

HORTUS BOTANICUS UNIVERSITATIS SOPHIENSIS
NOMINE CLEMENTIS OCHRIDENSIS PRO MUTUA
COMMUTATIONE OFFERT ANNO 2016 COLLECTIRUM

INDEX SEMINUM 2017



UNIVERSITY
BOTANIC
GARDENS



УНИВЕРСИТЕТСКИ
БОТАНИЧЕСКИ
ГРАДИНИ

Source data:

Delipavlov D, Ed. in chief, (2011): Guide of plants in Bulgaria, Academically. publishing house of Agricultural University – Plovdiv.

Gramatikov D. (1992): Guide of trees and shrubs in Bulgaria, IntelSys, Plovdiv.

Jordanov D., Ed. in chief, (1963 – 2012): Flora Reipublicae Popularis Bulgaricae, Acad. Sci. Bulg., Serdicae (In 11 Volumes).

Stojanov N., Stefanov B. et Kitanov B., (1966): Flora Bulgarica, Nauka iiskustvo, Sophia.

All seeds are result of an open pollination.

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**UNIVERSITY BOTANIC GARDENS SOFIA, VARNA, BALCHIK
BULGARIA**

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City	Year of foundation	Area	Location	Altitude	Average rainfall
SOFIA	1892	0.5 ha	42°36'N;23°25'E	549 m	650-700mm
VARNA	1977	36 ha	43°14'N;28°00'E	28-85m	450-550mm
BALCHIK	1955	1.9ha	43°24'N;28°01'E	1-35m	350-400mm

Part I SEEDS OF PLANTS IN THE OPEN FIELDS

PINOPSIDA

CUPRESSACEAE

1. *Chamaecyparis lawsoniana* (A.Murray bis) Parl.
2. *Chamaecyparis pisifera* (Siebold et Zucc.) Endl.
3. *Cryptomeria japonica* (Thunb.ex L.f.) D.Don
4. *Cupressus sempervirens* L.
5. *Metasequoia glyptostroboides* Hu & W.C.Cheng
6. *Sequoia sempervirens* (D.Don) Endl.
7. *Thuja occidentalis* L.
8. *Thuja orientalis* L.
9. *Thuja plicata* Donn ex D.Don
10. *Thujaopsis dolabrata* (L.f.) Siebold & Zucc.

PINACEAE

11. *Cedrus deodara* (Roxb. ex D.Don) G.Don
12. *Larix decidua* Mill.
13. *Picea pungens* Engelm.
14. *Pinus halepensis* Mill.
15. *Pinus heldreichii* Christ
16. *Pinus maritima* Lam.
17. *Pinus nigra* J.F.Arnold
18. *Pinus pinea* L.
19. *Pinus strobus* L.
20. *Pinus sylvestris* L.
21. *Pseudotsuga douglasii* (Lindl.) Carriere

TAXACEAE

22. *Taxus baccata* L.
23. *Taxus brevifolia* Nutt.

MAGNOLIOPSIDA

ACERACEAE

24. *Acer campestre* L.
25. *Acer platanoides* L.
26. *Acer pseudoplatanus* L.

ADOXACEAE

27. *Viburnum lantana* L.
28. *Viburnum rhytidophyllum* Hemsl.

AMARANTHACEAE

29. *Amaranthus caudatus* L. 'Red'
30. *Celosia argentea* L. 'Red'
31. *Chenopodium quinoa* Willd.
32. *Gomphrena globosa* L. 'Pink'
33. *Gomphrena globosa* L. 'Violet'
34. *Gomphrena globosa* L. 'White'

ANACARDIACEAE

35. *Rhus typhina* L.

APIACEAE

36. *Angelica archangelica* L.
37. *Coriandrum sativum* L.

APOCYNACEAE

38. *Apocynum cannabinum* St.
39. *Catharanthus roseus* (L.) G. Don

AQUIFOLIACEAE

40. *Ilex aquifolium* L.

ARACEAE

41. *Amorphophallus konjac* K. Koch

ARALIACEAE

42. *Hedera helix* L.

