



OGRÓD
BOTANICZNY
UNIWERSYTETU
MARII CURIE-SKŁODOWSKIEJ
LUBLIN

INDEX SEMINUM 2021



OGRÓD BOTANICZNY UNIWERSYTETU MARII CURIE-SKŁODOWSKIEJ

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Daphne cneorum L.

LUBLIN

INDEX SEMINUM 2021
HORTUS BOTANICUS
UNIVERSITATIS MARIAE CURIE-SKŁODOWSKA



**LUBLIN – POLONIA
2022**

Horti Botanici Director

Dr Grażyna Szymczak

Horti collectors:

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Graphicus involucrum

Agnieszka Dąbrowska

INDICATIONES REGIONALES

The Botanical Garden of Lublin is situated in the NW part of the town (population in the 2021 year – ca. 322 507).

Latitude 51° 16' N,

Longitude 22° 30' E.

The garden established in 1965, covers about 21.25 hectares, the area of the greenhouses 1200 m². The terrain is highly diversified with altitudes from 217.0 m to about 178.0 m a.s.l.

Brown soils prevails.

Number of taxons 6700.

Meteorological data for meteorological station in Lublin Plac Litewski (2020-2021)

| | Jan. 2020 | Febr. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------------|---------------------|-------|-------|-------|------|-------|------|------|-------|------|------|------|
| Temp. (°C) | 1.8 | 3.4 | 4.9 | 9.8 | 12.5 | 19.4 | 20.0 | 21.0 | 15.7 | 11.0 | 5.5 | 1.8 |
| Precip. (mm) | 16.2 | 44.8 | 18.2 | 11.9 | 77.8 | 131.9 | 20.2 | 79.4 | 137.2 | 96.1 | 12.4 | 25.7 |

| | Jan. 2021 | Febr. | March | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------------|---------------------|-------|-------|-------|------|------|------|-------|-------|------|------|------|
| Temp. (°C) | -1.2 | -2.2 | 3.2 | 7.2 | 13.4 | 21.1 | 23.2 | 17.7 | 13.4 | 9.2 | 5.3 | -0.9 |
| Precip. (mm) | 45.2 | 34.7 | 10.6 | 37.7 | 44.8 | 29.5 | 42.4 | 262.3 | 53.0 | 3.4 | 31.1 | 32.8 |

The meteorological data came from the Meteorological Observatory of the Hydrology and Climatology Department, the Maria Curie-Skłodowska University in Lublin

Key to signs:

* - with geographical data - seeds and spores from plants introduced to the Garden from natural stands in Poland and seeds from plants obtained from other gardens as plants introduced from natural stands

G - greenhouse plants

pl.v. - cuttings plants

Detailed information on request.

INDEX SEMINUM 2021
COLLECTORUM QUAE HORTUS BOTANICUS
UNIVERSITATIS MARIAE CURIE-SKŁODOWSKA
LUBLIN – POLONIA

AD MUTUO COMMUTANDUM OFFERT
SEMINA ET SPORAE PLANTARUM IN HORTO BOTANICO CULTARUM

PTERIDOPHYTA

Anemiaceae

- 1** G *Anemia dregeana* Kunze

Aspleniaceae

- 2** G *Asplenium dimorphum* Kunze
3 G *Asplenium nidus* L.

Blechnaceae

- 4** G *Blechnum occidentale* L.
5 G *Blechnum tabulare* (Thunb.) Kuhn
6 G *Woodwardia orientalis* Sw.

Dennstaediaceae

- 7** G *Hypolepis tenuifolia* (G.Forst.) Bernh.

Dryopteridaceae

- 8** G *Cyrtomium caryotideum* (Wall. ex Hook. et Grev.) C.Presl
9 G *Cyrtomium falcatum* (L.f.) C.Presl

Nephrolepidaceae

- 10** G *Nephrolepis exaltata* (L.) Schott
11 G *Nephrolepis* ‘Macho’

Polypodiaceae

- 12** G *Phlebodium aureum* (L.) J.Sm.
13 G *Platycerium alcicorne* Desv.

- 14** G *Platycerium veitchii* C.Chr.

Pteridaceae

- 15** G *Adiantum capillus-veneris* L.
16 G *Adiantum hispidulum* Sw.
17 G *Adiantum macrophyllum* Sw.
18 G *Adiantum raddianum* C.Presl ‘*Gracillimum*’
19 G *Pellaea viridis* (Forssk.) Christenh.
20 G *Pteris cretica* L. var. *albolineata* Hook.
21 G *Pteris cretica* L. ‘*Wimsetti*’
22 G *Pteris longifolia* L.

**SPERMATOPHYTA
GYMNOSPERMAE**

Cupressaceae

- 23** * *Thuja occidentalis* L.

Pinaceae

- 24** *Picea omorika* (Pancic) Purk.
25 *Picea orientalis* (L.) Peterm.
26 *Pseudotsuga menziesii* (Mirb.) Franco

Zamiaceae

- 27** G *Ceratozamia mexicana* Brongn.

**ANGIOSPERMAE
DICOTYLEDONEAE**

Acanthaceae

- 28** * *Acanthus hungaricus* (Borbás) Baen.
29 G *Barleria albostellata* C.B.Clarke
30 G *Barleria prionitis* L.
31 G *Crabbea velutina* S.Moore

- 32** G *Pseuderanthemum alatum* (Nees) Radlk.
33 *Ruellia humilis* Nutt.

Aldoaceae

- 34** * *Sambucus ebulus* L. [Zasan, Bieszczady Mts., prov. Podkarpackie, PL]
35 * *Sambucus racemosa* L. [Konstantynów, prov. Lubelskie, PL]
36 *Viburnum lantana* L.

