

Russian Academy of Sciences
Far Eastern Branch



INDEX SEMINUM

Botanical Garden-Institute

2017



Cypripedium
x ventricosum Sw.

142, Makovskii Str., Vladivostok, Russia, 2017
E-mail: indexseminum@yandex.ru
www.botsad.ru

Geographical position:

Lat.: 43°13'27"N

Long.: 131°59'36"E

Climate:

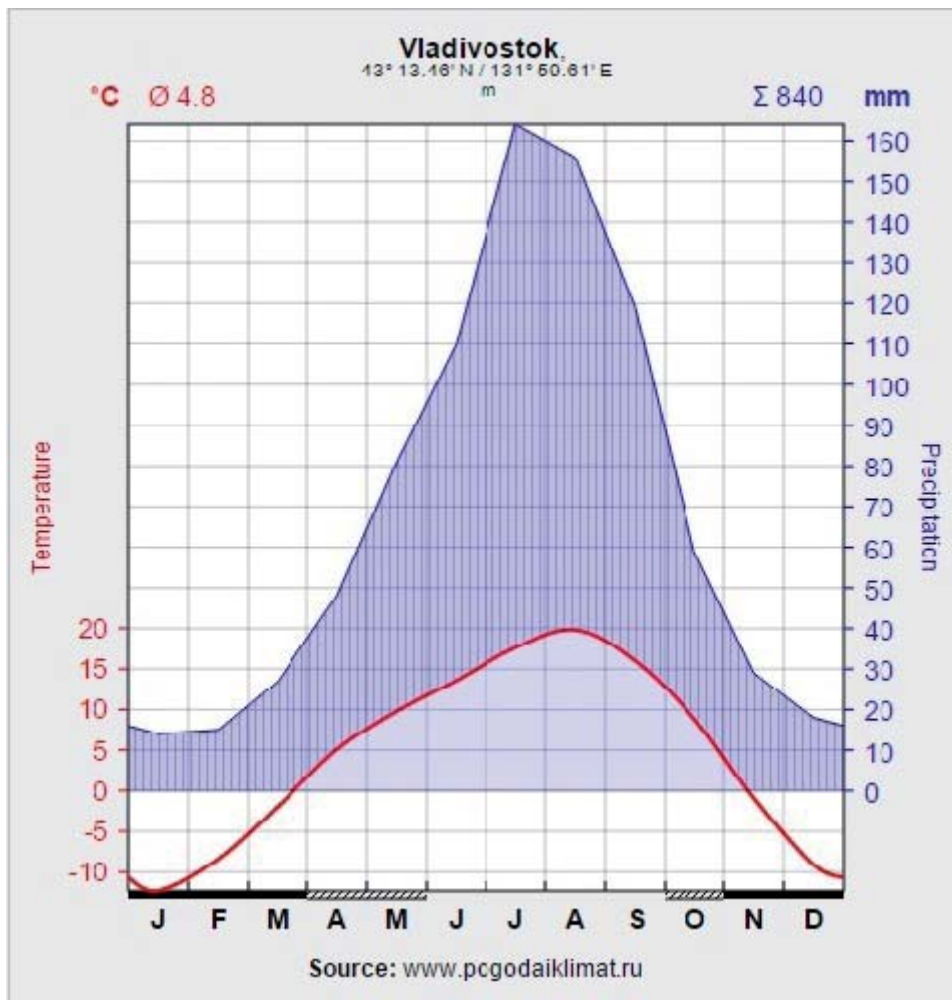
Annual temperature average: 4.9°C

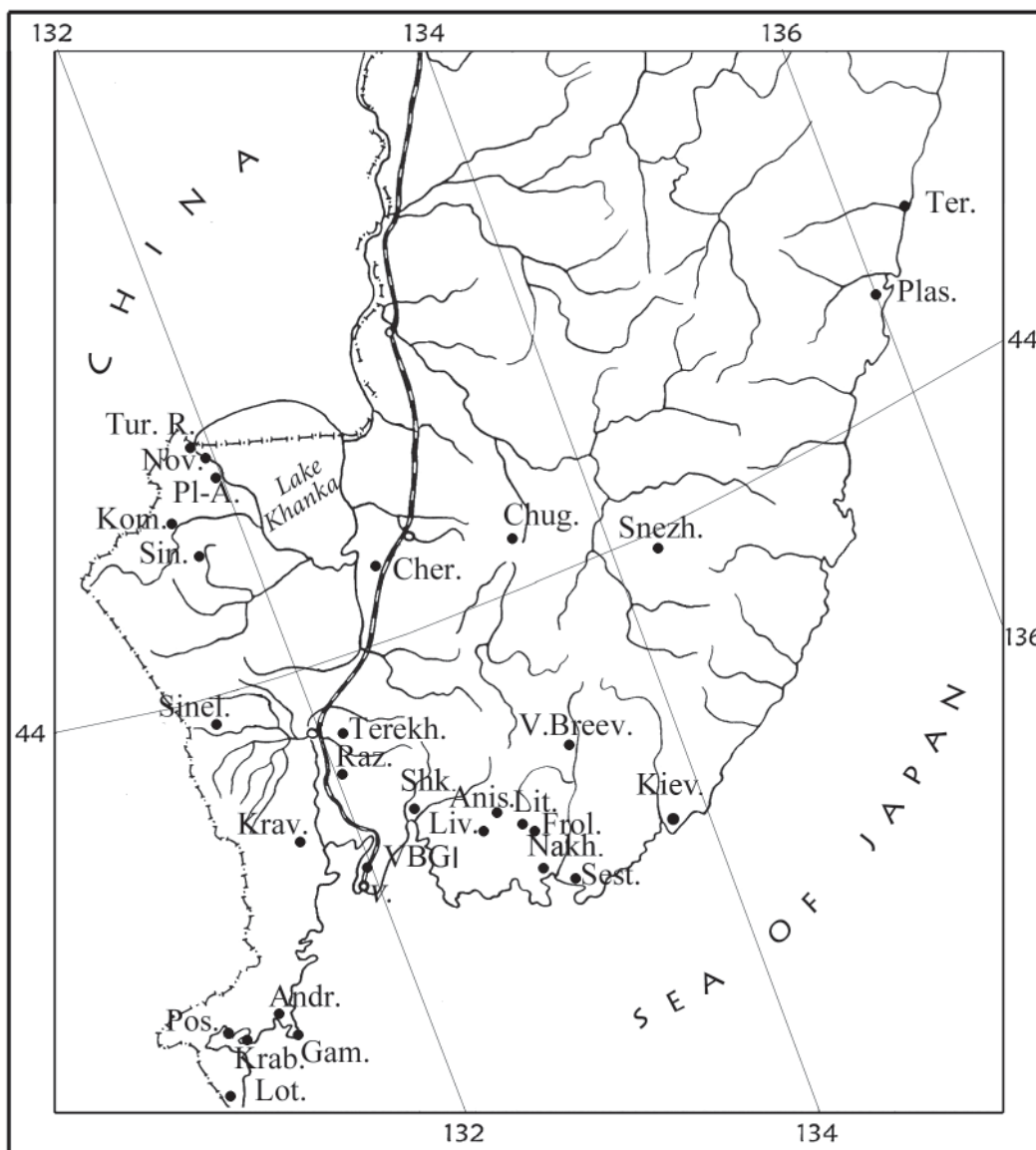
Highest annual temperature: 33.6°C

Lowest annual temperature: -31.6°C

Annual precipitation average: 840 mm

Annual air humidity average: 71%





- VBGi - Botanical Garden-Institute
 V. - near the Vladivostok
 Anis. - near the Anisimovka settlement, Shkotovskiy district
 Andr. - near the Andreevka settlement, Khasanskiy district
 V. Breev. - near the Verhnaya Breevka settlement, Chuguevskiy district
 Cher. - near the Chernigovka settlement, Chernigovskiy district
 Chern. - near the Chernyatino settlement, Oktyabrskiy district
 Chug. - near the Chuguevka settlement, Chuguevskiy district
 Gam. - near Gamov peninsula, Khasanskiy district
 Kiev. - near the Kievka settlement, Lazovskiy district
 Kom. - near the Komissarovo settlement, Khankayskiy district
 Krab. - near the Krabbe peninsula, Khasanskiy district
 Krav. - near the Kravtsovka settlement, Khasanskiy district
 Liv. - Mount Livadiyskaya (1332 m), Shkotovskiy district
 Lit. - Mount Litovka (1279 m), Shkotovskiy district
 Lot. - near the Lake Lotos, Khankayskiy district
 Nadezh. - Nadezhdinskij district
 Nakh. - near the Nakhodka city
 Nov. - near the Novokachalinsk settlement, Khankayskiy district
 Plas. - near the Plastun settlement, Terneiskiy district