ASTERACEAE

43. *Achillea filipendulina* Lam.
44. *Achillea millefolium* L.
45. *Achillea millefolium* L. 'White'
46. *Ageratum houstonianum* Mill.
47. *Artemisia dracunculus* L.
48. *Artemisia santonicum* L.
49. *Artemisia schmidtiana* Maxim.
50. *Artemisia vulgaris* L.
51. *Centaurea nigrescens* Willd.
52. *Echinacea purpurea* (L.) Moench
53. *Echinacea hybrid* 'Alba'

54. *Eupatorium cannabinum* L.
55. *Gaillardia x grandiflora* hort. 'Red'
56. *Gaillardia x grandiflora* hort. 'Yellow'
57. *Helianthus tuberosus* L.
58. *Inula bifrons* L.
59. *Inula helenium* L.
60. *Liatris spicata* (L.) Willd. 'Alba'
61. *Liatris spicata* (L.) Willd. 'Purple'
62. *Rudbeckia deamii* S.F.Blake
63. *Rudbeckia hybrid* L.
64. *Santolina chamaecyparissus* L.
65. *Santolina viridis* Willd.
66. *Sanvitalia procumbens* Lam. 'Orange'
67. *Sanvitalia procumbens* Lam. 'Yellow'
68. *Senecio jacobsenii* Rowley
69. *Silphium perfoliatum* L.
70. *Sumphyotrichum novi-belgii* (L.) G.L.Nesom
71. *Solidago canadensis* L.
72. *Tanacetum vulgare* L.
73. *Telekia speciosa* (Schreb.) Baumg.
74. *Tithonia rotundifolia* (Mill.) S.F.Blake

BEGONIACEAE

75. *Begonia semperflorens* Link & Otto

BETULACEAE

76. *Betula pendula* Roth.
77. *Carpinus orientalis* Mill.
78. *Corylus avellana* L.
79. *Corylus colurna* L.
80. *Ostrya carpinifolia* Scop.

BERBERIDACEAE

81. *Berberis julianae* C.K.Schneid.
82. *Berberis thunbergii* DC.

- 83. *Berberis vulgaris* L.
- 84. *Mahonia aquifolium* (Pursh) Nutt.
- 85. *Nandina domestica* Thunb.

BIGNONIACEAE

- 86. *Catalpa bignonioides* Walter

BORAGINACEAE

- 87. *Lithospermum purpureocaerulea* L.

BRASSICACEAE

- 88. *Aubrieta x hybrida* Hausskn.
- 89. *Fibigia lunarioides* (Willd.) Sweet
- 90. *Matthiola lunata* DC.

BUXACEAE

- 91. *Sarcococca confusa* Sealy

CALYCANTACEAE

- 92. *Chimonanthus praecox* (L.) Link.

CANNABACEAE

- 93. *Humulus lupulus* L.
- 94. *Celtis australis* L.
- 95. *Celtis caucasica* Willd.

CAPRIFOLIACEAE

- 96. *Centranthus ruber* (L.) DC.
- 97. *Lonicera etrusca* Santi
- 98. *Lonicera maackii* (Rupr.) Herder
- 99. *Lonicera nitida* E.H. Wilson

100. *Scabiosa atropurpurea* L.
101. *Scabiosa tenuis* Spruner ex Boiss.
102. *Symphoricarpos x chenaultii* Rehner

CARYOPHYLLACEAE

103. *Dianthus caryophyllus* L.
104. *Dianthus caryophyllus* L. 'Black'
105. *Lychnis chalcedonica* L. 'Red'
106. *Silene thymifolia* Sm.

CELASTRACEAE

107. *Euonymus japonicus* Thunb.
108. *Euonymus europaeus* L.

CLEOMACEAE

109. *Cleome hassleriana* Chodat

COMMELINACEAE

110. *Tradescantia virginiana* L.

CONVOLVULACEAE

111. *Ipomoea quamoclit* L.
112. *Ipomoea hederifolia* L.
113. *Ipomoea x sloteri* (House) Ooststr.