Aizoaceae

- 37** G *Delosperma ecklonis* (Salm-Dyck) Schwantes
38 G *Delosperma napiforme* (N.E.Br.) Schwantes

Amaranthaceae

- 39** *Amaranthus caudatus* L. ‘Albiflora Pendulus’
40 *Amaranthus caudatus* L. ‘Atropurpurea Pendulus’
41 *Amaranthus curentus* L. ‘Golden Giant’
42 *Atriplex hortensis* L. ‘Rosa Königin’
43 *Chenopodium foliosum* Asch.
44 *Gomphrena globosa* L.
45 G *Pleuropetalum darwinii* Hook.f.

Anacardiaceae

- 46** * *Cotinus coggygria* Scop.

Apiaceae

- 47** * *Angelica sylvestris* L.
48 * *Astrantia major* L. [Widełki, Bieszczady Mts., prov. Podkarpackie, PL]
49 *Coriandrum sativum* L.
50 * *Eryngium amethystinum* L.
51 * *Eryngium bourgatii* Gouan
52 *Eryngium bromeliifolium* F.Delaroche
53 *Eryngium giganteum* M.Bieb.
54 * *Eryngium planum* L. [Żmudź, prov. Lubelskie, PL]
55 *Myrrhis odorata* (L.) Scop.
56 * *Orlaya grandiflora* (L.) Hoffm.
57 * *Peucedanum alsaticum* L. [Czumów, prov. Lubelskie, PL]
58 * *Peucedanum alsaticum* L. [Wychody, prov. Lubelskie, PL]
59 * *Peucedanum oreoselinum* (L.) Moench [Ostrów Mazowiecka, prov. Mazowieckie, PL]

- 60** * *Peucedanum schottii* Besser ex DC.
61 * *Peucedanum tauricum* M.Bieb.
62 * *Peucedanum verticillare* (L.) W.J.D.Koch ex DC.
63 *Portenschlagiella ramosissima* (Port.) Tutin
64 * *Prangos trifida* (Mill.) Herrnst. et Heyn
65 * *Scandix pecten-veneris* L.
66 * *Seseli libanotis* (L.) W.D.J.Koch [Tarnogóra, prov. Lubelskie, PL]
67 * *Seseli libanotis* (L.) W.D.J.Koch [Trzy Korony, Pieniny Mts., prov. Małopolskie, PL]

Apocynaceae

- 68** *Amsonia elliptica* (Thunb.) Roem. et Schult.
69 *Amsonia tabernaemontana* Walter
70 * *Apocynum cannabinum* L.
71 *Asclepias syriaca* L.
72 *Asclepias tuberosa* L.
73 * *Vincetoxicum hirundinaria* Medik.

Araliaceae

- 74** *Panax pseudoginseng* Wall.

Aristolochiaceae

- 75** G *Aristolochia littoralis* Parodi
76 G *Aristolochia trilobata* L.

Begoniaceae

- 77** G *Begonia fischeri* Schrank
78 G *Begonia hirtella* Link
79 G *Begonia humilis* Aiton var. *porteriana* (Fisch., C.A.Mey. et Avé-Lall.)
 A.DC.
80 *Begonia × semperflorens-cultorum* hort. ‘Barbara’
81 *Begonia × semperflorens-cultorum* hort. ‘Nieszawianka’
82 *Begonia × semperflorens-cultorum* hort. ‘Papillon Rose’
83 G *Begonia subvillosa* Klotzsch var. *leptotricha* (C.DC.) L.B.Sm. et Wassh.
84 G *Begonia wallichiana* Lehm.

Berberidaceae

- 85** *Berberis × emarginata* Willd.
86 *Berberis vulgaris* L. ‘Atropurpurea’

Bignoniaceae

- 87 Incarvillea olgae Regel

Boraginaceae

- 88 Anchusa azurea Mill.
89 * Anchusa officinalis L. [Janowiec, prov. Lubelskie, PL]
90 * Cerinthe minor L. [Opoka Duża, prov. Lubelskie, PL]
91 * Cynoglossum montanum L.
92 * Cynoglossum officinale L. [Dobre, prov. Lubelskie, PL]
93 * Lithospermum officinale L. [Opoka Duża, prov. Lubelskie, PL]

Brassicaceae

- 94 * Alyssoides utriculata (L.) Medik.
95 Alyssoides utriculata (L.) Medik. var. bulgarica (Sagorski) Hayek
96 Alyssum argenteum All.
97 * Aurinia sinuata (L.) Griseb.
98 Camelina sativa (L.) Crantz
99 Crambe maritima L.
100 * Erysimum odoratum Ehrh.
101 * Fibigia clypeata (L.) Medik.
102 * Hesperis matronalis L.
103 Hesperis matronalis L. fl. alba
104 * Iberis amara L.
105 * Isatis tinctoria L.
106 * Lunaria rediviva L. [Zakopane, prov. Małopolskie, PL]
107 Matthiola incana (L.) R.Br.
108 Sisymbrium luteum (Maxim.) O.E.Schulz
109 * Sisymbrium strictissimum L.

Burseraceae

- 110 G Commiphora dulcis Engl.

Cactaceae

- 111 G Lophophora williamsii (Lem. ex Salm-Dyck) J.M.Coult.
112 Opuntia humifusa (Raf.) Raf.
113 Opuntia macrorhiza Engelm.
114 Opuntia phaeacantha Engelm.
115 Opuntia phaeacantha Engelm. ‘Longispina’

- 116** Opuntia phaeacantha Engelm. ‘Rubra’
117 G Parodia purpureoaura F.Ritter

Calycanthaceae

- 118** Calycanthus floridus L.

Campanulaceae

- 119** * Campanula cervicaria L. [Łaziska near Zamość, prov. Lubelskie, PL]
120 * Campanula hofmannii (Pantan.) Greuter et Burdet
121 * Campanula medium L.
122 * Campanula punctata Lam.
123 Edraianthus dalmaticus (A.DC.) A.DC.
124 * Lobelia siphilitica L.
125 * Platycodon grandiflorus (Jacq.) A.DC.

