

МИНИСТЕРСТВО ОБРАЗОВАНИЯ И НАУКИ РФ  
ФЕДЕРАЛЬНОЕ ГОСУДАРСТВЕННОЕ БЮДЖЕТНОЕ  
ОБРАЗОВАТЕЛЬНОЕ  
УЧРЕЖДЕНИЕ ВЫСШЕГО ОБРАЗОВАНИЯ  
«ПОВОЛЖСКИЙ ГОСУДАРСТВЕННЫЙ ТЕХНОЛОГИЧЕСКИЙ  
УНИВЕРСИТЕТ»

*Ботанический сад-институт*



**БОТАНИЧЕСКИЙ  
САД-ИНСТИТУТ ПТУ**

**DELECTUS SEMINUM,  
QUAE PRO MUTUA COMMUTATIONE OFFERT**

**№ 26**

*Йошкар-Ола*

*2017*

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Семена, предлагаемые в этом списке, являются результатом от свободного опыления, поэтому видовая чистота не гарантируется.

Названия семейств, родов и видов растений выверены по:

1) The Plant List [Электронный ресурс].- Режим доступа:

<http://www.theplantlist.org/>

2) Royal Horticultural Society [Электронный ресурс].- Режим доступа:

<https://www.rhs.org.uk/>

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## ХАРАКТЕРИСТИКА ТЕРРИТОРИИ РАСПОЛОЖЕНИЯ

Ботанический сад-институт расположен в юго-восточной части г. Йошкар-Олы с координатами 56°37' с.ш. и 47°46' в.д. Площадь составляет 73,8га.

По лесорастительному районированию С.Ф. Курнаева (1973), территория относится к лесной зоне подзоне смешанных лесов с дубом. Высота над уровнем моря 100 м. Климат умеренно-континентальный. Среднегодовая температура воздуха +3,6°C, сумма осадков 450-500 мм, средняя продолжительность вегетационного периода 170 дней, периода без заморозков - 120 дней. Абсолютный минимум -44,6°C, максимум - +40,1°C. Самый поздний срок заморозков - 11 июня, самый ранний - 15 августа.

Почвы дерново-среднеподзолистые, среднесуглинистые на покровных суглинках.

## CHARACTERISTIC OF TERRITORY LOCATION

The Botanical Garden-institute is located in the south-east part of Yoshkar-Ola city.

Geographical coordinates:

latitude - 56°37' North

longitude - 47°46' East

altitude - 100 m.

Its area is 73,8 hectares.

The territory of the garden refers to the Forest zone, (subzone of the mixed woods with an oak). The climate is temperate and continental. Average annual temperature is +3,6°C, precipitation total is of 450-500 mm; average duration of the vegetative period is 170 days, the period without frosts - 120 days. The minimal temperature is -44,6°C, maximal temperature is +40,1°C. The latest term of frosts is on June, 11, the earliest one is on August, 15.

**ОТКРЫТЫЙ ГРУНТ  
SUB COELO  
ДЕРЕВЬЯ И КУСТАРНИКИ  
ARBORES ET FRUTICES**

- Семена 2017 г. сбора (seeds of 2017)  
\* - Семена 2016 г. сбора (seeds of 2016)  
\*\* - Семена 2015 г. сбора (seeds of 2015)

**PINOPHYTA**

**CUPRESSACEAE**

1. Thuja occidentalis L
2. Thuja occidentalis L.\*

**PINACEAE**

3. Picea × fennica (Regel) Kom.\*
4. Pinus mugo Turra
5. Pinus mugo Turra\*
6. Pinus pumila (Pall.) Regel\*
7. Pinus strobus L.\*

**TAXACEAE**

8. Taxus canadensis Marshall \*
9. Taxus baccata L.

**MAGNOLIOPHYTA**

**ADOXACEAE**

10. Sambucus cerulea Raf.
11. Sambucus cerulea Raf.\*
12. Sambucus racemosa L.
13. Sambucus racemosa L.\*
14. Sambucus sibirica Nakai \*
15. Viburnum lantana L.
16. Viburnum lantana L.\*
17. Viburnum lantana L.\*\*
18. Viburnum lentago L.
19. Viburnum lentago L.\*
20. Viburnum opulus L.
21. Viburnum opulus L. \*
22. Viburnum opulus L. \*\*
23. Viburnum sargentii Koehne
24. Viburnum sargentii Koehne\*
25. Viburnum sargentii Koehne\*\*

**ANACARDIACEAE**

26. Cotinus coggygria Scop.
27. Cotinus coggygria Scop.\*

**ARALIACEAE**

28. Eleutherococcus senticosus (Rupr. et Maxim.) Maxim.
29. Eleutherococcus senticosus (Rupr. et Maxim.) Maxim.\*
30. Eleutherococcus sessiliflorus (Rupr. et Maxim.) S.Y.Hu
31. Eleutherococcus sessiliflorus (Rupr. et Maxim.) S.Y.Hu\*

**BERBERIDACEAE**

32. Berberis amurensis Rupr.\*\*
33. Berberis aquifolium Pursh
34. Berberis aquifolium Pursh\*
35. Berberis aquifolium Pursh\*\*
36. Berberis aristata DC.
37. Berberis canadensis Mill.
38. Berberis canadensis Mill.\*
39. Berberis circumserrata (C.K.Schneid.) C.K.Schneid.\*
40. Berberis thunbergii DC.
41. Berberis thunbergii DC.\*
42. Berberis thunbergii DC. \*\*
43. Berberis vulgaris L.
44. Berberis vulgaris L.\*
45. Berberis vulgaris L.\*\*
46. Berberis vulgaris 'Atropurpurea'

**BETULACEAE**

47. Alnus alnobetula subsp. fruticosa (Rupr.) Raus
48. Alnus alnobetula subsp. fruticosa (Rupr.) Raus\*
49. Alnus alnobetula subsp. fruticosa (Rupr.) Raus \*\*
50. Alnus incana (L.) Moench
51. Alnus incana (L.) Moench\*
52. Betula humilis Schrank
53. Betula humilis Schrank \*
54. Betula pendula f. dalecarlica (L.f.) C. K. Schneid.\*
55. Corylus avellana L.\*

