



— OGRÓD —
BOTANICZNY
UNIWERSYTETU
MARII CURIE-SKŁODOWSKIEJ
LUBLIN

INDEX SEMINUM 2019



OGRÓD BOTANICZNY
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Veratrum nigrum L.



LUBLIN

INDEX SEMINUM 2019
HORTUS BOTANICUS
UNIVERSITATIS MARIAE CURIE-SKŁODOWSKA



LUBLIN – POLONIA
2020

Horti Botanici Director

Dr Grażyna Szymczak

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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 2019 year – ca. 320 796).

Latitude 51° 16` N,

Longitude 22° 30` E.

The garden established in 1965, covers about 21.25 hectares, the area of the greenhouses 720 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 (2018-2019)

	Jan. 2018	Febr.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Temp. (°C)	0.3	-3.1	0.5	14.2	18.4	20.0	21.4	21.5	16.1	10.4	4.1	0.8
Precip. (mm)	24.7	14.1	40.0	36.5	45.5	39.2	80.7	27.0	44.0	36.5	9.1	61.3

	Jan. 2019	Febr.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Temp. (°C)	-2.6	2.8	5.8	10.5	14.1	23.1	19.9	21.0	15.1	11.5	6.6	3.3
Precip. (mm)	51.6	16.0	22.5	32.3	57.7	41.8	18.1	65.6	40.1	23.7	48.8	33.2

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

Detailed information on request.

INDEX SEMINUM 2019
COLLECTORUM QUAE HORTUS BOTANICUS
UNIVERSITATIS MARIAE CURIE-SKŁODOWSKA
LUBLIN – POLONIA

AD MUTUO COMMUTANDUM OFFERT
SEMINA PLANTARUM IN HORTO BOTANICO CULTARUM

PTERIDOPHYTA

Aspleniaceae

- 1 *Asplenium nidus* L.

Blechnaceae

- 2 *Woodwardia orientalis* Sw.

Dennstaediaceae

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

Dryopteridaceae

- 4 *Cyrtomium falcatum* (L.f.) C.Presl

Lygodiaceae

- 5 *Lygodium japonicum* (Thunb.) Sw.

Nephrolepidaceae

- 6 *Nephrolepis exaltata* (L.) Schott

- 7 *Nephrolepis* 'Macho'

Polypodiaceae

- 8 *Phlebodium aureum* (L.) J.Sm.

- 9 *Platycterium alcorni* Desv.

- 10 *Platycterium bifurcatum* (Cav.) C.Chr.

- 11 *Platycterium veitchii* C.Chr.

Pteridaceae

- 12 *Adiantum capillus-veneris* L.
- 13 *Adiantum hispidulum* Sw.
- 14 *Adiantum macrophyllum* Sw.
- 15 *Doryopteris pedata* (L.) Fée
- 16 *Pteris cretica* L. var. *albolineata* Hook.
- 17 *Pteris cretica* L. 'Wimstetti'

SPERMATOPHYTA

GYMNOSPERMAE

Cupressaceae

- 18 *Platycladus orientalis* (L.) Franco

Ginkgoaceae

- 19 *Ginkgo biloba* L.

Pinaceae

- 20 *Picea omorika* (Pancic) Purk.
- 21 *Picea orientalis* (L.) Peterm.
- 22 *Picea pungens* Engelm. 'Glauca'
- 23 *Pseudotsuga menziesii* (Mirb.) Franco
- 24 *Tsuga canadensis* (L.) Carrière

ANGIOSPERMAE

DICOTYLEDONEAE

Acanthaceae

- 25 * *Acanthus hungaricus* (Borbás) Baen.
- 26 *Crossandra nilotica* Oliv.
- 27 *Pseuderanthemum alatum* (Nees) Radlk.
- 28 *Ruellia humilis* Nutt.
- 29 *Ruellia simplex* C. Wright

Amaranthaceae

- 30 *Amaranthus caudatus* L. ‘Albiflorus’
- 31 *Amaranthus cruentus* L. ‘Hot Biscuits’
- 32 *Atriplex hortensis* L. ‘Rosa Königin’
- 33 *Chenopodium album* L.
- 34 *Chenopodium foliosum* Asch.
- 35 *Chenopodium giganteum* D.Don
- 36 *Chenopodium quinoa* Willd. ‘Cochabamba’
- 37 *Gomphrena globosa* L.