CUCURBITACEAE

114. *Cyclanthera pedata* (L.) Schrad.

EBENACEAE

115. *Diospyros lotus* L.

ELEAGNACEAE

116. *Elaeagnus angustifolia* L.

FABACEAE

117. *Amorpha fruticosa* L.
118. *Albizia julibrissin* Durazz.
119. *Caesalpinia gilliesii* (Hook.) D.Dietr.
120. *Cercis siliquastrum* L.
121. *Colutea arborescens* L.
122. *Gleditsia triacanthos* L.
123. *Glycyrrhiza echinata* L.
124. *Gymnocladus dioicus* (L.) K.Koch
125. *Laburnum anagyroides* Medik.
126. *Lablab purpureus* L.
127. *Senna stipulacea* (Aiton) H.S.Irwin & Barneby
128. *Sophora japonica* L.
129. *Sophora vicifolia* Hance.
130. *Wisteria floribunda* (Willd.) DC.
131. *Wisteria sinensis* (Sims.) Sweet

FAGACEAE

132. *Castanea sativa* Mill.
133. *Quercus ilex* L.

GERANIACEAE

134. *Erodium manescavii* Coss.

HIPPOCASTANACEAE

135. *Aesculus hippocastanum* L.

HYDRANGEACEAE

136. *Philadelphus coronarius* L.

HYPERICACEAE

137. *Hypericum androsaemum* L.

JUGLANDACEAE

138. *Juglans nigra* L.
139. *Pterocarya fraxinifolia* (Poir.) Spach

LAMIACEAE

140. *Agastache mexicana* (Lindl.) Lint & Epling
141. *Agastache pallida x rugosa* (Lindl.) Cory 'Globetrother'
142. *Agastache rugosa* (Fisch. & C.A.Mey.) Kuntze
143. *Callicarpa bodinieri* H.Lev.
144. *Callicarpa japonica* Thunb.
145. *Caryopteris incana* (Thunb. ex Houtt.) Miq.
146. *Hyssopus officinalis* L.
147. *Lavandula angustifolia* Mill.
148. *Lophanthus anisatus* (Nutt.) Benth.
149. *Ocimum basilicum* L.
150. *Origanum vulgare* L.
151. *Phlomis lanata* Willd.
152. *Phlomis samia* L.
153. *Salvia coccinea* Buc'hoz ex Etl. 'Corel Nymph'
154. *Salvia farinacea* Benth.
155. *Salvia forskahlei* L.
156. *Salvia nemorosa* L.
157. *Salvia officinalis* L.
158. *Salvia pratensis* L.
159. *Salvia sclarea* L.
160. *Salvia splendens* Sellow ex Schult. 'Red'
161. *Salvia splendens* Sellow ex Schult. 'Violet'
162. *Salvia splendens* Sellow ex Schult. 'White'

- 163. *Sideritis scardica* Griseb.
- 164. *Stachys byzantina* K.Koch
- 165. *Thymus vulgaris* L.

LILIACEAE

- 166. *Fritillaria persica* L.
- 167. *Fritillaria persica* L. 'Ivory Bells'

LINACEAE

- 168. *Linum pubescens* Banks & Sol.

LYTHRACEAE

- 169. *Lagerstroemia indica* L.

MAGNOLIACEAE

- 170. *Magnolia grandiflora* L.
- 171. *Magnolia kobus* DC.

MALVACEAE

- 172. *Alcea rosea* L. 'Nigra'
- 173. *Alcea rugosa* Alef.
- 174. *Althaea officinalis* L. 'Black'
- 175. *Hibiscus moscheutos* L.
- 176. *Hibiscus syriacus* L.
- 177. *Kitaibelia vitifolia* Willd.
- 178. *Sterculia platanifolia* L.f.
- 179. *Tilia cordata* Mill.

MELIACEAE

- 180. *Melia azedarach* L.