**CAPRIFOLIACEAE**

56. *Lonicera alpigena* L.  
 57. *Lonicera alpigena* L.\*  
 58. *Lonicera alpigena* L. \*\*  
 59. *Lonicera* × *americana* ( Mill. ) K.Koch  
 60. *Lonicera* × *amoena* Zab.\*  
 61. *Lonicera caprifolium* L.\*  
 62. *Lonicera chrysantha* Turcz. ex Ledeb.  
 63. *Lonicera chrysantha* Turcz. ex Ledeb. \*  
 64. *Lonicera demissa* Rehder  
 65. *Lonicera demissa* Rehder\*  
 66. *Lonicera demissa* Rehder\*\*  
 67. *Lonicera* × *gibbiflora* Dippel  
 68. *Lonicera* × *gibbiflora* Dippel\*  
 69. *Lonicera dioica* var. *glaucescens*  
 (Rydb.) Butters \*  
 70. *Lonicera longipes* (Maxim.) Pojark.  
 71. *Lonicera maackii* (Rupr.) Maxim. \*  
 72. *Lonicera maackii* (Rupr.) Maxim. \*  
 73. *Lonicera maackii* (Rupr.) Maxim.\*\*  
 74. *Lonicera maximowiczii* (Rupr.) Regel\*  
 75. *Lonicera nigra* L.  
 76. *Lonicera nigra* L.\*  
 77. *Lonicera prolifera* (Kirchner) Booth ex  
 Rehder  
 78. *Lonicera ruprechtiana* Regel\*  
 79. *Lonicera xylosteum* L.  
 80. *Lonicera xylosteum* L. \*  
 81. *Symphoricarpos albus* (L.) S.F.Blake  
 82. *Symphoricarpos albus* (L.) S.F.Blake\*  
 83. *Weigela florida* (Bunge) A. DC.  
 84. *Weigela florida* (Bunge) A. DC.\*  
 85. *Weigela middendorffiana* hort. ex  
 Carrière  
 86. *Weigela middendorffiana* hort. ex  
 Carrière \*  
 87. *Weigela middendorffiana* hort. ex  
 Carrière \*\*  
 88. *Weigela praecox* (Lemoine) Bailey  
 89. *Weigela praecox* (Lemoine) Bailey\*  
 90. *Weigela praecox* (Lemoine) Bailey\*\*

**CELASTRACEAE**

91. *Celastrus scandens* L.\*  
 92. *Euonymus europaeus* L.  
 93. *Euonymus macropterus* Rupr.  
 94. *Euonymus verrucosus* Scop.  
 95. *Tripterygium wilfordii* Hook. f.  
 96. *Tripterygium wilfordii* Hook. f.\*  
 97. *Tripterygium wilfordii* Hook. f.\*\*

**CERCIDIPHYLLACEAE**

98. *Cercidiphyllum japonicum* Siebold et  
 Zucc. ex J.J.Hoffm. et J.H.Schult. bis\*\*

**CORNACEAE**

99. *Cornus alba* L.  
 100. *Cornus alba* L.\*  
 101. *Cornus alba* L. \*\*  
 102. *Cornus amomum* subsp. *obliqua* (Raf.)  
 J.S.Wilson \*  
 103. *Cornus sericea* L.\*

**ELAEAGNACEAE**

104. *Elaeagnus angustifolia* L.  
 105. *Elaeagnus angustifolia* L.\*  
 106. *Elaeagnus commutata* Bernh. ex Rydb.  
 107. *Elaeagnus commutata* Bernh. ex  
 Rydb.\*  
 108. *Elaeagnus rhamnoides* (L.) A. Nelson\*

**ERICACEAE**

109. *Rhododendron arborescens* (Pursh)  
 Torr.  
 110. *Rhododendron canadense* (L.) Torr.  
 111. *Rhododendron canadense* (L.) Torr.\*  
 112. *Rhododendron canadense* f. *albiflorum*  
 (Rand. et Redf.) Rehd.  
 113. *Rhododendron canadense* f. *albiflorum*  
 (Rand. et Redf.) Rehd.\*  
 114. *Rhododendron catawbiense* Michx.  
 115. *Rhododendron catawbiense* Michx.\*  
 116. *Rhododendron fauriei* Franch.  
 117. *Rhododendron fauriei* Franch.\*  
 118. *Rhododendron fortunei* Lindl.  
 119. *Rhododendron fortunei* Lindl. \*  
 120. *Rhododendron luteum* Sweet  
 121. *Rhododendron luteum* Sweet\*  
 122. *Rhododendron luteum* Sweet\*\*  
 123. *Rhododendron macrophyllum* D.Don  
 ex G.Don  
 124. *Rhododendron macrophyllum* D.Don  
 ex G.Don \*  
 125. *Rhododendron maximum* L.  
 126. *Rhododendron molle* G.Don \*  
 127. *Rhododendron molle* var. *aureum* Wils.  
 128. *Rhododendron occidentale* (Torr. &  
 A.Gray) A.Gray \*  
 129. *Rhododendron ponticum* L. \*  
 130. *Rhododendron yakushimanum* Nakai

**FAGACEAE**

131. *Quercus rubra* L.\*

### GROSSULARIACEAE

132. *Ribes aureum* Pursh  
133. *Ribes aureum* Pursh.\*  
134. *Ribes missouriense* Nutt.\*  
135. *Ribes missouriense* Nutt. \*\*  
136. *Ribes rubrum* L.  
137. *Ribes urceolatum* Tausch\*