Apiaceae

- 38 *Angelica amurensis* Schischk.
- 39 * *Astrantia major* L. [Widelki, Bieszczady Mts., prov. Podkarpackie, PL]
- 40 * *Bupleurum rotundifolium* L. [Korhynie, prov. Lubelskie, PL]
- 41 *Coriandrum sativum* L.
- 42 * *Eryngium amethystinum* L.
- 43 * *Eryngium campestre* L.
- 44 *Eryngium giganteum* M.Bieb.
- 45 *Eryngium planum* L.
- 46 *Eryngium serbicum* Pančić
- 47 *Ferula gummosa* Boiss.
- 48 * *Laserpitium latifolium* L. [Zawadówka, prov. Lubelskie, PL]
- 49 * *Orlaya grandiflora* (L.) Hoffm.
- 50 * *Peucedanum oreoselinum* (L.) Moench [Ostrów Mazowiecka, prov. Mazowieckie, PL]
- 51 * *Peucedanum verticillare* (L.) W.J.D.Koch ex DC.
- 52 *Pimpinella anisum* L.
- 53 *Portenschlagiella ramosissima* (Port.) Tutin
- 54 * *Prangos trifida* (Mill.) Herrnst. et Heyn
- 55 * *Scandix pecten-veneris* L.
- 56 * *Seseli libanotis* (L.) W.D.J.Koch [Trzy Korony, Pieniny Mts., prov. Małopolskie, PL]
- 57 *Smyrniium perfoliatum* L.

Apocynaceae

- 58 *Nerium oleander* L.
- 59 * *Vincetoxicum hirculinaria* Medik.

Aristolochiaceae

- 60 *Aristolochia gigantea* Mart.
- 61 *Aristolochia littoralis* Parodi
- 62 *Aristolochia trilobata* L.

Begoniaceae

- 63 *Begonia nelumbiifolia* Cham. et Schtdl.
- 64 *Begonia wallichiana* Lehm.

Berberidaceae

- 65 *Berberis aquifolium* Pursh
- 66 *Berberis thunbergii* DC. 'Erecta'
- 67 *Berberis thunbergii* DC. 'Green Carpet'
- 68 *Berberis thunbergii* DC. 'Kelleris'

Bignoniaceae

- 69 *Codon schenckii* Schinz
- 70 *Incarvillea olgae* Regel

Boraginaceae

- 71 *Alkanna tinctoria* (L.) Tausch
- 72 *Anchusa azurea* Mill.
- 73 * *Cerinthe minor* L. [Opoka Duża, prov. Lubelskie, PL]
- 74 * *Cynoglossum officinale* L. [Dobre, prov. Lubelskie, PL]
- 75 * *Lithospermum officinale* L. [Opoka Duża, prov. Lubelskie, PL]

Brassicaceae

- 76 * *Alliaria petiolata* (M.Bieb.) Cavara et Grande [Lublin, prov. Lubelskie, PL]
- 77 *Alyssum argenteum* All.
- 78 *Alyssum lenense* Adams
- 79 * *Bunias orientalis* L. [Kazimierz Dolny, prov. Lubelskie, PL]
- 80 *Camelina sativa* (L.) Crantz
- 81 *Crambe cordifolia* Steven
- 82 * *Crambe hispanica* L.
- 83 * *Erysimum odoratum* Ehrh.
- 84 * *Fibigia clypeata* (L.) Medik.

- 85 * *Hesperis matronalis* L.
 86 * *Isatis tinctoria* L.
 87 * *Lunaria rediviva* L. [Zakopane, prov. Małopolskie, PL]
 88 *Sisymbrium officinale* (L.) Scop.

Burseraceae

- 89 *Commiphora habessinica* (O.Berg) Engl

Cactaceae

- 90 *Mammillaria columbiana* Salm-Dyck
 subsp. *yucatanensis* (Britton et Rose) D.R.Hun
 91 *Lophophora williamsii* (Lem. ex Salm-Dyck) J.M.Coult.
 92 *Opuntia humifusa* (Raf.) Raf.
 93 *Opuntia macrorhiza* Engelm.
 94 *Opuntia phaeacantha* Engelm.
 95 *Opuntia phaeacantha* Engelm. 'Longispina'
 96 *Opuntia phaeacantha* Engelm. 'Rubra'
 97 *Parodia microsperma* (F.A.C.Weber) Speg. subsp. *horrida* (F.W.Brandt)
 R.Kiesling et O.Ferrari
 98 *Rebutia deminuta* (F.A.C.Weber) Britton et Rose
 99 *Rebutia fiebrigii* (Gürke) Britton et Rose