Caprifoliaceae

- 126** * Cephalaria alpina (L.) Schrad. ex Roem. et Schult.
127 Cephalaria gigantea (Ledeb.) Bobrov
128 Cephalaria transylvanica (L.) Schrad. ex Roem. et Schult.
129 * Dipsacus fullonum L. [Buchalowice, prov. Lubelskie, PL]
130 * Dipsacus pilosus L.
131 Lonicera alpigena L.
132 Lonicera alpigena L. f. nana (Carrière) G.Nicholson
133 Lonicera chrysantha Turcz. ex Ledeb. var. koehneana (Rehder)
Q.E.Yang, Landrein, Borosova et J.Osborne
134 Lonicera demissa Rehder
135 Lonicera maackii (Rupr.) Maxim.

Caryophyllaceae

- 136** Dianthus barbatus L.
137 * Dianthus deltoides L. [Suchedniów, prov. Świętokrzyskie, PL]
138 Dianthus giganteus d'Urv. subsp. croaticus (Borbás) Tutin
139 * Dianthus spiculifolius Schur
140 Saponaria officinalis L.
141 Saponaria sicula Raf.
142 Silene atropurpurea (Griseb.) Greuter et Burdet
143 * Silene chalcedonica (L.) E.H.L.Krause
144 Silene coronaria (Desr.) Clairv. ex Rchb.

- 145** Silene orientalis Mill.
146 * Silene viscaria (L.) Jess. [Gródek, prov. Lubelskie, PL]

Celastraceae

- 147** Euonymus europaeus L. ‘Albus’

Cistaceae

- 148** * Helianthemum nummularium (L.) Mill. subsp. glabrum (W.D.J.Koch)
Wilczek
149 * Helianthemum ovatum Dun. [Ligota Wielka near Oleśnica, prov. Dolnośląskie, PL]

Cleomaceae

- 150** Cleome spinosa Jacq.

Compositae

- 151** * Achillea ageratum L.
152 * Achillea filipendulina Lam.
153 Achillea grandifolia Friv.
154 * Achillea ptarmica L.
155 Achillea pyrenaica Sibth. ex Godr.
156 * Achillea setacea Waldst. et Kit. [Gródek, prov. Lubelskie, PL]
157 * Achillea thracica Velen.
158 * Achillea tomentosa L.
159 Acmella oleracea (L.) R.K.Jansen
160 Ageratina altissima (L.) R.M.King et H.Rob.
161 Ageratum houstonianum Mill.
162 Artemisia abrotanum L.
163 * Artemisia absinthium L. [Wola Zadybska, prov. Lubelskie, PL]
164 G Bartlettina sordida (Less.) R.M.King et H.Rob.
165 * Berkheya purpurea (DC.) Benth. et Hook.f. ex Mast.
166 * Buphthalmum salicifolium L.
167 Canadanthus modestus (Lindl.) G.L.Nesom
168 Centaurea macrocephala Muss.Puschk. ex Willd.
169 Centaurea pannonica (Heuff.) Hayek
170 * Centaurea scabiosa L. [Doba, prov. Warmińsko-Mazurskie, PL]
171 * Chondrilla juncea L.
172 * Cirsium eriophorum (L.) Scop.
173 Coreopsis grandiflora Hogg ex Sweet ‘Sonenkind’
174 Cosmos bipinnatus Cav. fl. alba

- 175 *Cosmos sulphureus* Cav.
176 * *Cota tinctoria* (L.) J.Gay [Kazimierz Dolny, prov. Lubelskie, PL]
177 *Cyanus montanus* (L.) Hill
178 *Cynara cardunculus* L.
179 * *Doellingeria umbellata* (Mill.) Nees
180 * *Echinops exaltatus* Schrad.
181 *Echinops ritro* L.
182 * *Echinops sphaerocephalus* L. [Skierbieszów, prov. Lubelskie, PL]
183 * *Eupatorium cannabinum* L. [Zwierzyniec, prov. Lubelskie, PL]
184 * *Eupatorium fistulosum* J.Barratt
185 * *Eupatorium purpureum* L.
186 *Eurybia macrophylla* (L.) Cass.
187 * *Euthamia graminifolia* (L.) Nutt.
188 * *Helenium amarum* (Raf.) H.Rock
189 *Hieracium sabaudum* L.
190 *Inula helenium* L.
191 *Inula macrocephala* Boiss. et Kotschy ex Boiss.
192 * *Inula spiraeifolia* L.
193 *Jacobaea maritima* (L.) Pelser et Meijden
194 * *Jacobaea paludosa* (L.) G.Gaertn., B.Mey. et Scherb.
195 * *Leontodon hispidus* L. [Polana Kalatówki, Tatry Mts., prov. Małopolskie, PL]
196 *Leucanthemum vulgare* (Vaill.) Lam. 'May Queen'
197 * *Ligularia fischeri* (Ledeb.) Turcz.
198 *Psephellus dealbatus* (Willd.) K.Koch
199 * *Ptilostemon afer* (Jacq.) Greuter
200 * *Pulicaria dysenterica* (L.) Gaertn.
201 *Rhagadiolus stellatus* (L.) Gaertn.
202 *Rhaponticum centauroides* (L.) O.Bolòs
203 *Rudbeckia occidentalis* Nutt.
204 *Santolina chamaecyparissus* L.
205 * *Santolina pinnata* Viv.
206 *Santolina rosmarinifolia* L.
207 *Scolymus hispanicus* L.
208 *Senecio macrophyllus* M.Bieb.
209 *Silphium laciniatum* L.
210 *Silphium perfoliatum* L.
211 *Silphium trifoliatum* L.
212 *Solidago glomerata* Michx.