 Pl.-A. - near the Platonovo-Aleksandrovscoe settlement, Khankayskiy district
 Pos. - near the Posyet settlement, Khasanskiy district
 Raz. - near the Razdolnoe settlement, Nadezhdinskij district
 Rus. - Russkiy Island
 Sest. - Mount Sestra (318 m), Partizanskiy district
 Shk. - near the Shkotovo settlement, Shkotovskiy district
 Sin. - Mount Sinyaya (781 m), Khankayskiy district
 Snel. - near the Snelnikovo settlement, Oktyabrskiy district
 Snezh. - Mount Snezhnaya (1682 m), Chuguevskiy district
 Ter. - near the Terney settlement, Terneiskiy district
 Terekh. - near the Terekhovka settlement, Nadezhdinskij district
 Tur. R. - near the Turiy Rog settlement, Khankayskiy district

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Seeds collected from plants cultivated in the Botanical Garden Institute
and from the wild in the Primorsky krai.

The names of the plants are given in accordance with: The Plant List
(<http://www.theplantlist.org/> 29.12.2016).

* - species listed as unresolved in The Plant List.

GYMNOSPERMAE

GINKGOACEAE

1. *Ginkgo biloba* L. **VBGI**

CUPRESSACEAE

2. *Chamaecyparis pisifera* (Siebold & Zucc.) Endl. **VBGI**
3. *Chamaecyparis pisifera* (Siebold & Zucc.) Endl. «Plumosa» **VBGI**
4. *Juniperus chinensis* var. *sargentii* A. Henry (syn. *Juniperus sargentii* (A. Henry) Takeda ex Nakai) **VBGI 2015**
5. *Juniperus rigida* Siebold & Zucc. **Sin.**
6. *Microbiota decussata* Kom. **Lit.**
7. *Platycladus orientalis* (L.) Franco. **VBGI 2015**
8. *Platycladus orientalis* (L.) Franco. **VBGI**
9. *Thuja koraiensis* Nakai **VBGI**
10. *Thuja occidentalis* L. **VBGI**