Calycanthaceae

- 100 *Calycanthus floridus* L.
 101 *Calycanthus floridus* L. var. *glaucus* (Willd.) Torr. et A.Gray

Campanulaceae

- 102 *Adenophora khasiana* (Hook.f. et Thomson) Oliv. ex Collett et Hemsl.
 103 * *Campanula hofmannii* (Pantan.) Greuter et Burdet
 104 *Campanula medium* L.
 105 * *Campanula punctata* Lam.
 106 * *Codonopsis clematidea* (Schrenk) C.B.Clarke
 107 *Edraianthus dalmaticus* (A.DC.) A.DC.
 108 * *Lobelia siphilitica* L.
 109 * *Platycodon grandiflorus* (Jacq.) A.DC.

Caprifoliaceae

- 110 *Cephalaria uralensis* (Murray) Roem. et Schult.
111 *Dipsacus sativus* (L.) Honck.
112 *Scabiosa lucida* Vill.

Caricaceae

- 113 *Carica papaya* L.

Caryophyllaceae

- 114 *Agrostemma githago* L.
115 *Dianthus giganteus* d'Urv. subsp. *croaticus* (Borbás) Tutin
116 * *Dianthus deltoides* L. [Winduga, prov. Łódzkie, PL]
117 *Saponaria ocymoides* L.
118 *Saponaria officinalis* L.
119 *Saponaria officinalis* L. 'Albiflora'
120 *Silene atropurpurea* (Griseb.) Greuter et Burdet
121 * *Silene chalcedonica* (L.) E.H.L.Krause
122 * *Silene compacta* Fisch.
123 *Silene coronaria* (Desr.) Clairv. ex Rchb.
124 *Silene viscaria* (L.) Jess.
125 * *Silene vulgaris* (Moench) Garcke [Śnieżnik, Sudety Mts., prov. Dolnośląskie, PL]
126 * *Silene vulgaris* (Moench) Garcke [Szczecyn, prov. Lubelskie, PL]
127 *Silene orientalis* Mill.

Cistaceae

- 128 *Helianthemum apenninum* (L.) Mill.

Cleomaceae

- 129 *Cleome spinosa* Jacq.

Compositae

- 130 * *Achillea crithmifolia* Waldst. et Kit.
131 * *Achillea filipendulina* Lam.
132 *Achillea grandifolia* Friv.
133 * *Achillea tomentosa* L.
134 *Acmella oleracea* (L.) R.K.Jansen

- 135 *Anaphalis margaritacea* (L.) Benth. et Hook.f.
var. *cinnamomea* (DC.) Herder et Maxim
- 136 *Anthemis arvensis* L.
- 137 * *Artemisia absinthium* L. [Ożarów, prov. Lubelskie, PL]
- 138 * *Aster amellus* L. [Dobużek, prov. Lubelskie, PL]
- 139 *Bartlettina sordida* (Less.) R.M.King et H.Rob.
- 140 * *Berkheya purpurea* (DC.) Benth. et Hook.f. ex Mast.
- 141 * *Carduus personata* (L.) Jacq. [Dolina Kościeliska, Tatry Mts., prov. Małopolskie, PL]
- 142 * *Carlina vulgaris* L. [Krywe, Bieszczady Mts., prov. Podkarpackie, PL]
- 143 * *Centaurea atropurpurea* Olivier
- 144 *Centaurea benedicta* (L.) L
- 145 *Centaurea macrocephala* Muss.Puschk. ex Willd.
- 146 *Centaurea mollis* W.K.
- 147 *Centaurea ruthenica* Lam.
- 148 *Cichorium intybus* L.
- 149 * *Cirsium canum* (L.) All.
- 150 *Coreopsis grandiflora* Hogg ex Sweet
- 151 *Coreopsis lanceolata* L.
- 152 *Coreopsis pubescens* Elliott
- 153 *Coreopsis tripteris* L.
- 154 *Cosmos sulphureus* Cav.
- 155 *Crepis rubra* L.
- 156 *Cyanus montanus* (L.) Hill
- 157 * *Doellingeria umbellata* (Mill.) Ness
- 158 * *Echinops bannaticus* Rochel ex Schrad.
- 159 *Echinops ritro* L.
- 160 * *Echinops sphaerocephalus* L. [Skierbieszów, prov. Lubelskie, PL]
- 161 *Emilia coccinea* (Sims) G.Don
- 162 * *Erigeron speciosus* (Lindl.) DC. var. *macranthus* (Nutt.) Cronquist
- 163 *Eryngium palmatum* Pančić et Vis.
- 164 *Eryngium planum* L.
- 165 * *Eupatorium cannabinum* L. [Zwierzyniec, prov. Lubelskie, PL]
- 166 * *Eupatorium purpureum* L.
- 167 *Gaillardia aristata* Pursh ‘Messa Yellow’
- 168 *Gaillardia* × *grandiflora* Hort. ex Van Houtte ‘Burgunder’
- 169 *Glebionis coronaria* (L.) Cass. ex Spach
- 170 *Grindelia squarrosa* (Pursh) Dunal