MORACEAE

- 181. *Maclura pomifera* (Raf.) C.K.Schneid
- 182. *Maclura tricuspidata* Carriere

NYCTAGINACEAE

- 183. *Mirabilis jalapa* L.

OLIACEAE

- 184. *Fraxinus excelsior* L.
- 185. *Fraxinus ornus* L.
- 186. *Fraxinus pennsylvanica* Marshall
- 187. *Jasminum fruticans* L.
- 188. *Syringa vulgaris* L.

ONAGRACEAE

- 189. *Oenothera biennis* L.

PAEONIACEAE

- 190. *Paeonia arborea* Donn.
- 191. *Paeonia x suffruticosa* Andrews
- 192. *Paeonia tenuifolia* L.

PAPAVERACEAE

- 193. *Glaucium flavum* Crantz
- 194. *Macleaya cordata* (Willd.) R.Br.
- 195. *Macleaya cordata* (Willd.) R.Br. v.yedoensis
- 196. *Papaver orientale* L.

PLATANACEAE

- 197. *Platanus acerifolia* (Aiton) Willd.

PAULWNIACEAE

198. *Paulownia tomentosa* (Thunb.) Steud.

PHYLLANTACEAE

199. *Flueggea suffruticosa* (Pall.) Baill.

PHYTOLACCACEAE

200. *Phytolacca americana* L.

PITTOSPORACEAE

201. *Pittosporum tobira* (Thunb.) W.T.Aiton

PLANTAGINACEAE

202. *Linaria purpurea* (L.) Mill. 'Pink'
203. *Linaria purpurea* (L.) Mill. 'Violet'
204. *Digitalis ferruginea* L. 'Gigantea'
205. *Digitalis lutea* L.
206. *Digitalis lanata* Ehrh.
207. *Veronica spicata* L.

PLUMBAGINACEAE

208. *Armeria pseudoarmeria* (Murray) Mansf.
209. *Armeria pseudoarmeria* (Murray) Mansf. 'Red'
210. *Limonium latifolium* (Sm.) Kuntze
211. *Limonium platyphyllum* Lincz.

PRIMULACEAE

212. *Lysimachia minoricensis* J.J.Rodr.

PUNICACEAE

213. *Punica granatum* L.

RANUNCULACEAE

214. *Anemone coronaria* L.
215. *Anemone japonica* Houtt.
216. *Anemone sylvestris* L.
217. *Clematis integrifolia* L.
218. *Pulsatilla vulgaris* Mill.
219. *Ranunculus polyanthemus* L.

RHAMNACEAE

220. *Paliurus spina-christi* Mill.
221. *Rhamnus frangula* L.

ROSACEAE

222. *Cotoneaster astrophoros* J.Fryer et E.C.Nelson
223. *Cotoneaster dammeri* C.K. Schneid
224. *Cotoneaster horizontalis* Decne.
225. *Cotoneaster integerrimus* Medik.
226. *Crataegus mollis* (Torr.& A.Gray) Scheele
227. *Crataegus monogyna* Jacq.
228. *Geum rhodopaeum* Stoj.& Stej.
229. *Pyracantha coccinea* M. Roem.
230. *Sorbus domestica* L.
231. *Sorbus torminalis* (L.) Crantz
232. *Spiraea japonica* L.f.
233. *Spiraea x vanchoutei* Pall.

RUBIACEAE

234. *Cephalanthus occidentalis* L.

RUTACEAE

- 235. *Poncirus trifoliata* (L.) Raf.
- 236. *Ruta graveolens* L.
- 237. *Tetradium daniellii* (Benn.) T.G.Hartley
- 238. *Zanthoxylum americanum* Mill.
- 239. *Zanthoxylumarmatum* DC.
- 240. *Zanthoxylum giraldii* Hesse.
- 241. *Zanthoxylum simulans* Hance.

SAPINDACEAE

- 242. *Koelreuteria paniculata* Laxm.
- 243. *Sapindus mukorossi* Gaertn.

SAXIFRAGACEAE

- 244. *Heuchera americana* L. 'Dale's Strain'

SOLANACEAE

- 245. *Datura stramonium* L.
- 246. *Nicotiana alata* Link et Otto

ULMACEAE

- 247. *Ulmus campestris* L.

