



Hortus Botanicus Lodziensis

INDEX SEMINUM 2021



OGRÓD BOTANICZNY W ŁODZI

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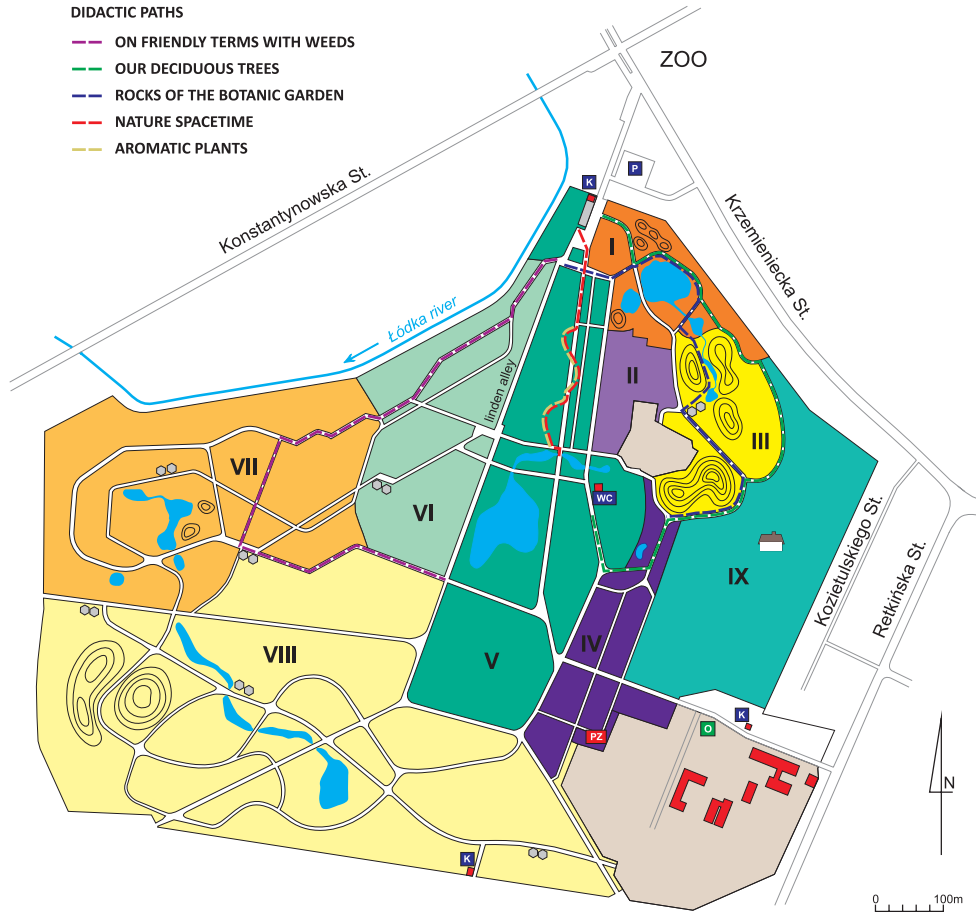
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The Botanic Garden in Lodz



- I** JAPANESE GARDEN
- II** PLANT TAXONOMY SECTION
- III** ALPINE GARDE
- IV** DECORATIVE PLANT SECTION
- V** PARK GREENERY
- VI** MEDICINAL PLANT SECTION
- VII** POLISH FLORA SECTION
- VIII** ARBORETUM
- IX** PLANT OPEN-AIR MUSEUM
- PRODUCTION, SOCIAL AND ADMINISTRATIVE FACILITIES

- MAIN ROADS
- WATERCOURSES AND PONDS
- HILLS
- BUILDINGS
- SHEDS
- PLACES FOR REST
- FIREPLACE
- TICKET OFFICE
- PARKING
- PLAYGROUND

Geographical location of the Botanic Garden:

Latitude: 51°44'30" N

Longitude: 19°24'30" E

Altitude: 187 m above sea level

Garden area: 67 ha



Climatic data:

Meteorological data for the period 2000 to 2019	Date
Annual average air temperature: +9,0°C	
Maximum air temperature: +37,0°C	08.08.2013
Minimum air temperature: -30,2°C	23.01.2006
Average annual precipitation: 589,29 mm	

Meteorological data for 2020	Date
Annual average air temperature: +9,9°C	
Maximum air temperature: +32,0°C	22.08.2020
Minimum air temperature: -9,3°C	24.03.2020
Annual precipitation: 603,2 mm	

The climatic data taken from the meteorological station Lodz-Lublinek from the Institute of Meteorology and Water Management (IMGW).