- 171** * *Helenium amarum* (Raf.) H.Rock
172 *Helianthus mollis* Lam.
173 * *Heterotheca camporum* (Greene) Shinnery
174 *Hieracium sabaudum* L.
175 * *Inula conyza* (Griess.) DC.
176 *Inula helenium* L.
177 *Inula macrocephala* Boiss. et Kotschy ex Boiss.
178 *Inula royleana* DC.
179 *Ismelia carinata* (Schousb.) Sch.Bip. 'Rainbow'
180 * *Leontodon hispidus* L. [Polana Kalatówki, Tatry Mts., prov. Małopolskie, PL]
181 *Liatris spicata* (L.) Willd.
182 * *Ligularia fischeri* (Ledeb.) Turcz.
183 *Madia sativa* Molina
184 *Onopordum acanthium* L.
185 * *Ptilostemon afer* (Jacq.) Greuter
186 *Psephellus dealbatus* (Willd.) K.Koch
187 *Rhaponticum centauroides* (L.) O.Bolòs
188 *Rudbeckia occidentalis* Nutt.
189 * *Santolina pinnata* Viv.
190 *Santolina rosmarinifolia* L.
191 *Scolymus hispanicus* L.
192 *Senecio macrophyllus* M.Bieb.
193 *Serratula coronata* L.
194 * *Serratula tinctoria* L. [Wychody, prov. Lubelskie, PL]
195 *Silybum marianum* (L.) Gaertn.
196 *Solidago mollis* Bartl.
197 *Solidago sempervirens* L.
198 × *Solidaster luteus* (Everett) M.L. Green ex Dress
199 * *Sonchus palustris* L.
200 * *Symphotrichum laeve* (L.) Á.Löve et D.Löve
201 *Symphotrichum tradescantii* (L.) G.L.Nesom
202 * *Syneilesis aconitifolia* (Bunge) Maxim.
203 * *Tanacetum balsamita* L. [Matcze, prov. Lubelskie, PL]
204 * *Tanacetum macrophyllum* (Waldst. et Kit.) Sch.Bip.
205 * *Tanacetum millefolium* (L.) Tzvelev
206 *Tanacetum vulgare* L.
207 *Tithonia rotundifolia* (Mill.) S.F.Blake
208 *Verbesina helianthoides* Michx.

- 209 Vernonia noveboracensis (L.) Michx.
 210 Xeranthemum annuum L.
 211 * Zinnia angustifolia Kunth
 212 * Zinnia peruviana (L.) L.

Convolvulaceae

- 213 Convolvulus tricolor L.
 214 Ipomoea purpurea (L.) Roth
 215 Ipomoea transvaalensis A.Meeuse

Cornaceae

- 216 Cornus kousa F.Buerger ex Hance subsp. chinensis (Osborn) Q.Y.Xiang
 217 Cornus officinalis Siebold et Zucc.

Crassulaceae

- 218 Rhodiola kirilowii (Regel) Maxim.
 219 Sedum kamtschaticum Fisch.
 220 * Sedum maximum (L.) Suter [Szczecyn, prov. Lubelskie, PL]
 221 * Sempervivum tectorum L.

Cucurbitaceae

- 222 Benincasa hispida (Thunb.) Cogn.
 223 Bryonia cretica L.
 224 Cyclanthera pedata (L.) Schrad.
 225 Diplocyclos palmatus (L.) C.Jeffrey
 226 Lagenaria siceraria (Molina) Standl. 'Birdhouse'
 227 Lagenaria siceraria (Molina) Standl. 'Cobra'
 228 Zehneria pallidinervia C.Jeffrey
 229 Zehneria scabra Sond.

Droseraceae

- 230 Drosera capensis L.
 231 Drosera kansaiensis Debbert

Euphorbiaceae

- 232 Ricinus communis L.