VERBENACEAE

- 248. *Lantana camara* L.
- 249. *Verbena venosa* Spreng.
- 250. *Vitex agnus-castus* L.
- 251. *Vitex negundo* L.

VITACEAE

- 252. *Ampelopsis aconitifolia* Bunge
- 253. *Parthenocissus quinquefolia* (L.) Planch

LILIOPSIDA

AMARYLLIDACEAE

- 254. *Allium aflatunense* B.Fedtsch.
- 255. *Allium sativum* L.
- 256. *Allium schoenoprasum* L.

ASPARAGACEAE

- 257. *Asparagus verticillatus* L.
- 258. *Liriope muscari* (Decne. L.H.Bailey)

CYPERACEAE

- 259. *Holoschoenus vulgaris* Link
- 260. *Scirpus holoschoenus* L.

POACEAE

- 261. *Agropyron elongatum* (R.Br) Spreng.
- 262. *Andropogon scoparius* Michx. 'Blazze'
- 263. *Chasmanthium latifolium* (Michx.) Yates
- 264. *Coix lacryma-jobi* L.
- 265. *Cortaderia selloana* (Schult. et Schult.f.) Asch. et Graebn
- 266. *Cymbopogon flexuosus* (Nees ex Steud.) W. Watson
- 267. *Deschampsia caespitosa* (L.) P.Beauv.
- 268. *Deschampsia flexuosa* (L.) Trin.
- 269. *Elymus arenaria* L.
- 270. *Erianthus ravennae* (L.) P.Beauv.
- 271. *Festuca glauca* Vill.
- 272. *Melica altissima* L. var. *atropurpurea*
- 273. *Miscanthus sinensis* (Thunb.)Anders.
- 274. *Muhlenbergia capillaris* (Lam.) Trin
- 275. *Panicum amarum* Elliott.
- 276. *Pennisetum alopecuroides* (L.)Sprend.
- 277. *Pennisetum glaucum* (L.)R.Br. 'Purple Majesty'

- 278. *Pennisetum orientale* Rich.
- 279. *Pennisetum villosum* Fresen.
- 280. *Sorghastrum nutans* (L.) Nash.
- 281. *Stipa capillata* L.
- 282. *Stipa pennata* L.
- 283. *Stipa ucrainica* P.A.Smirn.

PART II SEEDS OF PLANTS CULTIVATED IN GREENHOUSES

AMARANTHACEAE

- 284. *Pleuropetalum darwinii* Hook.f.

AMARYLLIDACEAE

- 285. *Agapanthus africanus* (L.) Hoffmanns.
- 286. *Habranthus tubispathus* (L.'Her) Traub

APOCYNACEAE

- 287. *Ceropegia woodii* Schltr.

ARACEAE

- 288. *Spathiphyllum cochlearispathum*(Liebm.) Engl.

ARISTOLOCHIACEAE

- 289. *Aristolochia elegans* Mast

BROMELIACEAE

- 290. *Aechmea bracteata*(Sw.) Griseb.

CUCURBITACEAE

291. *Kedrostis leloja* (Forssk. ex J.F.Gmel.) C.Jeffrey

LYTHRACEAE

292. *Punica granatum* L. 'Nana'

MALVACEAE

293. *Sida rhombifolia* L.

MYRTACEAE

294. *Callistemon citrinus*(Curtis) Skeels

ORCHIDACEAE

295. *Vanilla planifolia* Jacks. ex Andrews

OLEACEAE

296. *Jasminum floridum* Bunge

OXALIDACEAE

297. *Biophytum sensitivum* (L.) DC.

PASSIFLORACEAE

298. *Passiflora morifolia* Mast.
299. *Passiflora suberosa* L
300. *Bulbine semibarbata* (R.Br.) Haw.

ZINGIBERACEAE

301. *Alpinia arctiflora* (F.Muell.) Benth.