### HYDRANGEACEAE

138. *Deutzia longifolia* Franch.\*  
139. *Deutzia parviflora* var. *amurensis* Regel  
140. *Deutzia parviflora* var. *amurensis* Regel\*  
141. *Hydrangea arborescens* L.  
142. *Hydrangea arborescens* L.\*  
143. *Hydrangea bretschneideri* Dippel  
144. *Philadelphus coronarius* L.  
145. *Philadelphus coronarius* L.\*  
146. *Philadelphus coronarius* L.\*\*  
147. *Philadelphus lemoinei* auct.  
148. *Philadelphus lemoinei* auct.\*  
149. *Philadelphus* × *magnificus* Koehne  
150. *Philadelphus microphyllus* A. Gray  
151. *Philadelphus microphyllus* A. Gray\*  
152. *Philadelphus schrenkii* Rupr.  
153. *Philadelphus schrenkii* Rupr.\*  
154. *Philadelphus subcanus* var. *magdalenae* (Koehne) S.Y. Hu  
155. *Philadelphus subcanus* var. *magdalenae* (Koehne) S.Y. Hu\*\*  
156. *Philadelphus tenuifolius* Rupr.  
157. *Philadelphus tenuifolius* Rupr. \*

### HYPERICACEAE

158. *Hypericum hookerianum* Wight & Arn.\*

### JUGLANDACEAE

159. *Juglans cinerea* L.\*  
160. *Juglans mandshurica* Maxim.  
161. *Juglans mandshurica* Maxim.\*

### LEGUMINOSAE

162. *Amorpha fruticosa* L.  
163. *Caragana arborescens* Lam.  
164. *Caragana frutex* (L.) K. Koch \*  
165. *Colutea orientalis* Mill.  
166. *Maackia amurensis* Rupr.\*\*

167. *Robinia pseudoacacia* L.

### MAGNOLIACEAE

168. *Magnolia kobus* DC.\*

### MALVACEAE

169. *Tilia cordata* Mill.  
170. *Tilia* × *europaea* L.\*  
171. *Tilia platyphyllos* Scop.\*

### MORACEAE

172. *Morus alba* L. \*

### OLEACEAE

173. *Fontanesia fortunei* Carriere \*  
174. *Forsythia giraldiana* Lingelsh.  
175. *Forsythia giraldiana* Lingelsh.\*  
176. *Forsythia ovata* Nakai  
177. *Fraxinus pennsylvanica* Marshall\*  
178. *Ligustrum vulgare* L.  
179. *Ligustrum vulgare* L.\*  
180. *Syringa* × *henryi* C. K. Schneid.  
181. *Syringa* × *henryi* C. K. Schneid.\*  
182. *Syringa* × *henryi* C. K. Schneid. \*\*  
183. *Syringa josikaea* J.Jacq. ex Rchb.f.\*  
184. *Syringa josikaea* J.Jacq. ex Rchb.f. \*\*  
185. *Syringa josikaea* f. *rubra* hort.  
186. *Syringa komarowii* C.K.Schneid.  
187. *Syringa komarowii* C.K.Schneid.\*  
188. *Syringa komarowii* C.K.Schneid. \*\*  
189. *Syringa oblata* Lindl.  
190. *Syringa oblata* Lindl.\*  
191. *Syringa oblata* Lindl. \*\*  
192. *Syringa pubescens* subsp. *patula* (Palib.) M.C.Chang et X.L.Chen  
193. *Syringa pubescens* subsp. *patula* (Palib.) M.C.Chang et X.L.Chen \*\*  
194. *Syringa reticulata* (Blume) H.Hara\*  
195. *Syringa reticulata* subsp. *amurensis* (Rupr.) P.S.Green et M.C.Chang  
196. *Syringa reticulata* subsp. *amurensis* (Rupr.) P.S.Green et M.C.Chang \*  
197. *Syringa reticulata* subsp. *amurensis* (Rupr.) P.S.Green et M.C.Chang \*\*  
198. *Syringa tomentella* Bureau et Franch.  
199. *Syringa tomentella* Bureau et Franch.\*  
200. *Syringa tomentella* subsp. *sweginzowii* (Koehne & Lingelsh.) Jin Y.Chen & D.Y.Hong\*  
201. *Syringa villosa* Vahl  
202. *Syringa villosa* Vahl\*