Gesneriaceae

- 233 *Columnnea sanguinea* (Pers.) Hanst.
234 *Deinostigma tamiana* (B.L.Burtt) D.J.Middleton et H.J.Atkins
235 *Microchirita lavandulacea* (Stapf) Yin Z. Wang
236 *Streptocarpus gardenii* Hook.
237 *Streptocarpus rexii* (Bowie ex Hook.) Lindl.

Geraniaceae

- 238 *Geranium pratense* L.

Grossulariaceae

- 239 *Ribes aureum* Pursh

Lamiaceae

- 240 *Agastache foeniculum* (Pursh) Kuntze
241 *Agastache rugosa* (Fisch. et C.A.Mey.) Kuntze
242 * *Ajuga chamaepitys* (L.) Schreb. [Kornelówka, prov. Lubelskie, PL]
243 *Dracocephalum moldavica* L.
244 * *Elsholtzia ciliata* (Thunb.) Hyl. [Kazimierz Dolny, prov. Lubelskie, PL]
245 *Horminum pyrenaicum* L.
246 *Lavandula angustifolia* Mill.
247 *Leonotis nepetifolia* (L.) R.Br.
248 *Leonotis leonurus* (L.) R.Br.
249 *Leonurus cardiaca* L.
250 *Leonurus japonicus* Houtt.
251 *Marrubium globosum* Montbret et Aucher ex Benth.
subsp. *libanoticum* (Boiss.) P.H.Davis
252 *Marrubium supinum* L.
253 *Marrubium vulgare* L.
254 * *Mentha suaveolens* Ehrh.
255 *Monarda citriodora* Cerv. ex Lag.
256 *Monarda didyma* L. 'Piatre Night'
257 * *Monarda punctata* L.
258 *Monardella odoratissima* Benth.
259 *Nepeta cataria* L.
260 *Nepeta* × *faaseni* Bergmans ex Stearn
261 *Nepeta* × *faaseni* Bergmans ex Stearn 'Six Hills Giant'

- 262** * *Nepeta grandiflora* M.Bieb.
263 *Nepeta nuda* L.
264 *Nepeta sibirica* L.
265 *Nepeta subsessilis* Maxim.
266 *Ocimum basilicum* L. 'Fine Verde'
267 *Ocimum basilicum* L. 'Genovese'
268 *Ocimum basilicum* L. 'Large Sweet'
269 *Ocimum basilicum* L. 'Minimum'
270 *Ocimum basilicum* L. 'Olive'
271 *Ocimum basilicum* L. 'Palla Compacto'
272 *Ocimum basilicum* L. 'Sweet'
273 *Perilla frutescens* (L.) Britton
274 *Phlomis russeliana* (Sims) Lag. ex Benth.
275 *Phlomoides tuberosa* (L.) Moench
276 * *Prunella grandiflora* (L.) Scholler [Tarnogóra, prov. Lubelskie, PL]
277 *Prunella* × *intermedia* Link
278 *Pycnanthemum virginianum* (L.) T.Durand et B.D.Jacks. ex B.L.Rob. et Fernald
279 *Salvia aethiopis* L.
280 *Salvia argentea* L.
281 *Salvia farinacea* Benth.
282 *Salvia fruticosa* Mill.
283 * *Salvia glutinosa* L.
284 *Salvia hispanica* L.
285 *Salvia jurisicii* Košanin
286 *Salvia miltiorrhiza* Bunge
287 *Salvia nemorosa* L.
288 * *Salvia nubicola* Wall. ex Sweet
289 * *Salvia officinalis* L.
290 *Salvia pratensis* L.
291 *Salvia przewalskii* Maxim.
292 *Salvia repens* Burch. ex Benth.
293 * *Salvia verticillata* L. [Wirkowice, prov. Lubelskie, PL]
294 *Salvia viridis* L.
295 *Salvia viscosa* Jacq.
296 *Scutellaria albida* L.
297 *Stachys alopecuroides* (L.) Benth.
298 *Stachys byzantina* K.Koch

- 299 * *Stachys germanica* L. [Tarnawatka, prov. Lubelskie, PL]
 300 * *Stachys heraclea* All.
 301 * *Stachys officinalis* (L.) Trevis.
 302 * *Sideritis hyssopifolia* L.