The Botanic Garden in Lodz is located in the western part of the city and covers an area of 67 hectares. The garden was opened to the public in 1973. The Garden's plant collection consist of over 3300 taxa which are exhibited in the thematic sections: japanese garden, plant taxonomy section, alpine garden, decorative plant section, park greenery, medicinal plant section, polish flora section, arboretum and the Open-air Plant Museum (with traditional rural garden and orchard). The biggest attraction of the Garden are: a collection of about 60 000 tulips forming in late april picturesque carpet, a collection of peonies and daylilies represented by many varieties, collection of medicinal plants, lilacs, hydrangeas, ornamental apple trees and many others. In the Garden there are several educational paths which allow visitors to explore the mysteries of nature. The one of the most popular attraction of the Botanic Garden is also the garden maze.

The Botanic Garden has also an interesting collection of greenhouse plants (2200 taxa), which is presented in the Palm House. There are three pavilions: subtropical flora, cacti and other succulents and tropical flora with, the oldest in Poland, palm trees. The integral part of the Palm House is a Didactic Garden which has a lot of plant rarities, especially shrubs and trees.

Primarily the Garden performs didactic functions, popularizes horticultural, botanic and ecological knowledge and plays the social role. Garden staff conduct a variety of educational activities such as workshops, laboratory exercises and guided tours for children and adults. During each year there are more than 20 organized thematic exhibitions and outdoor events. A very important role of the Garden is also rare and endangered plant species conservation.



Gunnera manicata Linden ex Delchev. (photo by Kamila Kolasińska)



The Perennial Border in the middle of summer (photo by Kamila Kolasińska)



International Festival of Youth Creativity „Folk Inspiration” at the Open-air Plant Museum (photo by Anna Bednarek-Reszka)



Palm trees at the tropical flora pavilion in the Palm House (photo by Aleksandra Nowacka)



Pavilion of the subtropical flora in the Palm House (photo by Aleksandra Nowacka)

Seeds collected from plants cultivated outdoors in the Botanic Garden in Lodz in 2021
 (* - seeds collected in 2020, ** - seeds collected in 2019)

ACANTHACEAE

1. *Acanthus hungaricus* (Borbás) Baen. *

ACERACEAE

2. *Acer campestre* L.
3. *Acer griseum* (Franch.) Pax *
4. *Acer negundo* L.
5. *Acer platanoides* L. *
6. *Acer pseudoplatanus* L. *

ALLIACEAE

7. *Allium pyrenaicum* Costa & Vayr.
8. *Allium tuberosum* Rottler ex Spreng.
9. *Allium victorialis* L.

ANACARDIACEAE

10. *Cotinus coggygria* 'Purpureus'
11. *Cotinus coggygria* 'Royal Purple'
12. *Rhus glabra* 'Laciniata'
13. *Rhus typhina* L.

APIACEAE

14. *Angelica archangelica* L.
15. *Anthriscus sylvestris* (L.) Hoffm. **
16. *Astrantia major* 'Sunningdale Variegated' **
17. *Eryngium campestre* L. **
18. *Eryngium caucasicum* Fisch. ex Steud. *
19. *Eryngium giganteum* M.Bieb.
20. *Eryngium xoliverianum* Delarbre **
21. *Eryngium planum* L. *
22. *Eryngium yuccifolium* Michx.
23. *Foeniculum vulgare* Mill.
24. *Myrrhis odorata* (L.) Scop.
25. *Pastinaca sativa* L. *

APOCYNACEAE

26. *Amsonia tabernaemontana* Walter *
27. *Apocynum cannabinum* L. *

AQUIFOLIACEAE

28. *Ilex aquifolium* L.

ARACEAE

29. *Arisaema amurense* Maxim.

