DR, DŠ**, distr. Sala, Vecsēlpils, ad ripam fl. Daugava\*)
493. *Crataegus* × *dunensis* Cin. (**LS, DR, DŠ**, distr. Sala, Vecsēlpils, ad ripam fl. Daugava\*)
494. *Crataegus plagiosepala* Pojark. (**AS, LS, IG**, distr. Bauska, Ziedoņi (Bornsminde), in ripa fl. Lielupe\*)
495. *Dianthus arenarius* L. (**LS, IG, DR**, distr. Ventspils, Staldzene, Kokkalns\*)
496. *Empetrum nigrum* L. (**LS, IG, DR, AS**, distr. Ventspils, Staldzene\*)
497. *Euonymus europaeus* L. (**LS, DR, DŠ**, distr. Amata, Nītaure, in silva\*)
498. *Euonymus verrucosus* Scop. (**AS, LS, IG**, distr. Bauska, Bornsminde, in ripa fl. Lielupe\*)
499. *Frangula alnus* Mill. (**DR, LS**, distr. Engure, ad lacum Kaņieris\*)
500. *Juniperus communis* L. (**LS, IG, DR, AS**, distr. Ventspils, Staldzene, Kokkalns\*)
501. *Lonicera caerulea* L. subsp. *pallasii* (Ledeb.) Browicz (**LS, IG, DR, BJ, AS**, distr. Ventspils, Staldzene\*)
502. *Lonicera xylosteum* L. (**LS, IG, DR, AS**, distr. Ventspils, Staldzene, Kokkalns, in silva\*)
503. *Orthilia secunda* (L.) House (**LS, IG, DR, BJ, AS**, distr. Ventspils, Staldzene\*, in silva)
504. *Petteria ramentacea* (Sieber) C.Presl (**IB**, distr. Liepāja, Rucava, Arb)
505. *Peucedanum oreoselinum* (L.) Moench (**DŠ**, Koknese\*)
506. *Pinus armandii* Franch. (**IB**, distr. Liepāja, Rucava, Arb)
507. *Rhamnus cathartica* L. (**AS, LS, IB**, distr. Bauska, Bornsminde\*)
508. *Ribes alpinum* L. (**LS, IG, DR, AS**, distr. Ventspils, Staldzene, in silva\*)
509. *Solanum dulcamara* L. (**DR, LS**, distr. Auce, Lielaucē, in silva\*)
510. *Seseli libanotis* (L.) W.D.J.Koch (**DŠ**, Koknese\*)
511. *Sium latifolium* L. (**DŠ**, Salacgrīva\*)
512. *Solidago virgaurea* L. (**LS, IG, DR, AS**, distr. Ventspils, Staldzene, Kokkalns\*)
513. *Sorbus aucuparia* L. (**LS, IG, DR, BJ, AS**, distr. Ventspils, Staldzene\*)
514. *Sorbus prattii* Koehne (**IB**, distr. Liepāja, Rucava, Arb)

515. *Veronica teucrium* L. (**DŠ**, Koknese\*)

516. *Vincetoxicum hirundinaria* Medik. (**AS, LS, IG**, distr. Bauska, Jumprava,  
in ripa fl. Lielupe\*)

*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.*

*Būsim 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: [seklas@nbd.gov.lv](mailto:seklas@nbd.gov.lv); [anita.roze@nbd.gov.lv](mailto:anita.roze@nbd.gov.lv)

Please send your requests before **May, 30<sup>th</sup>, 2017**.

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



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**Index Seminum LXI (61)**

Your address :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_


Substituents:


Is a Phytosanitary Certificate necessary ?

**YES**

**NO**