203. *Syringa villosa* subsp. *wolfii*  
(C.K.Schneid.) Jin Y.Chen &  
D.Y.Hong
- PHYLLANTHACEAE**
204. *Flueggea suffruticosa* (Pall.) Baill.
- RANUNCULACEAE**
205. *Clematis alpina* subsp. *sibirica* (L.)  
Kuntze
206. *Clematis alpina* subsp. *sibirica* (L.)  
Kuntze \*
207. *Clematis alpina* subsp. *sibirica* (L.)  
Kuntze \*\*
208. *Clematis fusca* Turcz.
209. *Clematis fusca* Turcz. \*
210. *Clematis glauca* Willd.
211. *Clematis glauca* Willd.\*
212. *Clematis integrifolia* L.
213. *Clematis integrifolia* L. \*
214. *Clematis integrifolia* L. \*\*
215. *Clematis orientalis* L.
216. *Clematis orientalis* L.\*
217. *Clematis orientalis* L. \*\*
218. *Clematis serratifolia* Rehder
219. *Clematis serratifolia* Rehder\*\*
220. *Clematis terniflora* var. *manshurica*  
(Rupr.) Ohwi\*
221. *Clematis terniflora* var. *manshurica*  
(Rupr.) Ohwi \*\*
222. *Clematis viticella* L.\*
- ROSACEAE**
223. *Aronia melanocarpa* (Michx.) Elliott\*
224. *Aronia* × *prunifolia* (Marshall) Rehder
225. ×*Cerapadus micurinii* Miciurin
226. ×*Cerapadus micurinii* Miciurin \*\*
227. *Chaenomeles cathayensis* (Hemsl.)  
C.K.Schneid.
228. *Chaenomeles cathayensis* (Hemsl.)  
C.K.Schneid.\*
229. *Chaenomeles japonica* (Thunb.) Lindl.  
ex Spach
230. *Chaenomeles japonica* (Thunb.) Lindl.  
ex Spach \*
231. *Chaenomeles japonica* (Thunb.) Lindl.  
ex Spach \*\*
232. *Cotoneaster dammeri* C.K.Schneid.\*
233. *Cotoneaster integerrimus* Medik.
234. *Cotoneaster integerrimus* Medik.\*
235. *Cotoneaster lucidus* Schltdl.
236. *Cotoneaster lucidus* Schltdl.\*
237. *Cotoneaster melanocarpus* Fisch. ex  
A.Blytt \*
238. *Cotoneaster racemiflorus* (Desf.)  
K.Koch\*\*
239. *Crataegus almaatensis* Pojark.
240. *Crataegus chrysoarpa* Ashe
241. *Crataegus maximowiczii* C.K. Schneid.
242. *Crataegus persimilis* Sarg.\*\*
243. *Crataegus rivalis* Sarg.
244. *Crataegus sanguinea* Pall.\*
245. *Crataegus submollis* Sarg.\*
246. *Crataegus wattiana* Hemsl. & Lace
247. *Exochorda racemosa* (Lindl.) Rehder \*
248. *Exochorda racemosa* (Lindl.) Rehder \*
249. *Holodiscus discolor* (Pursh) Maxim.
250. *Holodiscus discolor* (Pursh) Maxim. \*
251. *Malus zumi* (Matsum.) Rehder
252. *Malus zumi* (Matsum.) Rehder \*
253. *Mespilus germanica* L.
254. *Pentaphylloides davurica* Ikonn. \*
255. *Physocarpus opulifolius* (L.) Maxim.\*\*
256. *Physocarpus opulifolius* var.  
*intermedius* (Rydb.) B.L.Rob.
257. *Physocarpus opulifolius* var.  
*intermedius* (Rydb.) B.L.Rob.\*
258. *Physocarpus ribesifolius* Kom.
259. *Physocarpus ribesifolius* Kom.\*
260. *Prunus besseyi* L.H.Bailey
261. *Prunus besseyi* L.H.Bailey\*
262. *Prunus besseyi* L.H.Bailey \*\*
263. *Prunus cerasus* L. \*\*
264. *Prunus padus* L. \*
265. *Prunus sogdiana* Vassilcz.
266. *Prunus sogdiana* Vassilcz.\*
267. *Prunus spinosa* L.
268. *Rosa acicularis* Lindl.
269. *Rosa beggeriana* Schrenk ex Fisch. &  
C.A.Mey.\*
270. *Rosa glauca* Pourr.
271. *Rosa glauca* Pourr.\*
272. *Rosa glauca* Pourr.\*\*
273. *Rosa pendulina* L.
274. *Rosa pendulina* L.\*
275. *Rosa pendulina* L.\*\*
276. *Rosa rubiginosa* L.
277. *Rosa rubiginosa* L.\*
278. *Rosa rugosa* Thunb.
279. *Rosa rugosa* Thunb\*
280. *Rosa rugosa* Thunb. \*\*
281. *Rosa spinosissima* L.\*
282. *Rosa spinosissima* L. \*\*
283. *Rosa tomentosa* Sm.\*

284. *Rosa tomentosa* Sm. \*\*  
285. *Rosa villosa* L.  
286. *Rosa villosa* L.\*  
287. *Rosa villosa* L. \*\*  
288. *Rosa webbiana* Wall. ex Royle  
289. *Rosa webbiana* Wall. ex Royle \*  
290. *Rosa xanthina* Lindl.  
291. *Rubus caesius* L.\*  
292. *Rubus nessensis* Hall  
293. *Rubus nessensis* Hall\*  
294. *Rubus nessensis* Hall \*\*  
295. *Rubus odoratus* L.  
296. *Rubus odoratus* L.\*  
297. *Rubus odoratus* L.\*\*  
298. *Sibiraea altainensis* (Laxm.) C.K. Schneid.  
299. *Sibiraea altainensis* (Laxm.) C.K. Schneid.\*  
300. *Sorbaria kirilowii* (Regel & Tiling) Maxim.  
301. *Sorbaria kirilowii* (Regel & Tiling) Maxim.\*  
302. *Sorbaria kirilowii* (Regel et Tiling) Maxim.\*\*  
303. *Sorbaria sorbifolia* 'Sem'  
304. *Sorbus aria* (L.) Crantz  
305. *Spiraea alba* Du Roi  
306. *Spiraea alba* Du Roi\*  
307. *Spiraea betulifolia* Pall.\*  
308. *Spiraea* × *bumalda* Burv.  
309. *Spiraea* × *bumalda* Burv.\*  
310. *Spiraea* × *bumalda* Burv.\*\*  
311. *Spiraea chamaedryfolia* L.\*  
312. *Spiraea crenata* L.  
313. *Spiraea crenata* L.\*  
314. *Spiraea densiflora* Nutt. ex Rydb.\*  
315. *Spiraea douglasii* Hook.\*  
316. *Spiraea douglasii* subsp. *menziesii* (Hook.) Calder et R.L.Taylor\*  
317. *Spiraea* × *fontenaysii* Lebas  
318. *Spiraea* × *fontenaysii* Lebas \*  
319. *Spiraea hypericifolia* L.\*  
320. *Spiraea japonica* L.f. \*  
321. *Spiraea japonica* f. *albiflora* (Miq.) Kitam.\*  
322. *Spiraea* × *lemoinei* Zabel\*  
323. *Spiraea longigemmis* Maxim.\*  
324. *Spiraea media* Schmidt\*  
325. *Spiraea media* Schmidt\*\*  
326. *Spiraea salicifolia* L.  
327. *Spiraea salicifolia* L.\*  
328. *Spiraea* × *sanssouciana* K. Koch  
329. *Spiraea* × *sanssouciana* K. Koch\*  
330. *Spiraea* × *sanssouciana* K. Koch\*\*  
331. *Spiraea* × *syringiflora* Lemoine \*  
332. *Spiraea tomentosa* L.\*  
333. *Spiraea trichocarpa* Nakai  
334. *Spiraea trichocarpa* Nakai\*  
335. *Spiraea trichocarpa* Nakai\*\*  
336. *Spiraea trifoliata* L.\*  
337. *Spiraea trilobata* L.  
338. *Spiraea trilobata* L.\*  
339. *Stephanandra incisa* (Thunb.) Zabel\*  
340. *Stephanandra tanakae* Franch. et Sav.\*
- RUTACEAE**
341. *Phellodendron amurense* Rupr.  
342. *Phellodendron amurense* Rupr.\*  
343. *Phellodendron amurense* Rupr. \*\*  
344. *Phellodendron sachalinense* (F. Schmidt) Sarg.\*  
345. *Phellodendron sachalinense* (F. Schmidt) Sarg.\*\*  
346. *Ptelea serrata* Small  
347. *Ptelea serrata* Small\*
- SAPINDACEAE**
348. *Acer campestre* L.  
349. *Acer campestre* L. \*  
350. *Acer caudatum* subsp. *ukurundense* (Trautv. & C.A.Mey.) E.Murray  
351. *Acer pensylvanicum* L.  
352. *Acer platanoides* L.  
353. *Acer platanoides* 'Crimson King'  
354. *Acer spicatum* Lam.  
355. *Acer spicatum* Lam.\*  
356. *Acer tataricum* L.  
357. *Acer tataricum* subsp. *ginnala* (Maxim.) Wesm.  
358. *Acer tataricum* subsp. *ginnala* (Maxim.) Wesm.\*  
359. *Acer tegmentosum* Maxim.  
360. *Aesculus glabra* Willd.  
361. *Aesculus glabra* Willd.\*  
362. *Aesculus hippocastanum* L.  
363. *Aesculus hippocastanum* L.\*
- SCHISANDRACEAE**
364. *Schisandra chinensis* (Turcz.) Baill.  
365. *Schisandra chinensis* (Turcz.) Baill.\*
- SOLANACEAE**
366. *Solanum dulcamara* L.  
367. *Solanum dulcamara* L.\*