30. *Arisaema triphyllum* (L.) Schott **

31. *Arum italicum* 'Marmoratum' *

ARALIACEAE

32. *Eleutherococcus sessiliflorus* (Rupr. ex Maxim.) S.Y.Hu *

ASCLEPIADACEAE

33. *Vincetoxicum hirundinaria* Medik. **

ASTERACEAE

34. *Achillea clypeolata* Sibth. et Sm. **
35. *Achillea filipendulina* Lam. **
36. *Achillea filipendulina* 'Parker's Variety'
37. *Achillea macrophylla* L.
38. *Achillea millefolium* L.
39. *Achillea nobilis* L. **
40. *Achillea ptarmica* L.
41. *Anaphalis margaritacea* (L.) Benth.
42. *Arctium lappa* L.
43. *Arnica chamissonis* Less. **
44. *Artemisia absinthium* L. **
45. *Artemisia vulgaris* L. **
46. *Aster cordifolius* L. **
47. *Aster macrophyllus* L. **
48. *Balsamita major* Desf. **
49. *Centaurea dealbata* Willd. *
50. *Centaurea pulcherrima* Willd. **
51. *Centaurea scabiosa* L. *
52. *Cichorium intybus* L. *
53. *Coreopsis angustifolia* L.
54. *Coreopsis grandiflora* Nutt. ex Chapm.
55. *Coreopsis grandiflora* 'Nana' *
56. *Coreopsis lanceolata* L. **
57. *Coreopsis palmata* Nutt.
58. *Coreopsis pubescens* Elliott **
59. *Coreopsis verticillata* 'Grandiflora'
60. *Cynara cardunculus* L.
61. *Echinacea purpurea* (L.) Moench
62. *Echinops horridus* Desf.
63. *Echinops humilis* M.Bieb.
64. *Gaillardia aristata* Pursh **
65. *Gaillardia picta* Sweet
66. *Grindelia robusta* Nutt. *
67. *Grindelia squarrosa* (Pursh) Dunal **

68. Helianthemum apenninum 'Roseum'
 69. Helianthemum 'Fire Dragon'
 70. Heliopsis helianthoides 'Asahi'
 71. Heliopsis helianthoides var. scabra (Dunal) Fernald *
 72. Inula helenium L.
 73. Liatris × platylepis (Schumann) Small *
 74. Liatris pycnostachya Michx.
 75. Liatris spicata (L.) Willd.
 76. Liatris spicata 'Alba'
 77. Liatris spicata var. montana A.Gray *
 78. Ligularia dentata (A. Gray) H.Hara **
 79. Ligularia stenocephala (Maxim.) Matsum. et Koidz.
 80. Ligularia veitchiana (Hemsl.) Greenm.
 81. Rudbeckia laciniata L. *
 82. Serratula tinctoria L. **
 83. Silphium perfoliatum L. **
 84. Silybum marianum (L.) Gaertn.
 85. Solidago graminifolia (L.) Elliott *
 86. Solidago 'Strahlenkrone'
 87. Solidago virgaurea L.
 88. Tanacetum vulgare L.
 89. Telekia speciosa (Schreb.) Baumg. **

BERBERIDACEAE

90. Berberis julianae C.K.Schneid.
 91. Berberis koreana Palib. *
 92. Berberis × ottawensis 'Silver Miles' *
 93. Berberis vulgaris L.

BETULACEAE

94. Alnus glutinosa (L.) Gaertn.
 95. Betula alleghaniensis Britton
 96. Betula fruticosa Pall. *
 97. Betula obscura Kotula *
 98. Betula pendula Roth **

BIGNONIACEAE

99. Catalpa bignonioides Walter
 100. Catalpa xerubescens Carrière
 101. Catalpa fargesii fo. duclouxii (Dode) Gilmour
 102. Catalpa speciosa Warder ex Engelm.

BORAGINACEAE

103. Alkanna tinctoria L. *
 104. Anchusa officinalis L. *

105. Borago officinalis L. **
 106. Phacelia tanacetifolia Benth.

BRASSICACEAE

107. Alyssoides urticulata (L.) Medik. *
 108. Alyssum argenteum All. **
 109. Arabis hirsuta (L.) Scop. *
 110. Aurinia saxatilis (L.) Desv. **
 111. Camelina sativa (L.) Crantz **
 112. Lunaria annua L. *

CAESALPINIACEAE

113. Cercis siliquastrum L.
 114. Gleditsia triacanthos L.
 115. Gleditsia triacanthos var. inermis Willd.
 116. Gymnocladus dioica (L.) K.Koch