Lardizabalaceae

- 303 *Decaisnea insygnis* (Griff.) Hook.f. et Thomson

Leguminosae

- 304 *Astragalus cicer* L.
 305 *Astragalus glycyphyllos* L.
 306 * *Astragalus onobrychis* L. [Czumów, prov. Lubelskie, PL]
 307 *Baptisia australis* (L.) R.Br.
 308 *Cercis siliquastrum* L. 'Alba'
 309 *Clitoria ternatea* L.
 310 *Galega officinalis* L.
 311 *Genista tinctoria* L.
 312 *Glycyrrhiza echinata* L.
 313 * *Lathyrus niger* (L.) Bernh. [Wolwinów near Chełm, prov. Lubelskie, PL]
 314 *Medicago sativa* L.
 315 *Onobrychis viciifolia* Scop.
 316 *Rhynchosia phaseoloides* (Sw.) DC.
 317 *Sophora flavescens* Aiton
 318 * *Trifolium pannonicum* Jacq. [Sobibór, prov. Lubelskie, PL]
 319 *Trifolium rubens* L.
 320 * *Vicia cassubica* L. [Mamerki, prov. Warmińsko-Mazurskie, PL]

Linaceae

- 321 *Linum usitatissimum* L.

Lythraceae

- 322 * *Lythrum virgatum* L.

Malvaceae

- 323 *Abelmoschus esculentus* (L.) Moench
 324 * *Abutilon theophrasti* Medik.
 325 *Alcea rosea* L. 'Nigra'
 326 *Hibiscus integrifolius* (Chapm.) Small
 327 *Hibiscus sabdariffa* L.

- 328 *Hibiscus trionum* L.
 329 *Kitaibelia vitifolia* Willd.
 330 * *Lavatera thuringiaca* L. [Czumów, prov. Lubelskie, PL]
 331 *Sida hermaphrodita* (L.) Rusby
 332 *Tilia* × *euchlora* K.Koch

Myrtaceae

- 333 *Psidium cattleianum* Afzel. ex Sabine
 334 *Psidium cattleianum* Afzel. ex Sabine f. *lucidum* O.Deg.

Oleaceae

- 335 * *Jasminum fruticans* L.

Onagraceae

- 336 *Oenothera biennis* L.
 337 *Oenothera fruticosa* L.
 338 *Oenothera rosea* L'Hér. ex Aiton

Paeoniaceae

- 339 *Paeonia arietina* G.Anderson
 340 * *Paeonia daurica* Andrews subsp. *coriifolia* (Rupr.) D.Y.Hong
 341 *Paeonia daurica* Andrews subsp. *mlokosewitschii* (Lomakin) D.Y.Hong
 342 * *Paeonia officinalis* L.
 343 *Paeonia peregrina* Mill.
 344 *Paeonia tenuifolia* L.

Papaveraceae

- 345 * *Glaucium flavum* Crantz
 346 *Meconopsis paniculata* (D.Don) Prain
 347 *Papaver rupifragum* Boiss. et Reut.

Passifloraceae

- 348 *Passiflora amethystina* J.C.Mikan
 349 *Passiflora calcarata* Mast.
 350 *Passiflora gracilis* J.Jacq. ex Link
 351 *Passiflora suberosa* L.

Paulowniaceae

352 Paulownia tomentosa Steud.

Pedaliaceae

353 Sesamum indicum L.

Phyllanthaceae

354 Flueggea suffruticosa (Pall.) Baill.

Phytolaccaceae

355 Petiveria alliacea L.

356 Rivina humilis L.

Plantaginaceae

357 * Antirrhinum braun-blanquetii Rothm.

358 * Antirrhinum majus L.

359 Digitalis ferruginea L.

360 * Digitalis lutea L.

361 Digitalis mariana Boiss.

362 Digitalis trojana Ivanina

363 Digitalis viridiflora Lindl.

364 Digitalis parviflora Jacq.

365 Globularia punctata Lapeyr.

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

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

368 Plantago sempervirens Crantz

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

370 Veronicastrum virginicum (L.) Farw.

Plumbaginaceae

371 * Armeria curvifolia Bertero

372 * Armeria villosa Girard

Polemoniaceae

373 Collomia grandiflora Douglas ex Lindl.

374 Gilia capitata Sims

375 Gilia tricolor Benth.

376 Phlox drummondii Hook.

Polygonaceae

- 377 *Persicaria weyrichii* (F.Schmidt) H.Gross

Primulaceae

- 378 * *Lysimachia ephemereum* L.