### **STAPHYLEACEAE**

- 368. *Staphylea pinnata* L.
- 369. *Staphylea pinnata* L.\*

### **TAMARICACEAE**

- 370. *Myricaria germanica* (L.) Desv.

### **THYMELAEACEAE**

- 371. *Daphne mezereum* L.

### **VITACEAE**

- 372. *Ampelopsis aconitifolia* Bunge\*
- 373. *Ampelopsis glandulosa* var.  
*brevipedunculata* (Maxim.) Momiy.\*
- 374. *Ampelopsis glandulosa* var.  
*brevipedunculata* (Maxim.) Momiy.\*\*
- 375. *Parthenocissus inserta* (A.Kern.)  
Fritsch \*
- 376. *Parthenocissus quinquefolia* (L.)  
Planch. \*
- 377. *Parthenocissus quinquefolia* (L.)  
Planch. \*\*
- 378. *Vitis amurensis* Rupr.\*
- 379. *Vitis coignetiae* Pulliat ex Planch.\*
- 380. *Vitis vulpina* L.

**ТРАВЯНИСТЫЕ РАСТЕНИЯ****HERBAE****MAGNOLIOPHYTA****AMARYLLIDACEAE**

381. *Allium aflatunense* B. Fedtsch.  
 382. *Allium aflatunense* B. Fedtsch. \*  
 383. *Allium altaicum* Pall.  
 384. *Allium altaicum* Pall.\*  
 385. *Allium altissimum* Regel \*  
 386. *Allium angulosum* L.\*  
 387. *Allium carinatum* L.\*  
 388. *Allium denudatum* F.Delaroche\*  
 389. *Allium denudatum* F.Delaroche \*\*  
 390. *Allium fistulosum* L.\*  
 391. *Allium ledebourianum* Schult. et Schult.f.  
 392. *Allium ledebourianum* Schult. et Schult.f.\*  
 393. *Allium lusitanicum* Lam.\*  
 394. *Allium obliquum* L.  
 395. *Allium obliquum* L.\*  
 396. *Allium obliquum* L.\*\*  
 397. *Allium oliganthum* Kar. et Kir.  
 398. *Allium oliganthum* Kar. et Kir.\*  
 399. *Allium pskemense* B.Fedtsch.  
 400. *Allium schoenoprasum* L.  
 401. *Allium schoenoprasum* L.\*  
 402. *Allium stipitatum* Regel  
 403. *Allium stipitatum* Regel\*  
 404. *Allium stipitatum* Regel \*\*

**APIACEAE**

405. *Carum carvi* L.  
 406. *Carum carvi* L.\*  
 407. *Carum carvi* L.\*\*  
 408. *Coriandrum sativum* L.\*  
 409. *Eryngium giganteum* M.Bieb.  
 410. *Laser trilobum* (L.) Borkh.  
 411. *Laser trilobum* (L.) Borkh.\*  
 412. *Myrrhis odorata* (L.) Scop.  
 413. *Myrrhis odorata* (L.) Scop.\*  
 414. *Pastinaca sativa* L.  
 415. *Pastinaca sativa* L.\*

**APOCYNACEAE**

416. *Asclepias syriaca* L.

**ARISTOLOCHIACEAE**

417. *Aristolochia clematitis* L.

**ASPARAGACEAE**

418. *Anthericum ramosum* L.  
 419. *Anthericum ramosum* L.\*  
 420. *Asparagus officinalis* L.\*  
 421. *Bellevalia romana* (L.) Sweet  
 422. *Camassia cusickii* S. Watson  
 423. *Camassia cusickii* S. Watson \*\*  
 424. *Camassia leichtlinii* (Baker) S.Watson  
 425. *Camassia leichtlinii* (Baker) S.Watson\*  
 426. *Hosta ventricosa* Stearn  
 427. *Muscari armeniacum* 'Pink Sunrise'  
 428. *Pseudomuscari azureum* (Fenzl) Garbari et Greuter  
 429. *Pseudomuscari azureum* (Fenzl) Garbari et Greuter \*  
 430. *Puschkinia scilloides* Adams\*  
 431. *Scilla bifolia* 'Rosea'  
 432. *Scilla luciliae* (Boiss) Speta  
 433. *Scilla luciliae* (Boiss) Speta\*  
 434. *Scilla luciliae* 'Alba'  
 435. *Scilla luciliae* 'Alba' \*  
 436. *Scilla siberica* Haw.  
 437. *Scilla siberica* Haw.\*  
 438.

**BORANGINACEAE**

439. *Cynoglossum officinale* L.  
 440. *Omphalodes verna* Moench

**BRASSICACEAE**

441. *Arabis alpina* L.\*  
 442. *Arabis* × *arendsii* H.R. Wehrh.\*  
 443. *Arabis hirsuta* (L.) Scop.\*  
 444. *Arabis turrata* L.  
 445. *Brassica juncea* (L.) Czern.