PART III CACTI CULTIVATED INDOORS

CACTACEAE

302. *Brasiliocactus haselbergii* (F.Haage) Backbg. ex Schaff.
303. *Cleistocactus buchettii* Backbg.
304. *Cleistocactus flavispinus* (K. Sch.non SD) Backbg.
305. *Cleistocactus parviflorus* (K.Sch.)Goss.
306. *Cleistocactus santacruzensis* Backbg.
307. *Discocactus* 'Red Coral'
308. *Epiphyllum phyllanthus* (L.) Haw.
309. *Epithelantha densispina* H.Bravo
310. *Epithelantha micromeris* (Engelm.)F.A.C.Weber ex Britton et Rose
311. *Epithelantha micromeris* (Engelm.)F.A.C.Weber ex Britton Rose var.*greggii* (Eng.)Berg.
312. *Mammillaria bocasana* Pos. var. *multilanata* Hort.
313. *Mammillaria centricirrha* Lem.var. *curvispina*
314. *Mammillaria columbiana* Salm-Dyck
315. *Mammillaria columbiana* Salm-Dyck var. *bogotensis* (Werd)Dugand
316. *Mammillaria conspicua* J.A.Purp
317. *Mammillaria crebrispinata* DC
318. *Mammillaria crocidata* Lem.
319. *Mammillaria crucigera* Mart.
320. *Mammillaria grusonii* Runge
321. *Mammillaria inaeolata* Graig
322. *Mammillaria ingens* Backbg.
323. *Mammillaria kewensis* SD.
324. *Mammillaria knuthii* Echenberg
325. *Mammillaria mammillaris* (L.) H.Karst.
326. *Mammillaria multiceps* Salm-Dyck
327. *Mammillaria neocoronaria* F.M.Knuth
328. *Mammillaria nivosa* Lk.
329. *Mammillaria painteri* Rose
330. *Mammillaria pennispinosa* Krainz.

331. *Mammillaria prolifera* (Mill.) Haw.
332. *Mammillaria prolifera* (Mill.) Haw. var. *haitiensis* Hort.
333. *Mammillaria pseudoperbella* Quehl
334. *Mammillaria ruestii* Quehl
335. *Mammillaria simplex* Torr. et A.Gray
336. *Mammillaria spinosissima* Lem. 'Rubrispina'
337. *Melocactus matanzanus* Leon.
338. *Notocactus caespitosus* (Speg.) Backbg
339. *Notocactus submammulosus* (Lem.)Backbg
340. *Opuntia aciculata* Griggiths.
341. *Opuntia alta* Griffiths
342. *Opuntia hyptiacantha* Web.
343. *Opuntia maxima* Mill.
344. *Opuntia schumannii* Web.
345. *Opuntia streptacantha* Lem.
346. *Opuncia stricta* Haw.
347. *Opuntia tomentosa* SD.
348. *Parodia saint-pieana* Backbg.
349. *Rhipsalis angustissima* F.A.C.Weber
350. *Rhipsalis baccifera* (J.S.Muell.) Stearn ssp. *horrida* (Baker)
Barthlott.
351. *Rhipsalis coralloides* Rauh
352. *Rhipsalis heteroclada* Br.& R.
353. *Rhipsalis lumbricoides* (Lem.) Lem.
354. *Rhipsalis pitttieri* (Br.& R.)H. Friedr.
355. *Rhipsalis purpusii* Weing.
356. *Rhodocactus grandifolius* (Haw) Knuth
357. *Submatucana paucicostata* (F.Ritter) Backbg.

PART IV SUCCULENTS CULTIVATED

AIZOACEAE

- 358. *Aptenia lancifolia* L.Bol.
- 359. *Drosanthemum floribundum* (Haw.) Schwantes

AMARYLLIDACEAE

- 360. *Haemanthus albiflos* Jacq.

ASPHODELOIDEAE

- 361. *Aloe millotii* Reyn.
- 362. *Aloe somaliensis* Watson
- 363. *Aloe striata* Haw.
- 364. *Lomatophyllum prostratum* Guillm.