- 213** *Solidago hispida* Muhl. ex Willd.
214 *Solidago mollis* Bartl.
215 *Solidago uliginosa* Nutt.
216 * *Sonchus palustris* L.
217 *Symphyotrichum cordifolium* (L.) G.L.Nesom
218 *Symphyotrichum tradescantii* (L.) G.L.Nesom
219 * *Syneilesis aconitifolia* (Bunge) Maxim.
220 * *Tanacetum corymbosum* (L.) Sch.Bip. [Skierbieszów, prov. Lubelskie, PL]
221 * *Tanacetum macrophyllum* (Waldst. et Kit.) Sch.Bip.
222 * *Tanacetum millefolium* (L.) Tzvelev
223 *Tanacetum parthenium* (L.) Sch.Bip.
224 *Tanacetum vulgare* L.
225 * *Telekia speciosa* (Schreb.) Baumg. [Pszczeliny, Bieszczady Mts., prov. Podkarpackie, PL]
226 *Tithonia rotundifolia* (Mill.) S.F.Blake
227 *Xeranthemum annuum* L.
228 * *Vernonia missurica* Raf.
229 * *Zinnia angustifolia* Kunth
230 * *Zinnia peruviana* (L.) L.

Convolvulaceae

- 231** *Convolvulus tricolor* L.
232 *Ipomoea purpurea* (L.) Roth

Cornaceae

- 233** *Cornus kousa* F.Buerger ex Hance subsp. *chinensis* (Osborn) Q.Y.Xiang

Crassulaceae

- 234** *Rhodiola kirilowii* (Regel) Maxim.
235 *Sedum aizoon* L.
236 *Sedum forsterianum* Sm.
237 *Sedum kamtschaticum* Fisch.
238 * *Sedum ochroleucum* Chaix
239 * *Sedum rupestre* L. [Goląb, prov. Lubelskie, PL]
240 * *Sedum sexangulare* L. [Zabuże, prov. Mazowieckie, PL]
241 * *Sedum spurium* M.Bieb. [Goląb, prov. Lubelskie, PL]
242 * *Sempervivum tectorum* L.

Cucurbitaceae

- 243** *Bryonia cretica* L. subsp. *dioica* (Jacq.) Tutin
244 *Cyclanthera pedata* (L.) Schrad.
245 G *Zehneria pallidinervia* C.Jeffrey
246 *Zehneria scabra* Sond.

Euphorbiaceae

- 247** *Ricinus communis* L.

Fabaceae

- 248** G *Abrus precatorius* L.
249 G *Acacia farnesiana* (L.) Willd.
250 *Astragalus glycyphyllos* L.
251 *Baptisia australis* (L.) R.Br.
252 G *Caesalpinia spinosa* (Molina) Kuntze
253 G *Canavalia ensiformis* (L.) DC.
254 G *Clitoria ternatea* L.
255 *Colutea arborescens* L.
256 *Colutea gracilis* Freyn et Sint.
257 G *Desmanthus virgatus* (L.) Willd.
258 *Desmodium canadense* (L.) DC.
259 * *Dorycnium herbaceum* Villar
260 *Genista florida* L.
261 *Genista tinctoria* L.
262 *Glycyrrhiza echinata* L.
263 *Glycyrrhiza pallidiflora* Maxim.
264 *Laburnum anagyroides* Medik.
265 * *Lathyrus sylvestris* L. [Solina, Bieszczady Mts., prov. Podkarpackie, PL]
266 *Sophora flavescens* Aiton
267 * *Trifolium pannonicum* Jacq. [Sobibór, prov. Lubelskie, PL]
268 * *Trifolium rubens* L. [Wychody, prov. Lubelskie, PL]
269 * *Vicia cassubica* L. [Mamerki, prov. Warmińsko-Mazurskie, PL]

Gentianaceae

- 270** *Gentiana tibetica* King ex Hook.f.

Geraniaceae

- 271 * Erodium manescavi Coss.
272 G Pelargonium aridum R.A.Dyer
273 G Pelargonium australe J.Jacq.
274 G Pelargonium ranunculophyllum (Eckl. et Zeyh.) Baker
275 G Pelargonium worcesterae R.Knuth

Gesneriaceae

- 276 G Achimenes ‘Côte d’Or’ *pl.v.*
277 G Achimenes ‘Escheriana’ *pl.v.*
278 G Achimenes ‘Pulcherrima’ *pl.v.*
279 G Achimenes ‘Serge Saliba’ *pl.v.*
280 G Achimenes ‘Snow Princess’ *pl.v.*
281 G Achimenes ‘Stan’s Delight’ *pl.v.*
282 G Achimenes ‘Sweet and Sour’ *pl.v.*
283 G Eucodonia andrieuxii (DC.) Wiehler *pl.v.*
284 G Eucodonia ‘Adele’ *pl.v.*
285 G Microchirita involucrata (Craib) Yin Z.Wang
286 G Microchirita lavandulacea (Stapf) Yin Z.Wang
287 G Niphaea oblonga Lindl. *pl.v.*
288 G Seemannia nematanthodes (Kuntze) K.Schum. *pl.v.*

Hypericaceae

- 289 * Hypericum ascyron L.
290 Hypericum olympicum L.
291 Hypericum orientale L.
292 * Hypericum pseudohenryi N.Robson

Juglandaceae

- 293 Pterocarya fraxinifolia (Poir.) Spach

Lamiaceae

- 294 Agastache rugosa (Fisch. et C.A.Mey.) Kuntze
295 Clinopodium nepeta (L.) Kuntze subsp. glandulosum (Req.) Govaerts
296 Clinopodium thymifolium (Scop.) Kuntze
297 Dracocephalum moldavica L.
298 Hyssopus officinalis L.
299 Lavandula angustifolia Mill.