**CAMPANULACEAE**

446. *Campanula autraniana* Albov\*  
 447. *Campanula carpatica* Jacq.  
 448. *Campanula cervicaria* L.\*  
 449. *Campanula komarovii* Maleev \*  
 450. *Platycodon grandiflorus* (Jacq.) A.DC.  
 451. *Platycodon grandiflorus* (Jacq.) A.DC.\*\*  
 452. *Phyteuma scheuchzeri* All.\*

**CAPRIFOLIACEAE**

453. *Cephalaria gigantea* (Ledeb.) Bobrov  
 454. *Patrinia intermedia* (Hornem.) Roem. et Schult.

**CARYOPHYLLACEAE**

455. *Cerastium biebersteinii* DC.  
 456. *Dianthus gratianopolitanus* Vill.  
 457. *Dianthus gratianopolitanus* Vill.\*  
 458. *Saponaria officinalis* L.  
 459. *Silene chalconica* (L.) E.H.L.Krause

**COLCHICACEAE**

460. *Colchicum autumnale* L.

**COMMELINACEAE**

461. *Tradescantia × andersoniana* W. Ludw. & Rohweder

**COMPOSITAE**

462. *Anaphalis margaritacea* L.  
 463. *Artemisia stelleriana* Besser  
 464. *Aster tongolensis* Franch.  
 465. *Calendula officinalis* L.  
 466. *Calendula officinalis* L.\*  
 467. *Calendula officinalis* L.\*\*  
 468. *Centaurea macrocephala* Muss. Puschk. ex Willd.\*\*  
 469. *Doronicum austriacum* Jacq.  
 470. *Doronicum austriacum* Jacq.\*  
 471. *Echinacea purpurea* (L.) Moench  
 472. *Echinacea purpurea* (L.) Moench\*  
 473. *Echinacea purpurea* (L.) Moench\*\*  
 474. *Echinops sphaerocephalus* L.  
 475. *Echinops sphaerocephalus* L.\*\*  
 476. *Echinops ritro* subsp. *ruthenicus* (M.Bieb.) Nyman\*  
 477. *Echinops ritro* subsp. *ruthenicus* (M.Bieb.) Nyman\*\*  
 478. *Helenium autumnale* L.  
 479. *Helenium autumnale* L.\*  
 480. *Helichrysum arenarium* (L.) Moench  
 481. *Helichrysum arenarium* (L.) Moench\*  
 482. *Hymenoxys hoopesii* (A.Gray) Bierner  
 483. *Hymenoxys hoopesii* (A.Gray) Bierner\*  
 484. *Inula britannica* L.  
 485. *Inula helenium* L.\*  
 486. *Inula magnifica* Lipsky  
 487. *Liatris elegans* (Walter) Michx.  
 488. *Liatris elegans* (Walter) Michx.\*  
 489. *Liatris pilosa* (Aiton) Willd.  
 490. *Ligularia sibirica* (L.) Cass.  
 491. *Pyrethrum corymbosum* (L.) Scop.  
 492. *Pyrethrum corymbosum* (L.) Scop.\*  
 493. *Psephellus dealbatus* (Willd.) K.Koch\*

494. *Serratula coronata* L.  
 495. *Tanacetum coccineum* (Willd.) Grierson  
 496. *Tanacetum coccineum* (Willd.) Grierson\*  
 497. *Telekia speciosa* (Schreb.) Baumg.\*

**CRASSULACEAE**

498. *Aeonium × hybridum* (Haw.) G. D. Rowley\*  
 499. *Phedimus selskianus* (Regel & Maack)t Hart  
 500. *Sedum aizoon* 'Aurantiacum'  
 501. *Sedum album* 'Purpurea'  
 502. *Sedum ewersii* Ledeb.  
 503. *Sedum kamtschaticum* 'Weihensephaner Gold'  
 504. *Sedum maximum* subsp. *ruprechtii* (Jalas) Soó  
 505. *Sedum spurium* 'Purpurea'  
 506. *Sempervivum arachnoideum* L.\*  
 507. *Sempervivum caucasicum* Rupr. ex Boiss.  
 508. *Sempervivum caucasicum* Rupr. ex Boiss.\*  
 509. *Sempervivum hybridum* (Haw.) Sweet\*  
 510. *Sempervivum longibardum* L.  
 511. *Sempervivum purpurascens* Schott ex Boiss.\*  
 512. *Sempervivum purpureum* Graessn.

**CUCURBITACEAE**

513. *Diplocyclos palmatus* (L.) C. Jeffrey

**CYPERACEAE**

514. *Carex grayi* J.Carey

**DIOSCOREACEAE**

515. *Dioscorea nipponica* Makino

**GENTIANACEAE**

516. *Gentiana asclepiadea* L.  
 517. *Gentiana cruciata* L.  
 518. *Gentiana cruciata* L.\*  
 519. *Gentiana lutea* L.  
 520. *Gentiana lutea* L.\*  
 521. *Gentiana tianschanica* Rupr. ex Kusn.

**GERANIACEAE**

522. *Geranium himalayense* Klotzsch

523. *Geranium phaeum* L.  
524. *Geranium transbaicalicum* Serg.