PINACEAE

11. *Abies holophylla* Maxim. **VBGI**
12. *Picea jezoensis* Siebold & Zucc. (syn. *Picea ajanensis* Fisch. ex Carriere) **VBGI**
13. *Pinus densiflora* Siebold & Zucc. **Pl.-A.**
14. *Pinus densiflora* Siebold & Zucc. **VBGI**
15. *Pinus koraiensis* Siebold & Zucc. **Lit. 2015**
16. *Pinus koraiensis* Siebold & Zucc. **V.**
17. *Pinus mugo* Turra **VBGI**

TAXACEAE

18. *Taxus cuspidata* Siebold & Zucc. **VBGI 2015**
19. *Taxus cuspidata* Siebold & Zucc. **VBGI**

ANGIOSPERMAE

ACTINIDIACEAE

20. *Actinidia arguta* (Siebold & Zucc.) Planch. ex Miq. **V.**
21. *Actinidia arguta* (Siebold & Zucc.) Planch. ex Miq. (syn. *Actinidia arguta* var. *giraldii* (Diels) Vorosch.) **VBGI**
22. *Actinidia kolomikta* (Maxim. & Rupr.) Maxim. **Lit.**
23. *Actinidia polygama* (Siebold & Zucc.) Maxim. **VBGI**
24. *Actinidia polygama* (Siebold & Zucc.) Maxim. **Lit.**

ADOXACEAE

25. *Sambucus nigra* L. f. *aurea* **VBGI**
26. *Viburnum burejaeticum* Regel & Herd. **VBGI 2015**
27. *Viburnum burejaeticum* Regel & Herd. **VBGI**
28. *Viburnum sargentii* Koehne **Tur. R.**
29. *Viburnum sargentii* Koehne **V.**

ALISMACEAE

30. *Alisma plantago-aquatica* subsp. *orientale* (Sam.) Sam. (syn. *Alisma orientale* (Sam.) Juz.) **Pl.-A.**

AMARYLLIDACEAE

31. *Allium ochotense* Prokh. **V.**
32. *Allium sacculiferum* Maxim. (syn. *Allium komarovianum* Vved.) **Pl.-A.**
33. *Allium schoenoprasum* L. **Pl.-A.**
34. *Allium senescens* L. **VBGI**

APIACEAE

35. *Angelica amurensis* Schischk. **Ter. 2014**
36. *Angelica gmelinii* (DC.) Pimenov **Kiev. 2015**
37. *Angelica miqueliana* Maxim. **Andr.**
38. *Bupleurum longiradiatum* Turcz. **Lit.**
39. *Bupleurum longiradiatum* Turcz. **Pl.-A.**
40. *Cnidium davuricum* (Jacq.) Fisch. & C.A. Mey. **Shk. 2015**
41. *Conioselinum smithii* (H. Wolff) Pimenov & Kljuykov (syn. *Conioselinum jeholense* (Nakai & Kitag.) Pimen) **VBGI**
42. *Cryptotaenia japonica* Hassk. **VBGI**
43. *Glehnia littoralis* F. Schmidt ex Miq. **Plas. 2014**
44. *Libanotis seseloides* (Fisch. & C. A. Mey. ex Turcz.) Turcz. (syn. *Seseli seseloides* (Fisch. & C. A. Mey. ex Turcz.) Hiroe) **Pl.-A.**
45. *Sanicula chinensis* Bunge **Anis. 2015**
46. *Sium suave* Walter **Pl.-A.**
47. *Saposhnikovia divaricata* (Turcz.) Schischk. **Kom.**
48. *Pimpinella calycina* Maxim. (syn. *Spuriopimpinella calycina* (Maxim.) Kitag.) **Lit.**

ARACEAE

49. *Arisaema amurense* Maxim. **Pl.-A.**
50. *Arisaema amurense* Maxim. **VBGI**
51. *Arisaema amurense* Maxim. (syn. *Arisaema robustum* (Engl.) Nakai) **V.**
52. *Arisaema amurense* Maxim. (syn. *Arisaema komarovii* Tzvelev) **Rus.**
53. *Arisaema serratum* (Thunb.) Schott (syn. *Arisaema peninsulae* Nakai) **Krab.**

ARALIACEAE

54. *Aralia continentalis* Kitag. **VBGI**
55. *Eleutherococcus senticosus* (Rupr. & Maxim.) Maxim. **Lit.**
56. *Oplopanax elatus* (Nakai) Nakai. (syn. *Echinopanax elatus* Nakai) **Lit.**

ARISTOLOCHIACEAE

57. *Aristolochia manshuriensis* Kom. **VBGI**

ASPARAGACEAE

58. *Asparagus oligoclonos* Maxim. **Kom.**
59. *Asparagus schoberioides* Kunth **Pos. 2015**
60. *Convallaria keiskei* Miq. **Kom.**
61. *Hosta capitata* (Koidz) Nakai **VBGI 2015**
62. *Hosta rectifolia* Nakai **VBGI 2015**
63. *Hosta rectifolia* Nakai **VBGI**
64. *Hosta rectifolia* Nakai (syn. *Hosta rectifolia* f. *albiflora* (Tatew.) F. Maek.) **VBGI**
65. *Maianthemum bifolium* (L.) F.W. Schmidt **Liv.**
66. *Maianthemum bifolium* (L.) F.W. Schmidt **VBGI**
67. *Maianthemum japonicum* (A.Gray) LaFrankie (syn. *Smilacina hirta* Maxim.) **Pl.-A.**
68. *Maianthemum japonicum* (A.Gray) LaFrankie (syn. *Smilacina hirta* Maxim.) **V.**
69. *Ornithogalum candicans* (Baker) J.C. Manning & Goldblatt. (syn. *Galtonia candicans* (Baker) Decne.) **VBGI**
70. *Polygonatum odoratum* (Mill.) Druce **VBGI**
71. *Polygonatum odoratum* (Mill.) Druce **Kom.**