- 300 *Leonurus cardiaca* L.
301 *Leonurus japonicus* Houtt.
302 *Marrubium incanum* Desr.
303 * *Marrubium peregrinum* L.
304 *Marrubium supinum* L.
305 * *Marrubium vulgare* L.
306 *Melissa officinalis* L.
307 * *Mentha longifolia* (L.) L. [Rogoźnica, prov. Lubelskie, PL]
308 * *Mentha suaveolens* Ehrh.
309 *Monarda citriodora* Cerv. ex Lag.
310 * *Monarda fistulosa* L.
311 * *Nepeta grandiflora* M.Bieb.
312 *Nepeta sibirica* L.
313 *Perilla frutescens* (L.) Britton
314 * *Phlomis fruticosa* L.
315 *Phlomis russeliana* (Sims) Lag. ex Benth.
316 *Phlomoides alpina* (Pall.) Adylov, Kamelin et Makhm.
317 *Phlomoides macrophylla* (Benth.) Kamelin et Makhm.
318 *Phlomoides tuberosa* (L.) Moench
319 *Plectranthus scutellarioides* × hort.
320 * *Prunella grandiflora* (L.) Scholler [Tarnogóra, prov. Lubelskie, PL]
321 *Prunella* × *intermedia* Link
322 *Salvia aethiopis* L.
323 *Salvia argentea* L.
324 *Salvia farinacea* Benth.
325 *Salvia fruticosa* Mill.
326 * *Salvia glutinosa* L. [Zasan, Bieszczady Mts., prov. Podkarpackie, PL]
327 *Salvia hispanica* L.
328 * *Salvia nemorosa* L. [Gródek, prov. Lubelskie, PL]
329 *Salvia nemorosa* L. subsp. *pseudosylvestris* (Stapf) Bornm.
330 *Salvia nutans* L.
331 * *Salvia officinalis* L.
332 *Salvia pratensis* L.
333 *Salvia przewalskii* Maxim.
334 *Salvia sclarea* L.
335 * *Salvia verticillata* L. [Krościenko, Pieniny Mts., prov. Małopolskie, PL]
336 * *Salvia verticillata* L. [Wirkowice, prov. Lubelskie, PL]
337 *Salvia viscosa* Jacq.

- 338** * *Satureja parnassica* Heldr. et Sart. ex Boiss.
339 * *Satureja subspicata* Bartl. ex Vis.
340 *Scutellaria albida* L. subsp. *colchica* (Rech.f.) J.R.Edm.
341 *Scutellaria altissima* L.
342 G *Scutellaria aurata* Lem.
343 *Scutellaria rubicunda* Hornem.
344 * *Sideritis hyssopifolia* L.
345 * *Sideritis scardica* Griseb.
346 * *Stachys alopecuros* (L.) Benth.
347 * *Stachys byzantina* K.Koch
348 * *Stachys germanica* L. [Tarnawatka, prov. Lubelskie, PL]
349 * *Stachys germanica* L. subsp. *heldreichii* (Boiss.) Hayek
350 * *Stachys macrantha* (K.Koch) Stearn
351 * *Stachys officinalis* (L.) Trevis. [Tarnogóra, prov. Lubelskie, PL]
352 * *Teucrium chamaedrys* L. [Dobre, prov. Lubelskie, PL]
353 *Teucrium hircanicum* L.

Linaceae

- 354** *Linum perenne* L.
355 *Linum usitatissimum* L.

Lythraceae

- 356** * *Lythrum virgatum* L.

Malvaceae

- 357** *Abelmoschus esculentus* (L.) Moench
358 G *Abroma augusta* (L.) L.f.
359 * *Abutilon theophrasti* Medik.
360 *Hibiscus syriacus* L. ‘Violet Clair Dura’
361 *Hibiscus trionum* L.
362 * *Malva alcea* L.
363 *Malva sylvestris* L. ‘Windsor Castle’
364 *Sida hermaphrodita* (L.) Rusby
365 *Tilia × euchlora* K.Koch

Melastomataceae

- 366** G *Macrocentrum cristatum* (DC.) Triana

Meliaceae

- 367** G *Melia azedarach* L.
368 G *Turraea heterophylla* Sm.

Myrtaceae

- 369** G *Psidium cattleianum* Afzel. ex Sabine
370 G *Psidium cattleianum* Afzel. ex Sabine f. *lucidum* O.Deg.

Oleaceae

- 371** * *Jasminum fruticans* L.
372 G *Phillyrea angustifolia* L.

Onagraceae

- 373** * *Epilobium angustifolium* L. [Huta Krzeszowska, prov. Podkarpackie, PL]
374 *Oenothera fruticosa* L.
375 *Oenothera rosea* L'Hér. ex Aiton

Paeoniaceae

- 376** * *Paeonia coriacea* Boiss.
377 * *Paeonia daurica* Andrews subsp. *coriifolia* (Rupr.) D.Y.Hong
378 *Paeonia daurica* Andrews subsp. *mlokosewitschii* (Lomakin) D.Y.Hong
379 *Paeonia officinalis* L.
380 *Paeonia officinalis* L. subsp. *banatica* (Rochel) Soó
381 *Paeonia ostii* T.Hong et J.X.Zhang
382 *Paeonia peregrina* Mill.

Papaveraceae

- 383** * *Glaucium flavum* Crantz
384 * *Papaver pilosum* Sm.
385 *Papaver rupifragum* Boiss. et Reut.

Passifloraceae

- 386** G *Passiflora amethystina* J.C.Mikan
387 G *Passiflora calcarata* Mast.
388 G *Passiflora coriacea* Juss.
389 G *Passiflora foetida* L.
390 G *Passiflora gracilis* J.Jacq. ex Link
391 G *Passiflora morifolia* Mast.

- 392** G *Passiflora tenuifila* Killip

Paulowniaceae

- 393** *Paulownia tomentosa* Steud.

Phyllanthaceae

- 394** G *Phyllanthus grandifolius* L.

Phytolaccaceae

- 395** G *Petiveria alliacea* L.

- 396** G *Rivina humilis* L.