### IRIDACEAE

525. *Iris graminea* L.  
526. *Iris graminea* L.\*  
527. *Iris halophila* Pall.  
528. *Iris halophila* Pall.\*  
529. *Iris halophila* var. *sogdiana* (Bunge)  
Grubov  
530. *Iris halophila* var. *sogdiana* (Bunge)  
Grubov\*  
531. *Iris lactea* Pall.  
532. *Iris lactea* Pall.\*  
533. *Iris laevigata* Fisch.  
534. *Iris pseudacorus* L.  
535. *Iris pseudacorus* L.\*  
536. *Iris sanguinea* Donn ex Hornem.  
537. *Iris sanguinea* Donn ex Hornem.\*  
538. *Iris setosa* Pall. ex Link  
539. *Iris sibirica* L.  
540. *Iris sibirica* L.\*  
541. *Iris sibirica* f. *albiflora* Makino  
542. *Iris sibirica* f. *albiflora* Makino\*  
543. *Iris sibirica* 'Dance Ballerina Dance'  
544. *Iris sibirica* 'Perri's Blue'  
545. *Iris sibirica* 'Bei Ky' \*  
546. *Iris spuria* L. 'Alexi' \*  
547. *Iris spuria* subsp. *carthalinae* (Fomin)  
B.Mathew  
548. *Iris spuria* subsp. *carthalinae* (Fomin)  
B.Mathew\*

### LAMIACEAE

549. *Agastache foeniculum* (Pursh) Kuntze  
550. *Agastache foeniculum* (Pursh)  
Kuntze\*  
551. *Melissa officinalis* L.\*  
552. *Origanum vulgare* L.  
553. *Origanum vulgare* L.\*  
554. *Phlomis tuberosa* (L.) Moench.  
555. *Phlomis tuberosa* (L.) Moench.\*  
556. *Physostegia virginiana* (L.) Benth.\*  
557. *Salvia tesquicola* Klok. & Pobed.  
558. *Stachys betoniciflora* Rupr.  
559. *Stachys betoniciflora* Rupr.\*  
560. *Stachys byzantina* K. Koch

### LEGUMINOSAE

561. *Ononis spinosa* subsp. *hircina* (Jacq.)  
Gams

### LILIACEAE

562. *Fritillaria acmopetala* Boiss.  
563. *Fritillaria imperialis* L.\*  
564. *Fritillaria imperialis* 'Lutea' \*  
565. *Fritillaria meleagris* 'Alba'  
566. *Lilium martagon* L.  
567. *Lilium martagon* L.\*\*  
568. *Tulipa polychroma* Stapf  
569. *Tulipa tarda* Stapf  
570. *Tulipa turkestanica* (Regel) Regel

### LINACEAE

571. *Linum usitatissimum* L.\*  
572. *Linum usitatissimum* L. \*\*

### MALVACEAE

573. *Althaea officinalis* L.\*  
574. *Malva sylvestris* L.

### ONAGRACEAE

575. *Oenothera biennis* L.

### PAEONIACEAE

576. *Paeonia anomala* L.\*  
577. *Paeonia anomala* L.\*\*

### PAPAVERACEAE

578. *Papaver pseudo-orientale* Medw.

### PHYTOLACCACEAE

579. *Phytolacca americana* L.

### PLANTAGINACEAE

580. *Veronica spicata* subsp. *incana* (L.)  
Walters

### POACEAE

581. *Cynosurus cristatus* L.\*  
582. *Deschampsia cespitosa* (L.) P.Beauv.  
583. *Festuca amethystina* L.\*  
584. *Stipa capillata* L.

### POLEMONIACEAE

585. *Polemonium caeruleum* L.  
586. *Polemonium caeruleum* L. \*

### POLYGONACEAE

587. *Persicaria alpina* (All.) H.Gross\*  
588. *Rheum tanguticum* Maxim. ex Balf. \*

589. *Rheum tanguticum* Maxim. ex Balf. \*\*

### PRIMULACEAE

590. *Primula veris* subsp. *macrocalyx*  
(Bunge) Lüdi

### RANUNCULACEAE

591. *Aconitum napellus* L.  
592. *Aconitum napellus* L.\*  
593. *Aconitum volubile* Pall. ex Koelle  
594. *Actaea cimicifuga* L.  
595. *Actaea racemosa* L.  
596. *Actaea rubra* (Aiton) Willd.  
597. *Actaea simplex* (DC.) Wormsk. ex  
Prantl  
598. *Anemone canadensis* L.  
599. *Anemone canadensis* L.\*  
600. *Anemone cylindrica* A.Gray  
601. *Aquilegia olympica* Boiss.  
602. *Aquilegia vulgaris* 'Lime Sorbet'  
603. *Aquilegia vulgaris* 'Winky'  
604. *Delphinium cuneatum* Steven ex DC.  
605. *Nigella sativa* L.  
606. *Nigella sativa* L.\*  
607. *Thalictrum minus* L.  
608. *Thalictrum minus* L.\*  
609. *Thalictrum speciosissimum* L.  
610. *Thalictrum triternatum* Rupr.  
611. *Trollius asiaticus* L.\*  
612. *Trollius europaeus* L.\*

### ROSACEAE

613. *Aruncus dioicus* (Walter) Fernald  
614. *Aruncus dioicus* var. *aethusifolius*  
(H.L.v.) H.Hara \*  
615. *Aruncus dioicus* var. *vulgaris*  
(Maxim.) H.Hara \*  
616. *Aruncus dioicus* 'Kneiffii'  
617. *Filipendula vulgaris* Moench f. *plena*  
618. *Potentilla atrosanguinea* G.Lodd. ex  
D.Don\*  
619. *Potentilla* × *hybrida* 'White Beauty'  
620. *Potentilla nepalensis* Hook  
621. *Potentilla nepalensis* Hook\*  
622. *Potentilla recta* L.\*  
623. *Sanguisorba magnifica* I. Schischk. et  
Kom.  
624. *Sanguisorba magnifica* I. Schischk. et  
Kom.\*

### RUBIACEAE

625. *Rubia tinctorum* L.\*

### SAXIFRAGACEAE

626. *Bergenia crassifolia* (L.) Fritsch\*\*  
627. *Bergenia crassifolia* var. *pacifica*  
(Kom.) Kom. ex Nekt.  
628. *Heuchera cylindrica* Douglas  
629. *Heuchera cylindrica* Douglas\*  
630. *Heuchera* × *hybrida* 'Green Spice'  
631. *Rodgersia aesculifolia* Batalin  
632. *Rodgersia podophylla* A.Gray  
633. *Saxifraga* × *arendsii* Arends  
634. *Saxifraga* × *arendsii* Arends\*  
635. *Saxifraga cespitosa* f. *alba*\*  
636. *Saxifraga cespitosa* f. *rosea*  
637. *Saxifraga cespitosa* f. *rosea*\*  
638. *Saxifraga hypnoides* L.  
639. *Saxifraga umbrosa* 'Aureo-punctata'

### SCROPHULARIACEAE

640. *Verbascum thapsus* L.\*

### SOLANACEAE

641. *Datura stramonium* L.  
642. *Datura stramonium* L.\*  
643. *Hyoscyamus niger* L.\*

### VERBENACEAE

644. *Verbena officinalis* L.\*

**ЗАКРЫТЫЙ ГРУНТ  
SUB VITRO**

**ОРАНЖЕРЕЙНЫЕ РАСТЕНИЯ  
PLANTAE IN CALIDARIS  
CULTAE**

**POLYPODIOPHYTA**

**BLECHNACEAE**

645. *Woodwardia orientalis* Sw.