BERBERIDACEAE

72. *Berberis amurensis* Rupr. **VBGI 2015**
73. *Berberis amurensis* Rupr. **Liv.**
74. *Caulophyllum robustum* Maxim. **VBGI**
75. *Caulophyllum robustum* Maxim. **Krav. 2015**
76. *Caulophyllum robustum* Maxim. **Gam. 2015**
77. *Caulophyllum robustum* Maxim. **V.**
78. *Caulophyllum robustum* Maxim. **VBGI**

BETULACEAE

79. *Betula lanata* (Regel) V. N. Vassil. **VBGI**

- 80. *Betula schmidtii* Regel **VBGI**
- 81. *Betula schmidtii* Regel **Gam.**
- 82. *Carpinus cordata* Blume **VBGI**

BIGNONIACEAE

- 83. *Catalpa bignonioides* Walter **VBGI**
- 84. *Catalpa macrocarpa* (A.Rich.) Ekman ex Urb. (syn. *Catalpa obovata* Urb.) **VBGI**

CAMPANULACEAE

- 85. *Campanula punctata* Lam. **Lit.**
- 86. *Campanula punctata* Lam. **Tur. R.**
- 87. *Codonopsis lanceolata* (Siebold & Zucc.) Benth. & Hook.f. ex Trautv. **Pl.-A.**
- 88. *Codonopsis lanceolata* (Siebold & Zucc.) Benth. & Hook.f. ex Trautv. **VBGI**
- 89. *Platycodon grandiflorus* (Jacq.) A. DC. **Kom.**
- 90. *Platycodon grandiflorus* (Jacq.) A. DC. **VBGI**

CAPRIFOLIACEAE

- 91. *Lonicera ferdinandii* Franch. **VBGI 2015**
- 92. *Lonicera ruprechtiana* Regel **Pl.-A.**

CARYOPHYLLACEAE

- 93. *Patrinia rupestris* (Pall.) DuRoi. **Pl.-A.**
- 94. *Scabiosa comosa* Fisch. ex Roem. & Schult. (syn. *Scabiosa lachnophylla* Kitag.) **VBGI**

CELASTRACEAE

- 95. *Celastrus flagellaris* Rupr. **VBGI 2015**
- 96. *Celastrus orbiculatus* Thunb. **VBGI 2015**
- 97. *Euonymus alatus* (Thunb.) Siebold **VBGI**
- 98. *Euonymus maximowiczianus* (Prokh.) Vorosch. **VBGI 2015**
- 99. *Euonymus maximowiczianus* (Prokh.) Vorosch. **VBGI**
- 100. *Euonymus verrucosus* Scop. (syn. *Euonymus pauciflorus* Maxim.) **V.**
- 101. *Tripterygium wilfordii* Hook. f. (syn. *Tripterygium regelii* Sprague & Takeda) **VBGI 2015**
- 102. *Tripterygium wilfordii* Hook. f. (syn. *Tripterygium regelii* Sprague & Takeda) **VBGI**

CERCIDIPHYLLACEAE

- 103. *Cercidiphyllum japonicum* Siebold & Zucc. ex J. J. Hoffm. & J. H. Schult. **bis VBGI**

COLCHICACEAE

- 104. *Disporum viridescens* (Maxim.) Nakai **VBGI**

COMPOSITAE

105. *Artemisia gmelinii* Weber ex Stechm. **Ter. 2015**
106. *Artemisia stelleriana* Besser **Snezh. 2015**
107. *Artemisia stelleriana* Besser **VBGI**
108. *Aster hispidus* Thunb. (syn. *Heteropappus saxomarinus* Kom.) **VBGI**
109. *Aster tataricus* L.f. **Gam. 2015**
110. *Aster spathulifolius* Maxim. (syn. *Erigeron oharae* (Nakai) Botsch.) **VBGI**
111. *Atractylodes ovata* (Thunb.) DC. **Sest.**
112. *Eupatorium lindleyanum* DC. **Pl.-A.**
113. *Hololeion maximowiczii* Kitam. **Lot. 2015**
114. *Hypochaeris ciliata* (Thunb.) Makino. (syn. *Trommsdorffia ciliata* (Thunb.) Soják)
115. *Leontopodium palibinianum* Beauverd **Ter. 2015**
116. *Ligularia fischeri* (Ledeb.) Turcz. **Sin.**
117. *Ligularia fischeri* (Ledeb.) Turcz. **Ter. 2015**
118. *Ligularia schmidtii* (Maxim.) Makino **Krab.**
119. *Ligularia sibirica* (L.) Cass. **Ter. 2015**
120. *Parasenecio hastatus* (L.) H. Koyama (syn. *Cacalia hastata* L.) **Ter. 2014**
121. *Syneilesis aconitifolia* (Bunge) Maxim. **Kom**
122. *Turczaninowia fastigiata* (Fisch.) DC. **Pos. 2015**

CRASSULACEAE

123. *Orostachys maximowiczii* V.V. Byalt (Novosti Sist. Vyssh. Rast. 32: 44, 2000) **Krab. ***
124. *Sedum aizoon* L. **Tur. R.**
125. *Sedum viviparum* Maxim. **V.**