CAMPANULACEAE

117. Campanula alliariifolia Willd. **
 118. Campanula hofmannii (Pantan.) Greuter & Burdet *
 119. Campanula latifolia L. *
 120. Campanula persicifolia L.
 121. Campsis radicans (L.) Bureau
 122. Codonopsis pilosula (Franch.) Nannf. *
 123. Lobelia siphilitica L.
 124. Platycodon grandiflorus (Jacq.) A.DC.
 125. Platycodon grandiflorus 'Double White'

CANNABACEAE

126. Humulus lupulus L.

CAPRIFOLIACEAE

127. Cephalaria gigantea (Ledeb.) Bobrov
 128. Kolkwitzia amabilis Graebn.
 129. Lonicera alpigena L. **
 130. Lonicera henryi Hemsl. *
 131. Lonicera maackii (Rupr.) Maxim. *
 132. Lonicera vesicaria Kom.
 133. Sambucus nigra L.
 134. Viburnum opulus L.
 135. Viburnum opulus 'Xanthocarpum'
 136. Viburnum rhytidophyllum Hemsl. *

CARICACEAE

137. Carica papaya L.

CARYOPHYLLACEAE

138. Gypsophila paniculata L. *
 139. Lychnis coronaria (L.) Desr. *
 140. Saponaria officinalis L.
 141. Silene compacta Fisch.
 142. Silene otites Sm. *
 143. Silene samojedorum (Sambuk) Oxelman

CELASTRACEAE

144. Celastrus orbiculatus Thunb. *
 145. Euonymus bungeanus Maxim. **
 146. Euonymus europaeus L. *
 147. Euonymus macropterus Rupr. **
 148. Euonymus nanus M.Bieb.

CLUSIACEAE

149. Hypericum olympicum L.
 150. Hypericum perforatum L. *

CONVALLARIACEAE

151. Convallaria majalis L. *

CORNACEAE

152. Cornus kousa var. chinensis (Osborn) Q.Y.Xiang
 153. Cornus mas L.
 154. Cornus sanguinea L. **

CORYLACEAE

155. Carpinus betulus L. *
 156. Carpinus betulus 'Pendula' *
 157. Carpinus caroliniana Walter *
 158. Carpinus japonica Blume **
 159. Ostrya carpinifolia Scop.

CRASSULACEAE

160. Sedum aizoon L. *

CUCURBITACEAE

161. Bryonia dioica Jacq.
 162. Cucurbita pepo L. *

CUPRESSACEAE

163. Calocedrus decurrens (Torr.) Florin *
 164. Chamaecyparis lawsoniana (A.Murray bis) Parl.T **
 165. Juniperus communis L. **
 166. Juniperus sabina L. **

167. Platycladus orientalis (L.) Franco *
 168. Thuja occidentalis L. *
 169. Thuja plicata Donn ex D.Don *

DIPSACACEAE

170. Scabiosa japonica var. alpina Takeda **

EALAEAGNACEAE

171. Elaeagnus angustifolia L.
 172. Hippophaë rhamnoides L. *

EUCOMIACEAE

173. Eucommia ulmoides Oliv.

EUPHORBIACEAE

174. Ricinus communis L.
 175. Securinega suffruticosa (Pall.) Rehder *

FABACEAE

176. Baptisia australis (L.) R. Br. *
 177. Colutea arborescens L. **
 178. Dolichos lablab L. *
 179. Galega officinalis L. *
 180. Genista tinctoria L. *
 181. Glycyrrhiza glabra L.
 182. Laburnum alpinum (Mill.) Bercht. ex J. Presl
 183. Laburnum xwatereri 'Vossii' *
 184. Melilotus officinalis (L.) Pall. **
 185. Phaseolus coccineus L. *
 186. Robinia pseudoacacia 'Unifoliola' **
 187. Trigonella caerulea (L.) Ser. *
 188. Wisteria floribunda (Willd.) DC. *

FAGACEAE

189. Castanea sativa Mill.
 190. Fagus sylvatica L.
 191. Fagus sylvatica 'Incisa' *
 192. Fagus sylvatica 'Spaethiana'
 193. Quercus cerris L.
 194. Quercus libani Olivier
 195. Quercus robur L.
 196. Quercus rubra L.