Ranunculaceae

- 379 * *Aconitum lamarckii* Rchb.
380 * *Aquilegia atrata* Koch
381 *Clematis integrifolia* L.
382 * *Delphinium elatum* L.
383 *Nigella damascena* L.
384 *Nigella sativa* L.
385 * *Thalictrum aquilegiifolium* L. [Kacze Doły near Wola Niemecka, prov. Lubelskie, PL]
386 * *Thalictrum minus* L. [Lublin, prov. Lubelskie, PL]

Rosaceae

- 387 *Acaena novae-zelandiae* Kirk
388 *Acaena saccaticupula* Bitter
389 * *Cotoneaster gracilis* Rehder et E.H.Wilson
390 *Cotoneaster horizontalis* Decne.
391 * *Cotoneaster kweitschoviensis* G.Klotz
392 * *Cotoneaster niger* (Thunb.) Fr. [Trzy Korony, Pieniny Mts., prov. Małopolskie, PL]
393 *Crataegus persimilis* Sarg.
394 *Cydonia oblonga* Mill.
395 *Geum coccineum* Sibth. et Sm.
396 * *Potentilla desertorum* Bunge
397 * *Potentilla nepalensis* Hook.
398 *Potentilla recta* L.
399 *Rosa californica* Cham. et Schldl. 'Plena'
400 * *Rosa gallica* L. [Wychody, prov. Lubelskie, PL]
401 *Rosa gallica* L. 'Grandiflora'
402 *Rosa multiflora* Thunb.
403 *Rosa rugosa* Thunb. 'Hansa'
404 *Rosa* × *rugotida* Darthuis 'Dart's Deffender'
405 *Rosa spinosissima* L.

- 406 Rosa spinosissima L. 'Hispidá'
407 * Sanguisorba officinalis L.
408 * Sanguisorba officinalis L. [Kraśnik, prov. Lubelskie, PL]
409 * Spiraea formosana Hayata
410 Spiraea miyabei Koidz.
411 Spiraea trifoliata L.

Rubiaceae

- 412 * Asperula tinctoria L. [Czumów, prov. Lubelskie, PL]
413 Phuopsis stylosa (Trin.) Hook.f. ex B.D.Jacks.

Rutaceae

- 414 Dictamnus albus L. 'Albiflorus'
415 Ruta chalepensis L.
416 Ruta graveolens L.

Sapindaceae

- 417 Acer griseum (Franch.) Pax
418 Acer henryi Pax
419 Cardiospermum halicacabum L.

Saxifragaceae

- 420 Heuchera americana L.
421 Rodgersia aesculifolia Batalin var. henricii (Franch.) C.Y.Wu ex J.T.Pan
422 Saxifraga rotundifolia L.
423 Tellima grandiflora (Pursh) Douglas ex Lindl.

Scrophulariaceae

- 424 Buddleja davidii Franch.
425 Alonsoa meridionalis (L.f.) Kuntze
426 * Verbascum blattaria L.
427 * Verbascum speciosum Schrad.
428 * Verbascum chaixii Vill. subsp. austriacum (Schott ex Roem. et Schult.) Hayek

Solanaceae

- 429 Atropa belladonna L. 'Lutea'
430 Capsicum annuum L. 'Buldog'
431 Capsicum annuum L. 'Capella'

- 432 *Capsicum annuum* L. ‘Chocolate Miniature Bell’
 433 *Capsicum annuum* L. ‘Pardon’
 434 *Capsicum annuum* L. ‘Petit Marseillais’
 435 *Capsicum annuum* L. ‘Purple Delight’
 436 *Capsicum annuum* L. ‘Tequila Sunrise’
 437 *Capsicum annuum* L. ‘Tuba’
 438 *Cyphomandra betacea* (Cav.) Sendtn.
 439 *Hyoscyamus albus* L.
 440 *Hyoscyamus niger* L.
 441 *Jaltomata procumbens* (Cav.) J.L.Gentry
 442 *Lycopersicon esculentum* Mill. ‘Black Cherry’
 443 *Lycopersicon esculentum* Mill. ‘Black Ethiopian’
 444 *Lycopersicon esculentum* Mill. ‘Coyote’
 445 *Lycopersicon esculentum* Mill. ‘Green Ball Pepper’
 446 *Lycopersicon esculentum* Mill. ‘Koralik’
 447 *Lycopersicon esculentum* Mill. ‘Poland Pink’
 448 *Nicotiana glauca* Graham
 449 * *Petunia axillaris* (Lam.) Britton, Sterns et Poggenb.
 450 *Petunia exerta* J.R.Stehm. in Napaea
 451 *Physalis ixocarpa* Brot. ex Hornem ‘Amarylla’
 452 *Physalis ixocarpa* Brot. ex Hornem. ‘Purple Di Milpa’
 453 *Physalis ixocarpa* Brot. ex Hornem. ‘Violet Tomatillo’
 454 *Physalis pubescens* L.
 455 *Solanum abutiloides* (Griseb.) Bitter et Lillo
 456 *Solanum aethiopicum* L. ‘Japanese Black Stem’
 457 *Solanum americanum* Mill.
 458 *Solanum melongena* L. ‘Green Round’
 459 *Solanum pimpinellifolium* L.
 460 *Solanum sisymbriifolium* Lam.
 461 *Solanum scabrum* Mill.
 462 *Solanum uporo* Dunal
 463 *Solanum villosum* Mill.
 464 *Solanum viride* Schur