Plantaginaceae

- 397** * *Antirrhinum majus* L.

- 398** *Digitalis ferruginea* L.

- 399** * *Digitalis lamarckii* Ivanina

- 400** * *Digitalis lutea* L.

- 401** * *Digitalis lutea* L. subsp. *australis* (Ten.) Arcang.

- 402** *Digitalis mariana* Boiss.

- 403** *Digitalis parviflora* Jacq.

- 404** *Digitalis trojana* Ivanina

- 405** *Digitalis viridiflora* Lindl.

- 406** * *Globularia meridionalis* (Podp.) O.Schwarz

- 407** * *Globularia punctata* Lapeyr.

- 408** *Penstemon alpinus* Torr.

- 409** *Penstemon digitalis* Nutt. ex Sims

- 410** * *Penstemon newberryi* A.Gray var. *berryi* (Eastw.) N.H.Holmgren

- 411** * *Plantago indica* L. [Wieprzec, prov. Lubelskie, PL]

- 412** * *Plantago lanceolata* L. [Lublin, prov. Lubelskie, PL]

- 413** *Plantago sempervirens* Crantz

- 414** G *Tetranema roseum* (M.Martens et Galeotti) Standl. et Steyerm.

- 415** * *Veronica longifolia* L. [Tarnogóra, prov. Lubelskie, PL]

- 416** * *Veronica spicata* L. [Wieprzec, prov. Lubelskie, PL]

- 417** *Veronicastrum virginicum* (L.) Farw.

Plumbaginaceae

- 418** * *Armeria alliacea* (Cav.) Hoffmanns. et Link

- 419** * *Armeria villosa* Girard

Polemoniaceae

- 420** *Collomia grandiflora* Douglas ex Lindl.
421 *Gilia capitata* Sims
422 *Gilia tricolor* Benth.

Polygonaceae

- 423** *Persicaria weyrichii* (F.Schmidt) H.Gross
424 * *Rumex alpestris* Jacq. [Połonina Wetlińska, Bieszczady Mts., prov. Podkarpackie, PL]

Primulaceae

- 425** *Lysimachia barystachys* Bunge
426 * *Lysimachia ephemerum* L.
427 *Lysimachia minoricensis* J.J.Rodr.
428 *Lysimachia punctata* L.
429 * *Primula veris* L. [Czumów, prov. Lubelskie, PL]
430 * *Primula veris* L. [Tarnogóra, prov. Lubelskie, PL]

Ranunculaceae

- 431** *Actaea cordifolia* DC.
432 *Actaea rubra* (Aiton) Willd.
433 *Clematis flammula* L.
434 *Clematis integrifolia* L.
435 *Delphinium elatum* L.
436 *Nigella damascena* L.
437 * *Thalictrum aquilegiifolium* L. [Kacze Doły near Wola Niemiecka, prov. Lubelskie, PL]
438 * *Thalictrum flavum* L. [Czumów, prov. Lubelskie, PL]
439 * *Thalictrum minus* L. [Lublin, prov. Lubelskie, PL]

Resedaceae

- 440** * *Reseda luteola* L.

Rhamnaceae

- 441** *Rhamnus cathartica* L.
442 *Rhamnus davurica* Pall.

Rosaceae

- 443** *Acaena saccaticupula* Bitter

- 444** *Agrimonia procera* Wallr.
445 * *Alchemilla peristerica* Pawł.
446 *Alchemilla speciosa* Buser
447 *Aruncus dioicus* (Walter) Fernald var. *aethusifolius* (H.L.v.) H.Hara
448 * *Cotoneaster amoenus* E.H.Wilson
449 *Cotoneaster cochleatus* (Franch.) G.Klotz
450 * *Cotoneaster gracilis* Rehder et E.H.Wilson
451 *Cotoneaster horizontalis* Decne.
452 *Cotoneaster hsingshangensis* J.Fryer et B.Hylmö
453 * *Cotoneaster kweitschoviensis* G.Klotz
454 *Cotoneaster marginatus* (Lindl. ex Loudon) Schltdl. ‘Antonin Nogel’
455 *Cotoneaster multiflorus* C.A.Mey.
456 *Cotoneaster nebrodensis* (Guss.) K.Koch
457 * *Cotoneaster niger* (Thunb.) Fr. [Trzy Korony, Pieniny Mts., prov. Małopolskie, PL]
458 *Cotoneaster przewalskii* Pojark.
459 *Cotoneaster radicans* (Dammer ex C.K.Schneid.) G.Klotz
460 *Cotoneaster scandinavicus* B.Hylmö
461 *Cotoneaster transcaucasicus* Pojark.
462 *Filipendula camschatica* (Pall.) Maxim.
463 *Filipendula palmata* (Pall.) Maxim.
464 * *Filipendula ulmaria* (L.) Maxim. [Rudka Kozłowiecka, prov. Lubelskie, PL]
465 * *Filipendula vulgaris* Moench [Kazimierz Dolny, prov. Lubelskie, PL]
466 *Geum urbanum* L.
467 * *Potentilla collina* Wibel [Szczecyn, prov. Lubelskie, PL]
468 *Potentilla lineata* Trevir.
469 * *Potentilla nepalensis* Hook.
470 *Potentilla recta* L.
471 *Prunus japonica* Thunb.
472 *Prunus laurocerasus* L.
473 * *Pyracantha coccinea* M.Roem.
474 *Rosa californica* Cham. et Schltdl. ‘Plena’
475 *Rosa gallica* L. ‘Grandiflora’
476 * *Rosa majalis* Wallr.
477 * *Rosa pendulina* L. [Polonina Wetlińska, Bieszczady Mts., prov. Podkarpackie, PL]
478 *Rosa rugosa* Thunb.
479 *Rosa rugosa* Thunb. ‘Kórnik’
480 * *Rosa sherardii* Davies [Prawdowo, prov. Warmińsko-Mazurskie, PL]
481 *Rosa spinosissima* L. ‘Plena’