GLOBULARIACEAE

197. Globularia repens Lam. **

HAMAMELIDACEAE

198. Hamamelis vernalis Sarg.

HEMEROCALLIDACEAE

199. Hemerocallis fulva L. *

HIPPOCASTANACEAE

200. Aesculus glabra Willd.
201. Aesculus hippocastanum L.
202. Aesculus parviflora Walter
203. Aesculus turbinata Blume

IRIDACEAE

204. Iris versicolor L. **

JUGLANDACEAE

205. Juglans ailantifolia Carrière
206. Pterocarya fraxinifolia Spach
207. Pterocarya stenoptera C.DC. **

JUNCACEAE

208. Luzula sylvatica (Huds.) Gaudin **

LAMIACEAE

209. Agastache rugosa (Fisch. et C.A.Mey.)
Kuntze *
210. Agastache rugosa 'Golden Jubilee' *
211. Betonica officinalis L.
212. Callicarpa japonica Thunb. *
213. Hyssopus officinalis L. *
214. Lavandula angustifolia Mill.
215. Lavandula angustifolia 'Dwarf Blue' *
216. Leonurus cardiaca L.
217. Marrubium vulgare L.
218. Melissa officinalis L. **
219. Monarda didyma L.
220. Nepeta cataria L. **
221. Nepeta grandiflora M.Bieb.
222. Origanum vulgare L. *
223. Physostegia virginiana (L.) Benth. *
224. Physostegia virginiana 'Summer Snow'
225. Prunella grandiflora 'Alba'
226. Prunella hyssopifolia L. *
227. Prunella vulgaris L. **
228. Salvia hispanica L.
229. Salvia nemorosa L.
230. Salvia officinalis L.
231. Salvia pratensis L.

232. Salvia sclarea L. *
233. Salvia verticillata L.
234. Satureja hortensis L. **
235. Satureja montana L. **
236. Scutellaria baicalensis Georgi
237. Stachys byzantina K.Koch *
238. Stachys grandiflora (Stev. et Willd.)
Benth. *
239. Teucrium chamaedrys L. *
240. Teucrium scorodonia L. *
241. Thymus pulcherrimus Schur **

LARDIZABALACEAE

242. Decaisnea fargesii Franch. **

LINACEAE

243. Linum usitatissimum L. **

LYTHRACEAE

244. Lythrum salicaria L. *

MAGNOLIACEAE

245. Magnolia acuminata (L.) L.
246. Magnolia 'Elizabeth'
247. Magnolia kobus DC.
248. Magnolia xloebneri 'Ballerina'
249. Magnolia tripetala (L.) L.

MALVACEAE

250. Abelmoschus esculentus (L.) Moench
251. Alcea rosea L. *
252. Alcea rosea 'Nigra'
253. Alcea rosea 'Summer Carnival' *
254. Alcea rosea 'Nigra'
255. Althaea officinalis L.
256. Pachira aquatica Aubl. *
257. Sida hermaphrodita (L.) Rusby

MELANTHIACEAE

258. Veratrum nigrum L. *

MORACEAE

259. Maclura pomifera (Raf.) C.K.Schneid.

MYRICACEAE

260. Myrica pensylvanica Mirb.

OLEACEAE

261. Fontanesia phillyreoides subsp. fortunei
(Carrière) Yalt. *
262. Fraxinus excelsior L.
263. Fraxinus excelsior 'Pendula' *
264. Fraxinus ornus L.
265. Jasminum nudiflorum Lindl. **
266. Ligustrum obtusifolium Siebold et Zucc. *
267. Ligustrum vulgare L. *
268. Ligustrum vulgare 'Chlorocarpum' *

ONAGRACEAE

269. Chamaenerion angustifolium (L.) Scop.
270. Oenothera biennis L. **

OSMUNDACEAE

271. Osmunda regalis 'Purpurascens' *

PAPAVERACEAE

272. Glaucium flavum Crantz **
273. Macleaya cordata (Willd.) R.Br. **
274. Papaver orientale L.
275. Papaver rhoeas L.

PHYTOLACCACEAE

276. Phytolacca americana L.

PINACEAE

277. Larix decidua Mill. *
278. Larix kaempferii (Lamb.) Carrière *
279. Picea abies f. chlorocarpa Th.Fr. *
280. Picea omorika (Pančić) Purk.
281. Picea orientalis 'Aureospicata'
282. Picea pungens Engelm. *
283. Pinus banksiana Lamb. *
284. Pinus mugo Turra
285. Pinus nigra Arnold
286. Pinus ponderosa Douglas ex Lawson et
C.Lawson **
287. Pinus strobus L. **
288. Pinus sylvestris L. **
289. Pinus sylvestris 'Fastigiata' *