CYPERACEAE

126. *Cyperus glomeratus* L. **Pl.-A.**
127. *Cyperus orthostachyus* Franch. & Sav. **Pl.-A.**

EPHEDRACEAE

128. *Ephedra monosperma* J. G. Gmel. ex C. A. Mey. **Kiev.**

ERICACEAE

129. *Azalea poukhanensis* (H. Lév.) Olmsted, Coville & H.P.Kelsey (syn. *Rhododendron poukhanense* H. Lév.) (Standard. Pl. Names 27 1923) **VBGI ***
130. *Pyrola rotundifolia* L. **Lit.**
131. *Rhododendron mucronulatum* Turcz. **VBGI**
132. *Rhododendron japonicum* C. K. Schneid. **VBGI**
133. *Rhododendron schlippenbachii* Maxim. **VBGI 2015**
134. *Rhododendron schlippenbachii* Maxim. **VBGI**
135. *Rhododendron schlippenbachii* Maxim. **Gam. 2015**
136. *Vaccinium vitis-idaea* L. **Lit.**

HYDRANGEACEAE

137. *Deutzia parviflora* var. *amurensis* Regel (syn. *Deutzia amurensis* (Regel) Airy Shaw) **Pl.-A.**

HYPERICACEAE

138. *Hypericum ascyron* L. **Lit.**
139. *Hypericum ascyron* L. **Chern.**
140. *Hypericum ascyron* L. **VBGI**

GENTIANACEAE

141. *Gentiana scabra* Bunge **VBGI**

GROSSULACEAE

142. *Ribes komarovii* Pojark. **VBGI**
143. *Ribes maximowiczianum* Kom. **VBGI**

IRIDACEAE

144. *Iris brevicaulis* Raf. **VBGI**
145. *Iris ensata* Thunb. **Raz. 2015**
146. *Iris ensata* Thunb. **Kiev. 2015**
147. *Iris ensata* Thunb. **Pl.-A.**
148. *Iris ensata* Thunb. «Poklon L. M. Eremenko» **VBGI 2015**
149. *Iris ensata* Thunb. **Terekh.**
150. *Iris ensata* Thunb. **V.**
151. *Iris ensata* Thunb. **Raz.**
152. *Iris halophila* Pall. **VBGI**
153. *Iris laevigata* Fisch. **VBGI**
154. *Iris oxypetala* Bunge **VBGI 2015**
155. *Iris oxypetala* Bunge **Pos. 2015**
156. *Iris pseudacorus* L. **VBGI 2015**
157. *Iris pseudacorus* L. «Beuron» **VBGI 2015**
158. *Iris pseudacorus* L. «Beuron» **VBGI**
159. *Iris robusta* E. S. Anderson «Gerald Darby» **VBGI**
160. *Iris sanguinea* Donn ex Hornem. **V.**
161. *Iris setosa* Pall. ex Link **VBGI 2015**
162. *Iris setosa* Pall. ex Link **VBGI**
163. *Iris setosa* Pall. ex Link **Ter. 2015**
164. *Sisyrinchium angustifolium* Mill **VBGI 2015**

LEGUMINOSAE

165. *Glycyrrhiza pallidiflora* Maxim. **VBGI**
166. *Lathyrus davidii* Hance **Nakh. 2015**
167. *Lespedeza bicolor* Turcz. **Pl.-A. 2015**
168. *Lespedeza cyrtobotria* Miq. **Lot. 2015**
169. *Lespedeza tomentosa* (Thunb.) Maxim. **VBGI**

170. *Sophora flavescens* Aiton **VBGI 2015**
171. *Sophora flavescens* Aiton **VBGI**
172. *Thermopsis lupinoides* (L.) Link **VBGI**
173. *Vicia amurensis* Oett. **Kom.**

LILIACEAE

174. *Clintonia udensis* Trautv. & C.A. Mey. **Liv.**
175. *Lilium callosum* Siebold et Zucc. **Pl.-A.**
176. *Lilium distichum* Nakai ex Kamib. **Pl.-A.**
177. *Lilium distichum* Nakai ex Kamib. **V.**
178. *Lilium pumilum* Delile **Pl.-A.**
179. *Lilium pumilum* Delile **V. Breev.**

LINACEAE

180. *Linum amurense* Alef. **Kiev.**
181. *Linum stelleroides* Planch. **Kom.**

MALVACEAE

182. *Tilia mandshurica* Rupr. & Maxim. **VBGI**

MAGNOLIACEAE

183. *Magnolia kobus* DC. **VBGI**
184. *Magnolia kobus* DC. (syn. *Magnolia kobus* var. *borealis* Sarg.) **VBGI**
185. *Magnolia kobus* DC. (syn. *Magnolia kobus* var. *loebneri* (Kache) Spongberg)
VBGI
186. *Magnolia obovata* Thunb. **VBGI**
187. *Magnolia officinalis* Rehder & E. H. Wilson **VBGI**
188. *Magnolia salicifolia* (Siebold & Zucc.) Maxim. **VBGI**
189. *Magnolia sieboldii* K. Koch. **VBGI**
190. *Magnolia sieboldii* subsp. *japonica* K. Ueda **VBGI**

MELANTHIACEAE

191. *Veratrum nigrum* L. (syn. *Veratrum ussuriense* (O. Loes.) Nakai) **Kom.**

MENISPERMACEAE

192. *Menispermum dauricum* DC. **Cher. 2015**
193. *Menispermum dauricum* DC. **VBGI**