**DAVALLIACEAE**

646. *Davallia dissecta* J. Sm.; Moore et  
Houlston  
647. *Scyphularia pentaphylla* (Blume) Fee

**DRYOPTERIDACEAE**

648. *Cyrtomium falcatatum* (L.f.) C.Presl

**POLYPODIACEAE**

649. *Phlebodium aureum* (L.) J. Sm.

**PTERIDACEAE**

650. *Adiantum capillus-veneris* L.

**MAGNOLIOPHYTA**

**AMARYLLIDACEAE**

651. *Scadoxus multiflorus* subsp. *katharinae*  
(Baker) Friis et Nordal

**ANNONACEAE**

652. *Annona muricata* L.

**APOCYNACEAE**

653. *Ceropegia linearis* subsp. *debilis* (N. E.  
Br.) H. Huber  
654. *Ceropegia woodii* Schltr.

**ARACEAE**

655. *Aglaonema commutatum* Schott

**ARECACEAE**

656. *Sabal minor* (Jacq.) Pers.

**ASPARAGACEAE**

657. *Bowiea volubilis* Harv.

**COLCHICACEAE**

658. *Gloriosa superba* L.

**COMMELINACEAE**

659. *Tradescantia spathacea* Sw.

**COMPOSITAE**

660. *Senecio articulatus* (L. f.) Sch. Bip.  
661. *Senecio jacobsenii* Rowley

**CRASSULACEAE**

662. *Bryophyllum fedtschenkoi* (Raym.-  
Hamet et H.Perrier) Lauz.-March.  
663. *Crassula arborescens* (Mill.) Willd.  
664. *Crassula lactea* Aiton  
665. *Crassula ovata* (Mill.) Druce  
666. *Crassula perfoliata* var. *falcata*  
(J.C.Wendl.) Toelken  
667. *Crassula socialis* Schonland  
668. *Crassula* 'Tom Thumb '  
669. *Echeveria agavoides* Lem.  
670. *Echeveria leucotricha* J.A.Purpus  
671. *Echeveria pulvinata* Rose  
672. *Echeveria secunda* Booth ex Lindl.  
673. *Graptopetalum macdougallii* Alexander  
674. *Graptopetalum paraguayense* (N.E.Br.)  
E.Walther  
675. *Graptoveria calva* (Gossot) Rowley  
676. ×*Graptoveria* 'Titubans '  
677. *Kalanchoe beauverdii* Raym.-Hamet  
678. *Kalanchoe daigremontiana* Raym.-  
Hamet et H. Perrier  
679. *Kalanchoe faustii* Font Quer  
680. *Kalanchoe rhombopilosa* Mannoni et  
Boiteau  
681. *Pachyphytum oviferum* Purpus  
682. *Pachyveria glauca* F.Haage et  
M.Schmidt  
683. *Sedum burrito* Moran  
684. *Sedum morganianum* E.Walther  
685. *Sedum versadense* C.H. Thompson
- DIOSCOREACEAE**
686. *Dioscorea sansibarensis* Pax
- EUPHORBIACEAE**
687. *Euphorbia bubalina* Boiss.
- HYPOXIDACEAE**
688. *Molineria capitulata* (Lour.) Herb.

**LAMIACEAE**

689. *Clerodendrum thomsoniae* Balf.f.

**LYTHRACEAE**

690. *Punica granatum* L.

**PHYLLANTHACEAE**

691. *Phyllanthus grandifolius* L.

**PITTOSPORACEAE**

692. *Pittosporum glabratum* Lindl.

**RUBIACEAE**

693. *Coffea arabica* L.

**RUTACEAE**

694. *Murraya koenigii* (L.) Spreng.

<u>Наш адрес:</u> 424030 Республика Марий Эл, г. Йошкар-Ола, ул. Мира, 2 <sup>Б</sup> Ботанический сад-институт E-mail: botsad@volgatech.net	<u>Ваш адрес:</u>
<u>Our address:</u>  Botanic Garden Mira Str., 2 <sup>B</sup> 424030 YOSHKAR-OLA, Marii El, Russia	<u>Your full address:</u>

**DISIDERATA №26**


**AGREEMENT  
on the supply of plant material by VSTU Botanical Garden-institute**

Since the Convention on Biological Diversity (CBD, 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 MSTU Botanical Garden-institute only passes on plant material under the condition that the user acts in the spirit of the Convention on Biological Diversity. The MSTU Botanical Garden-institute is dedicated to the conservation, sustainable use and research of biological diversity. With regard to the acquisition, maintenance and supply of plant material, the MSTU Botanical Garden-institute 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. As a consequence, plant material from the collections of the MSTU Botanical Garden-institute is supplied only to those persons and institutions who accept the following conditions:

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. 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, copies of such publications are expected to be sent to the MSTU Botanical Garden-institute without request.
4. Commercial use is not covered by this agreement but is object of a separate agreement with the country of origin. Such agreement underlies the provisions of the CBD, i. e. the user is obliged to share benefits with the country of origin. In this context, the user has to forward all relevant information to the authorities instructed with the implementation of the CBD. On request, the MSTU Botanical Garden-institute will provide such information to these authorities.
5. The recipient is allowed to supply plant material derived from the MSTU Botanical Garden-institute to others only on the basis and under the conditions of this or corresponding agreements.

I accept the above conditions:  
Date \_\_\_\_\_ Signature \_\_\_\_\_  
Name and address of the garden \_\_\_\_\_

stamp