PLANTAGINACEAE

290. Penstemon cardinalis Wootton & Standl.
291. Penstemon grandiflorum Nutt.
292. Penstemon hirsutus (L.) Willd.
293. Penstemon ovatus Douglas *

294. Penstemon serrulatus Menzies ex Sm.
295. Penstemon wilcoxii Rydb.
296. Plantago lanceolata L.
297. Plantago major L.
298. Plantago major 'Purpurea'
299. Plantago maritima L. **

PLATANACEAE

300. Platanus occidentalis L.
301. Platanus orientalis L. *

PLUMBAGINACEAE

302. Armeria maritima 'Rubrifolia'

POLEMONIACEAE

303. Polemonium caeruleum L.

POLYGONACEAE

304. Fagopyrum esculentum Moench *
305. Rumex hydrolypaphum Huds. *

PRIMULACEAE

306. Dodecatheon pulchellum (Raf.) Merr. *
307. Primula amoena M. Bieb. **
308. Primula elatior (L.) Hill
309. Primula elatior subsp. Ruprechtii **
310. Primula japonica 'Miller's Crimson' **

RANUNCULACEAE

311. Actaea dahurica Turcz. ex Fisch.
& C.A. Mey.
312. Actaea europaea (Schipcz.) J.Compton *
313. Actaea racemosa L. **
314. Actaea spicata L. **
315. Anemone baicalensis Turcz.
316. Anemone sylvestris 'Macrantha'
317. Anemone tomentosa (Maxim.) C.Pei
318. Anemone vitifolia Buch.-Ham. ex DC.
319. Aquilegia alpina L. **
320. Aquilegia x hybrida 'Biedermeier' **
321. Aquilegia vulgaris 'Clementine Blue'
322. Aquilegia vulgaris 'Woodside Gold' *
323. Clematis alpina (L.) Mill
324. Clematis heracleifolia DC.
325. Clematis recta L.*
326. Clematis vitalba L.*
327. Consolida regalis Gray *
328. Delphinium grandiflorum L. **

329. *Helleborus argutifolius* Viv.
 330. *Helleborus foetidus* L.
 331. *Nigella damascena* L.
 332. *Nigella sativa* L. *
 333. *Thalictrum dipterocarpum* Franch.

RHAMNACEAE

334. *Ceanothus xdelilianus* 'Gloire de Versailles'
 335. *Frangula alnus* L. *
 336. *Rhamnus cathartica* L. *

ROSACEAE

337. *Agrimonia eupatoria* L.
 338. *Agrimonia eupatoria* var. *grandiflora* Kuntze
 339. *Agrimonia striata* L.
 340. *Alchemilla mollis* Rothm. *
 341. *Alchemilla plicatula* Gand.
 342. *Alchemilla xanthochlora* Rothm.
 343. *Aronia melanocarpa* (Michx.) Elliott *
 344. *Aruncus dioicus* (Walter) Fernald **
 345. *Chaenomeles japonica* (Thunb.) Lindl.
 346. *Chaenomeles speciosa* (Sweet) Nakai
 347. *Chaenomeles xsuperba* 'Vesuvius'
 348. *Cotoneaster acutifolius* Turcz. *
 349. *Cotoneaster ascendens* (Flinck & B. Hylmö) **
 350. *Cotoneaster boisianus* Klotz *
 351. *Cotoneaster bullatus* Bois**
 352. *Cotoneaster buxifolius* Wall. ex Lindl. *
 353. *Cotoneaster dammeri* C.K.Schneid. *
 354. *Cotoneaster dielsianus* E.Pritz. ex Diels *
 355. *Cotoneaster foveolatus* Rehder et E.H.Wilson*
 356. *Cotoneaster franchetii* Bois **
 357. *Cotoneaster giraldii* Flinck et B. Hylmö et G. Klotz *
 358. *Cotoneaster hissaricus* Pojark. *
 359. *Cotoneaster hjelmqvistii* Flinck et B.Hylmö *
 360. *Cotoneaster horizontalis* Decne. *
 361. *Cotoneaster lucidus* Schltld. *
 362. *Cotoneaster microphyllus* Wall. ex Lindl. *
 363. *Cotoneaster nanshan* Mottet *
 364. *Cotoneaster niger* (Wahlb.) Fr. *
 365. *Cotoneaster procumbens* 'Streib's Findling' *