NELUMBACEAE

194. *Nelumbo nucifera* Gaertn. (syn. *Nelumbo komarovii* Grossh.) **Lot. 2015**

ONAGRACEAE

195. *Epilobium angustifolium* L. (syn. *Chamaenerion angustifolium* (L.) Scop.) **Lit.**
196. *Oenothera biennis* L. (syn. *Onagra biennis* (L.) Scop.) **Nov. 2014**

ORCHYDACEAE

197. *Cypripedium x ventricosum* Sw. **Nakh.**

PAEONIACEAE

198. *Paeonia lactiflora* Pall. **Chern.**
199. *Paeonia lactiflora* Pall. **Kom.**
200. *Paeonia obovata* Maxim. **Sin.**
201. *Paeonia suffruticosa* Andrews **VBGI 2015**

PLANTAGINACEAE

202. *Veronicastrum sibiricum* (L.) Pennell **Pl.-A.**

POACEAE

203. *Leymus mollis* (Trin.) Pilg. **Ter. 2015**
204. *Miscanthus sacchariflorus* (Maxim.) Hack. **Gam. 2015**

PRIMULACEAE

205. *Lysimachia davurica* Ledeb. **Tur. R.**

RANUNCULACEAE

206. *Aconitum kirinense* Nakai **Anis. 2015**
207. *Actaea spicata* var. *acuminata* (Wall. ex Royle) H. Hara. (syn. *Actaea acuminata* Wall. ex Royle) **VBGI 2015**
208. *Actaea spicata* var. *acuminata* (Wall. ex Royle) H. Hara. (syn. *Actaea acuminata* Wall. ex Royle) **VBGI**
209. *Actaea spicata* var. *acuminata* (Wall. ex Royle) H. Hara. (syn. *Actaea acuminata* Wall. ex Royle) **V.**
210. *Actaea dahurica* (Turcz. ex Fisch. & C.A.Mey.) Franch (syn. *Cimicifuga dahurica* (Turcz.) Maxim.) **VBGI**
211. *Clematis fusca* Turcz. **VBGI**
212. *Clematis fusca* Turcz. **Ter. 2014**
213. *Clematis heracleifolia* DC. **VBGI**
214. *Clematis hexapetala* Pall. **Sinel.**
215. *Clematis terniflora* var. *manshurica* (Rupr.) Ohwi (syn. *Clematis manshurica* Rupr.) **Raz. 2015**
216. *Clematis terniflora* var. *manshurica* (Rupr.) Ohwi (syn. *Clematis manshurica* Rupr.) **VBGI 2015**
217. *Clematis terniflora* var. *manshurica* (Rupr.) Ohwi (syn. *Clematis manshurica* Rupr.) **Kom.**
218. *Pulsatilla dahurica* (Fisch. ex DC.) Spreng. **Krav. 2015**
219. *Thalictrum aquilegifolium* var. *sibiricum* Regel & Tiling (syn. *Thalictrum contortum* L.) **Pl.-A.**
220. *Thalictrum amurense* Maxim. (Prim. Fl. Amur. 15 1859) **Raz. 2015**
221. *Thalictrum amurense* Maxim. (Prim. Fl. Amur. 15 1859) **Kom.**
222. *Thalictrum minus* L. **Chern.**

223. *Thalictrum tuberiferum* Maxim. **Kom.**

RHAMNACEAE

224. *Rhamnus davurica* Pall. **Krav. 2015**

225. *Rhamnus diamantiaca* Nakai **VBGI**

226. *Rhamnus ussuriensis* J. J. Vassil. **Pl.-A.**

ROSACEAE

227. *Cotoneaster moupinensis* Franch. **VBGI**

228. *Crataegus almaatensis* Pojark. **VBGI 2015**

229. *Crataegus macracantha* Lodd. ex Loudon **VBGI**

230. *Crataegus maximowiczii* C. K. Schneid. **VBGI 2015**

231. *Crataegus pinnatifida* Bunge May. **Tur. R.**

232. *Filipendula palmata* (Pall.) Maxim. **Ter. 2014**

233. *Malus mandshurica* (Maxim.) Kom. Ex Juz. **Gam. 2015**

234. *Potentilla tanacetifolia* Willd. ex Schltld. (syn. *Potentilla acervata* Soj k) **Cher.**

235. *Potentilla chinensis* Ser. **Kom.**

236. *Prinsepia sinensis* (Oliv.) Oliv. ex Bean **VBGI 2015**

237. *Prinsepia sinensis* (Oliv.) Oliv. ex Bean **VBGI**

238. *Prunus armeniaca* var. *mandschurica* Maxim. (syn. *Armeniaca mandshurica* (Maxim.) Kostina) **VBGI 2015**

239. *Prunus armeniaca* var. *mandschurica* Maxim. (syn. *Armeniaca mandshurica* (Maxim.) Kostina) **VBGI**

240. *Prunus padus* L. **VBGI**

241. *Prunus sargentii* Rehder **VBGI**

242. *Rosa acicularis* Lindl. **VBGI**

243. *Rosa davurica* Pall. **Kom.**

244. *Rosa glauca* Pourr. **VBGI**

245. *Rosa gracilipes* Chrshan. **VBGI**

246. *Rosa maximowicziana* Regel **Gam. 2015**

247. *Rosa maximowicziana* Regel **Pl.-A.**

248. *Rosa maximowicziana* Regel **VBGI**

249. *Rosa rugosa* Thunb. **Andr.**

250. *Rosa rugosa* Thunb. **Pos. 2015**

251. *Sanguisorba hakusanensis* Makino **VBGI**

252. *Sanguisorba officinalis* L. **Tur. R.**

253. *Sorbus alnifolia* (Siebold & Zucc.) K. Koch (syn. *Micromeles alnifolia* (Siebold & Zucc.) Koehne) **V.**