- 482** * *Rosa villosa* L. [Snopki, prov. Warmińsko-Mazurskie, PL]
483 *Rosa villosa* L. ‘Karpatia’
484 * *Rubus pedemontanus* Pinkw. [Borysów, prov. Lubelskie, PL]
485 *Sanguisorba canadensis* L.
486 * *Sanguisorba dodecandra* Moretti
487 * *Sanguisorba hakusanensis* Makino
488 * *Sorbus aucuparia* L. [Opoka Duża, prov. Lubelskie, PL]
489 * *Sorbus chamaemespilus* (L.) Crantz
490 *Spiraea arcuata* Hook.f.
491 * *Spiraea formosana* Hayata
492 *Spiraea lasiocarpa* Kar. et Kir.
493 * *Spiraea salicifolia* L.
494 *Spiraea trifoliata* L.

Rubiaceae

- 495** *Phuopsis stylosa* (Trin.) Hook.f. ex B.D.Jacks.

Rutaceae

- 496** *Ruta graveolens* L.

Sapindaceae

- 497** *Acer griseum* (Franch.) Pax
498 *Acer heldreichii* Orph. ex Boiss. subsp. *trautvetteri* (Medw.) A.E.Murray
499 *Acer rufinerve* Siebold et Zucc.
500 *Acer tataricum* L.
501 *Acer tataricum* L. subsp. *ginnala* (Maxim.) Wesm.

Scrophulariaceae

- 502** *Alonsoa meridionalis* (L.f.) Kuntze
503 *Buddleja alternifolia* Maxim.
504 *Buddleja japonica* Hemsl.
505 * *Verbascum blattaria* L.
506 * *Verbascum chaixii* Vill. subsp. *austriacum* (Schott ex Roem. et Schult.) Hayek
507 *Verbascum nigrum* L.
508 * *Verbascum speciosum* Schrad.

Solanaceae

- 509 *Atropa belladonna* L. var. *lutea* Döll
510 *Browallia americana* L.
511 *Hyoscyamus niger* L.
512 *Jaltomata procumbens* (Cav.) J.L.Gentry
513 * *Petunia axillaris* (Lam.) Britton, Sterns et Poggenb.
514 G *Petunia exerta* J.R.Stehm.
515 *Solanum aethiopicum* L. ‘Japanese Black Stem’
516 * *Solanum dulcamara* L. [Gródek, prov. Lubelskie, PL]
517 *Solanum scabrum* Mill.
518 *Solanum sisymbriifolium* Lam.

Talinaceae

- 519 G *Talinum paniculatum* (Jacq.) Gaertn.

Urticaceae

- 520 G *Pilea microphylla* (L.) Liebm.

Verbenaceae

- 521 G *Lantana × aculeata* L.
522 G *Phyla scaberrima* (Juss. ex Pers.) Moldenke
523 *Verbena macdougalii* A.Heller
524 * *Verbena urticifolia* L.

**ANGIOSPERMAE
MONOCOTYLEDONEAE****Amaryllidaceae**

- 525 *Allium aflatunense* B.Fedtsch.
526 *Allium ascalonicum* L.
527 *Allium cernuum* Roth
528 * *Allium flavum* L.
529 *Allium giganteum* Regel
530 *Allium ledebourianum* Schult. et Schult.f.
531 * *Allium lusitanicum* Lam. [Chotel Czerwony, prov. Świętokrzyskie, PL]
532 *Allium nutans* L.

- 533 Allium obliquum L.
534 * Allium roseum L.
535 Allium sativum L.
536 * Allium splendens Willd. ex Schult. et Schult.f.
537 Allium turkestanicum Regel
538 * Allium victorialis L. [Zwierzyniec, prov. Lubelskie, PL]
539 G Zephyranthes rosea Lindl.

Araceae

- 540 Arisaema triphyllum (L.) Schott

Arecaceae

- 541 G Chamaerops humilis L.
542 G Sabal minor (Jacq.) Pers.

Asparagaceae

- 543 * Asparagus verticillatus L.
544 * Hosta sieboldii (Paxton) J.W.Ingram
545 Maianthemum stellatum (L.) Link
546 Ornithogalum princeps (Baker) J.C.Manning et Goldblatt
547 Ornithogalum pyrenaicum L.
548 Paradisea liliastrum (L.) Bertol.
549 * Polygonatum multiflorum (L.) All. [Bochotnica near Kazimierz Dolny, prov. Lubelskie, PL]
550 * Polygonatum odoratum (Mill.) Druce var. thunbergii (C.Morren et Decne.) H.Hara
551 G Sansevieria cylindrica Bojer ex Hook.

Bromeliaceae

- 552 G Fosterella penduliflora (C.H.Wright) L.B.Sm.
553 G Pitcairnia maidifolia (C.Morren) Decne. ex Planch.
554 G Pitcairnia paniculata (Ruiz et Pav.) Ruiz et Pav.
555 G Pitcairnia xanthocalyx Mart.
556 G Puya mirabilis (Mez) L.B.Sm.

Commelinaceae

- 557 Commelina tuberosa L.
558 Tradescantia ohiensis Raf.
559 Tradescantia virginiana L.

Costaceae

- 560 G *Costus dubius* (Afzel.) K.Schum.

Cyperaceae

- 561 Carex grayi J.Carey
562 Carex muskingumensis Schwein.
563 * Carex pendula Huds.
564 G *Cyperus alternifolius* L.
565 G *Cyperus papyrus* L.
566 G *Cyperus prolifer* Lam.

Iridaceae

- 567 G *Dietes iridioides* (L.) Sweet ex Klatt
568 * *Gladiolus illyricus* W.D.J.Koch
569 * *Iris foetidissima* L.
570 *Iris variegata* L.