366. *Cotoneaster simonsii* Baker *
 367. *Cotoneaster splendens* Flinck et Hylmö
 368. *Cotoneaster xsucicus* 'Coral Beauty' *
 369. *Cotoneaster* 'Ursynów' *
 370. *Cotoneaster wardii* W.W.Sm. *
 371. *Cotoneaster zabelii* C.K.Schneid. **
 372. *Crataegus calpodendron* (Ehrh.) Medik. **
 373. *Crataegus coccinea* L. *
 374. *Crataegus crus-galli* L. *
 375. *Crataegus intricata* Lange
 376. *Crataegus laevigata* (Poir.) DC.
 377. *Crataegus monogyna* Jacq. *
 378. *Crataegus punctata* 'Aurea'
 379. *Crataegus sanguinea* Pall. *
 380. *Cydonia oblonga* Mill.
 381. *Dryas octopetala* L.
 382. *Exochorda korolkowii* Lavallée *
 383. *Filipendula palmata* (Pall.) Maxim.
 384. *Filipendula ulmaria* (L.) Maxim.
 385. *Filipendula vulgaris* Moench
 386. *Geum triflorum* Pursh
 387. *Geum urbanum* L. **
 388. *Malus glaucescens* Rehder
 389. *Malus* 'Fryderyk Chopin' **
 390. *Malus* 'Yellow Siberian' *
 391. *Photinia villosa* (Thunb.) DC. *
 392. *Physocarpus opulifolius* (L.) Maxim. **
 393. *Physocarpus opulifolius* 'Diabolo'
 394. *Physocarpus opulifolius* 'Luteus'
 395. *Potentilla arguta* Pursh
 396. *Potentilla erecta* (L.) Raeusch. **
 397. *Potentilla fulgens* Wall. ex Hook.
 398. *Potentilla grandiflora* L.
 399. *Potentilla recta* L.
 400. *Potentilla rupestris* var. *pygmaea* Duby
 401. *Prinsepia sinensis* (Oliv.) Oliv. ex Bean *
 402. *Prinsepia uniflora* Batalin
 403. *Pyracantha coccinea* 'Lalandei' *
 404. *Pyracantha coccinea* var. *kuntayi* *
 405. *Pyracantha* 'Deart's Daffodil' *
 406. *Pyracantha* 'Orange Glow' *
 407. *Pyrus salicifolia* Pall. *
 408. *Rhodothypos scandens* (Thunb.) Makino *
 409. *Rosa acicularis* Lindl. *
 410. *Rosa agrestis* Savi *
 411. *Rosa amblyotis* C.A. Mey. *
 412. *Rosa arvensis* Huds. *
 413. *Rosa banksiopsis* Baker **

414. *Rosa blanda* Aiton *
 415. *Rosa canina* L.
 416. *Rosa carolina* L. *
 417. *Rosa corymbifera* Borkh. *
 418. *Rosa davurica* Pall. *
 419. *Rosa dumalis* Bechst. *
 420. *Rosa filipes* Rehder et E.H.Wilson *
 421. *Rosa gallica* L. *
 422. *Rosa glauca* Pourr.
 423. *Rosa inodora* Fr. *
 424. *Rosa jundzillii* Besser *
 425. *Rosa majalis* Herrm. *
 426. *Rosa micrantha* Borrer ex Sm. *
 427. *Rosa moyesii* Hemsl. et E.H.Wilson *
 428. *Rosa moschata* Mill. *
 429. *Rosa multiflora* T.T. Yu & T.C. Ku **
 430. *Rosa multiflora* 'Inermis'
 431. *Rosa nutkana* Pall. *
 432. *Rosa pimpinellifolia* L.
 433. *Rosa pisocarpa* A. Gray *
 434. *Rosa roxburghii* Tratt. *
 435. *Rosa roxburghii* var. *hirtula* Rehder et E.H. Wilson *
 436. *Rosa rubiginosa* L. *
 437. *Rosa rugosa* Thunb. *
 438. *Rosa rugosa* 'Alba' *
 439. *Rosa sempervirens* L. *
 440. *Rosa setigera* Michx. *
 441. *Rosa stylosa* Desv. *
 442. *Rosa tomentosa* Sm. *
 443. *Rosa virginiana* Mill. *
 444. *Rosa woodsii* Lindl. *
 445. *Sanguisorba canadensis* L.
 446. *Sanguisorba officinalis* L.
 447. *Sorbus xarnoldiana* 'Golden Wonder'
 448. *Sorbus discolor* (Maxim.) Maxim. **
 449. *Sorbus domestica* L. *
 450. *Sorbus intermedia* (Ehrh.) Pers. *
 451. *Sorbus* 'Pink Veil' **

RUBIACEAE

452. *Cephalanthus occidentalis* L.