254. *Sorbus aucuparia* L. (syn. *Sorbus amurensis* Koehne) **VBGI**

255. *Sorbus commixta* Hedl. **VBGI**

256. *Sorbus sambucifolia* (Cham. & Schltld.) M. Roem. **Liv. 2015**

257. *Sorbaria sorbifolia* (L.) A. Braun **Plas. 2015**

258. *Sorbaria sorbifolia* (L.) A. Braun **Lit.**

259. *Spiraea betulifolia* Pall. **Liv. 2015**

260. *Spiraea betulifolia* Pall. **Liv. 2016**

261. *Spiraea salicifolia* L. **Pl.-A.**

RUTACEAE

262. *Phellodendron amurense* Rupr. **Gam. 2015**

263. *Phellodendron amurense* Rupr. **Ter. 2015**

264. *Ptelea trifoliata* L. **VBGI 2015**

265. *Ptelea trifoliata* L. **VBGI**

SAPINDACEAE

266. *Acer barbinerve* Maxim. ex Miq. **VBGI**

267. *Acer mandshuricum* Maxim. **VBGI**

268. *Acer pictum* Thunb. (syn. *Acer mono* Maxim.) **VBGI**

269. *Acer pseudosieboldianum* (Pax.) Kom. **VBGI**

270. *Acer tegmentosum* Maxim. **VBGI**

SAXIFRAGACEAE

271. *Astilbe rubra* Hook.f. & Thomson (syn. *Astilbe chinensis* (Maxim.) Franch. et Sav.) **Pl.-A.**

272. *Saxifraga oblongifolia* Nakai (J. Jap. Bot. 87(4): 238. 2012) **Lit. ***

SCHISANDRACEAE

273. *Schisandra chinensis* (Turcz.) Baill. **V.**

274. *Schisandra chinensis* (Turcz.) Baill. **Nadezh.**

TYPHACEAE

275. *Typha latifolia* L. **Chug. 2015**

276. *Typha latifolia* L. **Ter. R.**

VIOLACEAE

277. *Viola patrinii* Ging. **VBGI**

278. *Viola mandshurica* W. Becker **VBGI**

VITACEAE

279. *Ampelopsis aconitifolia* Bunge **VBGI 2015**

280. *Parthenocissus tricuspidata* (Siebold & Zucc.) Planch. **VBGI 2015**

281. *Parthenocissus quinquefolia* (L.) Planch **VBGI 2015**

SEEDS COLLECTED IN THE KHABAROVSK REGION

CAPRIFOLIACEAE

282. *Diervilla suavis* Kom. (syn. *Weigela suavis* (Kom.) L. H. Bailey)

COMPOSITAE

283. *Saussurea tomentosa* Kom.

MELANTHIACEAE

284. *Veratrum anticleoides* (Trautv. & C. A. Mey.) Takeda & Miyake (syn. *Acelidanthus anticleoides* Trautv. & C. A. Mey.)

ROSACEAE

285. *Pentactina schlothgaueriae* (Ignatov & Vorosch.) Jakubov (Bull. MSON, Biol. 1987. N. 92, Vol. 1. P. 132-134; V.L. Komarov memorial lectures. 2014. Vol. LXII. P. 229 - 240) *
286. *Spiraea decumbens* W. D. J. Koch. (syn. *Spiraea flexuosa* Rchb.)
287. *Sorbaria grandiflora* (Sweet) Maxim.

SEEDS COLLECTED ON THE ISLAND OF SAKHALIN

ADOXACEAE

288. *Viburnum furcatum* Blume ex Maxim (Bull. Acad. Imp. Sci. Saint-Petersbourg 26: 483 1880) *

APIACEAE

289. *Angelica ursina* (Rupr.) Maxim.
290. *Glehnia littoralis* F. Schmidt ex Miq.
291. *Heracleum lanatum* Michx.
292. *Pleurospermum uralense* Hoffm.

ASPARAGACEAE

293. *Convallaria keiskei* Miq.
294. *Maianthemum bifolium* (L.) F.W.Schmidt

BETULACEAE

295. *Betula ermanii* Cham.
296. *Betula divaricata* Ledeb. (syn. *Betula middendorffii* Trautv. & C.A.Mey.)
297. *Betula nana* subsp. *exilis* (Sukaczew) Hultén. (syn. *Betula exilis* (Sukaczew) Hultén)

CAPRIFOLIACEAE

298. *Lonicera glehnii* F.Schmidt (Reis. Amur-Land., Bot. 143. 1868) *

CELASTRACEAE

299. *Euonymus macropterus* Rupr.

COMPOSITAE

300. *Petasites japonicus* subsp. *giganteus* F.Schmidt ex Kitam. (syn. *Petasites amplus* Kitam.)

CUPRESSACEAE

301. *Juniperus chinensis* var. *sargentii* A. Henry (syn. *Juniperus sargentii* (A. Henry) Takeda ex Nakai)
302. *Juniperus rigida* var. *conferta* (Parl.) Patschke (syn. *Juniperus conferta* Parl.)