ASTERACEAE

- 365. *Senecio articulatus* (L.f.) Sch.Bip.
- 366. *Senecio barbertonicus* Klatt
- 367. *Senecio citriformis* Rowl.
- 368. *Senecio jacobsenii* Rowl.
- 369. *Senecio longifolius* (DC.) Sch.Bip
- 370. *Senecio medley-woodi* Hutch.
- 371. *Senecio pendulus* (Forsk.) Sch.Bip.
- 372. *Senecio sempervivus* (Forsk.) Sch.Bip

BROMELIACEAE

- 373. *Puya alpestris* Gay

BURSERACEAE

- 374. *Bursera fagaroides* (Kunth)Engl.

CRASSULACEAE

- 375. *Monanthes polyphylla* (Aiton) Haw.
- 376. *Sedum takesimense* Nakai

EUPHORBIACEAE

- 377. *Codiaeum variegatum* (L.) Rumph.ex A.Juss

PART V WINTERHARDY CACTI AND SUCCULENTS CULTIVATED OUTDOOR

CACTACEAE

- 378. *Opuntia aureispina* (S.Brack et K.D.Heil) Pinkava et B.D.Parfit
- 379. *Opuntia compressa* (Salisb.) J.F.MacBr.
- 380. *Opuntia engelmannii* Salm-Dyck
- 381. *Opuntia erinacea* Engelm. et J.M.Bigelow var. *utahensis* (Eng.)Benson
- 382. *Opuntia humifusa* (Raf.) Raf. 'Monmouth'
- 383. *Opuntia lindheimeri* Engelm.
- 384. *Opuntia macrorhiza* Engelm.
- 385. *Opuntia phaeacantha* Engelm. 'Pueblitos'
- 386. *Opuntia phaeacantha* Engelm. 'Orangeade'
- 387. *Opuntia phaeacantha* Engelm. var. *camanricha* (Eng.) Borg. 'Albispina'
- 388. *Opuntia phaeacantha* Engelm. var. *major* Eng.
- 389. *Opuntia phaeacantha* Engelm. var. *minor*
- 390. *Opuntia phaeacantha* Engelm. var. *rubra* Hort.
- 391. *Opuntia tortispina* Engelm. et J.M.Bigelow
- 392. *Opuntia violacea* Engelm.
- 393. *Opuntia winteriana* A.Berger

Plant Material Supply Agreement

As part of the commitment by this botanic garden to implementing the provisions of the Convention on Biological Diversity, the plant material listed below is supplied on condition that:

- a) it is used for the common good, for research, education, conservation and display;
- b) genetic material or resources or products derived from it are not passed to, or transferred in any way, to a third party without prior written permission from the above named botanic garden, and then only subject to a legally binding material supply agreement consistent with the agreement contained herein;
- c) publications resulting from research undertaken on the material supplied, or related to the study of that material, will acknowledge the source of this material;
- d) copies of any such publications will be lodged with the above named botanic garden within one year of the appearance of those publication;
- e) if the recipient of the material seeks to commercialize that material, or its progeny, or any derivatives thereof, that prior informed consent must first be obtained from the above named botanic garden. It is expected that any such commercialisation will be subject to a separate agreement.

I accept the conditions above and agree to implement these provisions.

Name: _____ Date: _____

Position/Designation: _____

Signature: _____ Stamp

Please return this form to:

**University Botanic Garden
9600 Balchik
P.O. Box 56
BULGARIA**

Dear Colleagues,

We are pleased to inform you that our Index Seminar 2017 can be found on our website:

<http://ubg-bg.com>

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You can make your requests via e-mail to: index_seminum_ubg@ubg-bg.com and also by post using the Desiderata along MSA with signature and stamp. Only one number per box, please!

Please return this form before 30.04.2017 to the following address:

UNIVERSITY
BOTANIC GARDEN Balchik 9600
P.O.Box 56
BULGARIA

MAXIMUM 15 NUMBERS OF REQUESTED SAMPLES

D E S I D E R A T A