RUTACEAE

453. *Dictamnus albus* L.
 454. *Phellodendron amurense* Rupr. *
 455. *Ptelea trifoliata* L. *
 456. *Ruta graveolens* L.

SAXIFRAGACEAE

457. *Heuchera chlorantha* Piper
 458. *Heuchera cylindrica* Dougl. ex Hook. **
 459. *Heuchera* 'Licorice'
 460. *Heuchera micrantha* var. *diversifolia* (Rydb.) Rosend., Batters et Lakela
 461. *Heuchera pilosissima* Benth. *
 462. *Heuchera* 'Plum Pudding'
 463. *Heuchera richardsonii* R.Br.
 464. *Tiarella cordifolia* L.

SCHISANDRACEAE

465. *Schisandra chinensis* (Turcz.) Baill.*

SCROPHULARIACEAE

466. *Digitalis grandiflora* Mill. *
 467. *Digitalis lanata* Ehrh. *
 468. *Digitalis lutea* L. **
 469. *Digitalis purpurea* L. **
 470. *Paulownia tomentosa* (Thunb.) Steud. **
 471. *Scrophularia nodosa* L.
 472. *Verbascum bombyciferum* Boiss. **
 473. *Verbascum speciosum* Schrad. **
 474. *Verbascum thapsus* L. **
 475. *Veronica caucasica* M.Bieb. *
 476. *Veronica longifolia* L.
 477. *Veronica spicata* subsp. *incana* (L.) Walters
 478. *Veronica spicata* subsp. *orchidea* (Crantz) Hayek
 479. *Veronica spicata* 'Nana'

SOLANACEAE

480. *Atropa belladonna* L.
 481. *Datura stramonium* L. *
 482. *Hyoscyamus niger* L. **
 483. *Nicotiana alata* Link et Otto
 484. *Nicotiana tabacum* L.
 485. *Physalis alkekengi* L.
 486. *Physalis ixocarpa* 'Amarylla'
 487. *Solanum dulcamara* L. *

STAPHYLEACEAE

488. *Staphylea colchica* Steven *

TAXACEAE

489. *Taxus baccata* L. *
 490. *Taxus baccata* 'Elegantissima' **

TAXODIACEAE

491. *Taxodium distichum* (L.) Rich. **

TILIACEAE

492. *Tilia americana* 'Macrophylla'

493. *Tilia cordata* Mill.

494. *Tilia platyphyllos* Scop. *

495. *Tilia tomentosa* Moench *

ULMACEAE

496. *Celtis australis* L. *

497. *Celtis glabrata* Steven ex Planch.

498. *Celtis occidentalis* L. **

499. *Ulmus parvifolia* Jacq. *

URTICACEAE

500. *Parietaria officinalis* L. **

VALERIANACEAE

501. *Valeriana officinalis* L. **

VERBENACEAE

502. *Verbena officinalis* L. **

VITACEAE

503. *Ampelopsis brevipedunculata* (Maxim.)

Trautv.

Index Seminarium 2021 is also available on our website: www.botaniczny.lodz.pl

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Educational workshops at the Open-air Plant Museum (photo by Anna Bednarek-Reszka)



"Fruits, vegetables and flowers" - the every year exhibition (photo by Kamila Kolasińska)

DESIDERATA

Agreement on the supply of plant material

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 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 in a manner that is consistent to the letter and the spirit of the Biodiversity 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 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 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 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 of the CBD.
5. The garden will forward information on the material supply on the request to authority instructed with the implementation of the CBD¹.
6. Plant material may only be supplied on the basis and under the condition of this corresponding agreement.

I accept the above conditions.

Date, Signature

Name and address, stamp

¹in the ideal case the National Focal Point of the country of Botanic Garden



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Your address:

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Please, limit Your order to 20 different seeds.

Desiderata with the signed Agreement should be sent by post or by mail until 30th April 2022.