ERICACEAE

303. *Empetrum nigrum* L.
304. *Rhododendron hypoleucum* (Kom.) Harmaja. (syn. *Ledum hypoleucum* Kom.)
305. *Rhododendron aureum* Georgi

FAGACEAE

306. *Quercus mongolica* subsp. *crispula* (Blume) Menitsky. (syn. *Quercus crispula* Blume)

LILIACEAE

307. *Cardiocrinum cordatum* (Thumb.) Makino
308. *Lilium pensylvanicum* Ker Gawl. (syn. *Lilium dahuricum* Reuthe)

PAEONIACEAE

309. *Paeonia obovata* Maxim.

PINACEAE

310. *Pinus pumila* (Pall.) Regel

RANUNCULACEAE

311. *Actaea rubra* (Aiton) Willd. (syn. *Actaea erythrocarpa* (Fisch.) Kom.)
312. *Anemone debilis* Fisch. ex Turcz. (syn. *Anemonoides debilis* (Turcz.) Holub)

ROSACEA

313. *Rosa amblyotis* C. A. Mey.
314. *Rosa rugosa* Thunb.
315. *Sorbus commixta* Hedl.
316. *Spiraea beauverdiana* Hultén (Flora of Kamtchatka and the adjacent islands
Flora of Kamtchatka and the adjacent islands; 1927 38 1929) *

SEEDS COLLECTED IN THE GREENHOUSE VBGI

ASPLENIACEAE

317. *Asplenium onopteris* L. (Bot. J. Linn. Soc. 2009. 161: 128-131; Bot. J. Linn. Soc. 2016. 181 (1): 1-20) *
318. *Asplenium scolopendrium* L. (syn. *Phyllitis scolopendrium* L.)

CACTACEAE

319. *Mammillaria prolifera* (Mill.) Haw.

COMMELINACEAE

320. *Palisota schweinfurthii* C. B. Clarke

DAVALLIACEAE

321. *Davallia dissecta* J. Sm. (Gard. Mag. Bot. 3. 325. 1851; Moore, Gard. Chr. 1855. 469 c. fig. HB. 469. 1851) *

DRYOPTERIDACEAE

322. *Arachniodes aristata* (G. Forst.) Tindale cv. *Variegata* (syn. *Rumohra aristata* (G. Forst.) Ching)
323. *Rumohra adiantiformis* (G. Forst.) Ching

DENNSTAEDTIACEAE

324. *Microlepia speluncae* (L.) T. Moore

DRYOPTERIDACEAE

325. *Cyrtomium caryotideum* (Wall. ex Hook. & Grev.) C. Presl
326. *Cyrtomium falcatum* (L.f.) C. Presl
327. *Cyrtomium falcatum* (L.f.) C. Presl cv. *Rochfordianum*
328. *Cyrtomidictyum lepidocaulon* (Hook.) Ching (syn. *Polystichum lepidocaula* (Hook.) J. Sm.)

LYTHRACEAE

329. *Punica granatum* L. cv. *Nana*

OCHNACEAE

330. *Ochna atropurpurea* DC.

PHYTOLACACEAE

331. *Rivina humilis* L.

POLYPODIACEAE

332. *Colysis digitata* Ching

- 333. *Neocheiropteris ensata* (Thunb.) Ching
- 334. *Phlebodium aureum* (L.) J. Sm. cv. *Mandaianum*
- 335. *Phymatosorus scolopendria* (Burm. f.) Pic. Serm.
- 336. *Platycerium bifurcatum* (Cav.) C. Chr
- 337. *Pyrrosia lingua* (Thunb.) Farw.
- 338. *Serpocaulon triseriale* (Sw.) A. R. Sm (syn. *Goniophlebium triseriale* (Sw.) Wherry)

PRIMULACEAE

- 339. *Ardisia crenata* Sims

PTERIDACEAE

- 340. *Adiantum peruvianum* Klotzsch
- 341. *Adiantum raddianum* C. Presl
- 342. *Adiantum raddianum* C. Presl cv. *Weigandii*
- 343. *Pellaea rotundifolia* (G. Forst.) Hook.
- 344. *Pteris cretica* L.
- 345. *Pteris cretica* L. cv. *Distinction*
- 346. *Pteris cretica* L. cv. *Parkeri*
- 347. *Pteris cretica* L. cv. *Wimsettii*

XANTHORRHOEACEAE

- 348. *Aloe citrea* (Guillaumin) L. E. Newton & G.D. Rowley (syn. *Lomatophyllum citreum* Guillaumin)

Seed group curator: L.A. Kameneva

Collectors:

R.V. Doudkin

N.I. Denisov

I.M. Kokscheeva

P.V. Krestov

I.N. Krestova

S.V. Nesterova

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Drawing on the cover by Svetlana Bogacheva.

Please send your request for seeds before March 30, 2017,
maxim. 20 taxa.

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DESIDERATA 2017

Agreement on the supply of living plant material

Since the Convention on Biological Diversity (CBD) entered into force on December 29, 1993, 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.

The garden is dedicated to the conservation, sustainable use and research of biological diversity. With regard to the acquisition, maintenance and supply of plant material, the garden therefore expects its partners to act on 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 institutions that accept the following conditions will receive plant material from the garden's 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 garden, the recipient is obliged to document and preserve all relevant information pertaining 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 garden 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 for the CBD;

5. The garden 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 agreements. By requesting seeds you confirm to accept these conditions.

_____ I accept the above conditions.

Date, Signature _____

Recipients' name, address and stamp