Juncaceae

- 571 * *Juncus effusus* L. [Lublin, prov. Lubelskie, PL]
572 * *Juncus inflexus* L. [Goląb, prov. Lubelskie, PL]
573 *Luzula nivea* (Nathh.) DC.

Liliaceae

- 574 *Lilium regale* E.H.Wilson
575 *Tricyrtis latifolia* Maxim.
576 *Tulipa turkestanica* (Regel) Regel

Melanthiaceae

- 577 *Anticlea elegans* (Pursh) Rydb.

Musaceae

- 578 G *Musa textilis* Née

Poaceae

- 579 * *Agropyron cristatum* (L.) Gaertn.
580 *Bouteloua curtipendula* (Michx.) Torr.
581 * *Brachypodium pinnatum* (L.) P.Beauv. [Kazimierz Dolny, prov. Lubelskie, PL]
582 * *Brachypodium sylvaticum* (Huds.) P.Beauv. [Otryt, Bieszczady Mts., prov. Podkarpackie, PL]

- 583** * *Briza media* L. [Krywe, Bieszczady Mts., prov. Podkarpackie, PL]
584 *Briza media* L. subsp. *elatior* (Sibth. et Sm.) Tutin
585 *Chasmanthium latifolium* (Michx.) H.O.Yates
586 *Chondrosum gracile* Kunth
587 *Coix lacryma-jobi* L.
588 * *Corynephorus canescens* (L.) P.Beauv. [Szczecyn, prov. Lubelskie, PL]
589 *Elymus bungeanus* (Trin.) Melderis
590 *Festuca eskia* Ramond ex DC.
591 * *Festuca psammophila* (Hack. ex Ćelak.) Fritsch [Kazimierz Dolny, prov. Lubelskie, PL]
592 *Festuca vaginata* Waldst. et Kit. ex Willd.
593 *Koeleria brevis* Steven
594 * *Koeleria macrantha* (Ledeb.) Schult.
595 *Koeleria splendens* C.Presl
596 *Koeleria vallesiana* (Honck.) Bertol. ex Schult.
597 *Melica altissima* L.
598 G *Oryza glaberrima* Steud.
599 G *Oryza sativa* L.
600 G *Oryza sativa* L. subsp. *indica* Kato
601 G *Oryza sativa* L. subsp. *japonica* Kato
602 G *Oryza sativa* L. 'Black Madras'
603 *Pennisetum flaccidum* Griseb.
604 * *Phleum phleoides* (L.) H.Karst. [Tarnogóra, prov. Lubelskie, PL]
605 *Setaria italica* (L.) P.Beauv.
606 *Setaria macrostachya* Kunth
607 G *Setaria palmifolia* (J.Koenig) Stapf
608 *Sorghum bicolor* (L.) Moench 'Mohr'
609 *Sorghum × drummondii* (Nees ex Steud.) Millsp. et Chase
610 * *Stipa calamagrostis* (L.) Wahlenb.

Xanthorrhoeaceae

- 611** *Asphodeline brevicaulis* (Bertol.) J.Gay ex Baker
612 *Asphodeline liburnica* (Scop.) Rchb.
613 *Asphodeline lutea* (L.) Rchb.
614 *Asphodelus albus* Mill.
615 *Asphodelus cerasiferus* J.Gay
616 * *Asphodelus ramosus* L.
617 *Eremurus robustus* (Regel) Regel
618 *Eremurus stenophyllus* (Boiss. et Buhse) Baker

- 619** Hemerocallis minor Mill.
620 Kniphofia caulescens Baker
621 * Kniphofia hirsuta Codd
622 Kniphofia uvaria (L.) Oken

Zingiberaceae

- 623** G Globba marantina L. *pl.v.*
624 G Globba schomburgkii Hook.f. *pl.v.*
625 G Globba sessiliflora Sims *pl.v.*
626 G Hedychium gardnerianum Sheppard ex Ker Gawl.

SEMINA PLANTARUM EX NATURALIBUS COLLECTA

Anna Cwener, Michał Czernecki, Agnieszka Dąbrowska

| | | |
|-----|---|--|
| 627 | <i>Agrimonia eupatoria</i> L. | Maziarnia Strzelecka, prov. Lubelskie, PL |
| 628 | <i>Carduus nutans</i> L. | Czumów, prov. Lubelskie, PL |
| 629 | <i>Cirsium rivulare</i> (Jacq.) All. | Koza-Gotówka near Chełm, prov. Lubelskie, PL |
| 630 | <i>Lavatera thuringiaca</i> L. | Gródek, prov. Lubelskie, PL |
| 631 | <i>Nepeta nuda</i> L. | Gródek, prov. Lubelskie, PL |
| 632 | <i>Salvia pratensis</i> L. | Czumów, prov. Lubelskie, PL |
| 633 | <i>Sambucus nigra</i> L. | Lublin, prov. Lubelskie, PL |
| 634 | <i>Serratula tinctoria</i> L. | Maziarnia Strzelecka, prov. Lubelskie, PL |
| 635 | <i>Stachys officinalis</i> (L.) Trevis. | Maziarnia Strzelecka, prov. Lubelskie, PL |
| 636 | <i>Succisa pratensis</i> Moench | Zawadówka near Chełm, prov. Lubelskie, PL |
| 637 | <i>Verbascum lychnitis</i> L. | Męćmierz, prov. Lubelskie, PL |

In response to the Convention on Biological Diversity (Rio de Janeiro, 1992), the seeds are offered for exchange with botanic gardens, arboreta and other scientific institutions and may be used only for scientific, educational and conservation purposes.

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www.ipni.org/ipni/plantnamesearchpage.do

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(Please send your request for seeds before 15 April 2022)

By requesting seeds you confirm to accept the conditions of the International Convention on Biologica Diversity (Rio de Janeiro, 1992).

Your full address:

Your e-mail address:

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 supplied on the basis and under the condition of this corresponding agreements.

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