Styracaceae

- 465 *Halesia tetraptera* L. var. *monticola* (Rehder) Reveal et Seldin

Theaceae

- 466 *Stewartia pseudocamellia* Maxim.

Ulmaceae

- 467 *Ulmus parvifolia* Jacq.

Urticaceae

- 468 *Parietaria officinalis* L.
469 *Pilea microphylla* (L.) Liebm.

Verbenaceae

- 470 *Phyla scaberrima* (Juss. ex Pers.) Moldenke
471 *Verbena bonariensis* L.
472 *Verbena macdougalii* A.Heller

ANGIOSPERMAE MONOCOTYLEDONEAE

Amaryllidaceae

- 473 *Allium altaicum* Pall.
474 *Allium aflatunense* B.Fedtsch.
475 *Allium ascalonicum* L.
476 *Allium cyathophorum* Bureau et Franch.
477 * *Allium flavum* L.
478 *Allium ledebourianum* Schult. et Schult.f.
479 *Allium obliquum* L.
480 * *Allium ramosum* L. [Kamienna Nowa, prov. Podlaskie, PL]
481 * *Allium victorialis* L. [Zwierzyniec, prov. Lubelskie, PL]
482 *Paradisea liliastrum* (L.) Bertol.

Arecaceae

- 483 *Chamaerops humilis* L.

Asparagaceae

- 484 * *Anthericum ramosum* L. [Tarnogóra, prov. Lubelskie, PL]
485 *Arthropodium cirrhatum* (G.Forst.) R.Br
486 *Ornithogalum pyrenaicum* L.

Bromeliaceae

- 487 *Puya mirabilis* (Mez) L.B.Sm.
488 *Pitcairnia xanthocalyx* Mart.
489 *Pitcairnia paniculata* (Ruiz et Pav.) Ruiz et Pav.

Cannaceae

- 490 *Canna indica* L.
491 *Canna tuerckheimii* Kraenzl.

Commelinaceae

- 492 *Commelina tuberosa* L.
493 *Tradescantia virginiana* L.

Costaceae

- 494 *Costus dubius* (Afzel.) K.Schum.

Cyperaceae

- 495 * *Carex pendula* Huds.
496 *Cyperus alternifolius* L.
497 *Cyperus prolifer* Lam.

Iridaceae

- 498 *Iris domestica* (L.) Goldblatt et Mabb.
499 *Iris graminea* L.
500 *Iris orientalis* Mill.
501 *Iris pallida* Lam.

Liliaceae

- 502 *Tulipa sylvestris* L.

Melanthiaceae

- 503 *Anticlea elegans* (Pursh) Rydb.

Poaceae

- 504 * *Briza media* L. [Krywe, Bieszczady Mts., Podkarpackie, PL]
505 * *Bromus tectorum* L. [Janowiec, prov. Lubelskie, PL]
506 *Coix lacryma-jobi* L.
507 *Coix lacryma-jobi* L. var. *ma-yuen* (Rom.Caill.) Stapf

- 508** Festuca eskia Ramond ex DC.
509 * Festuca psammophila (Hack. ex Čelak.) Fritsch [Kazimierz Dolny, prov. Lubelskie, PL]
510 Festuca vaginata Waldst. et Kit. ex Willd.
511 Koeleria brevis Steven
512 * Koeleria macrantha (Ledeb.) Schult.
513 Koeleria splendens C.Presl
514 Koeleria vallesiana (Honck.) Bertol. ex Schult.
515 Melica altissima L.
516 Melica ciliata L.
517 Muhlenbergia mexicana (L.) Trin.
518 Oryza sativa L.
519 Oryza sativa L. subsp. indica Kato
520 Panicum miliaceum L.
521 * Phleum phleoides (L.) H.Karst. [Tamogóra, prov. Lubelskie, PL]
522 Setaria italica (L.) P.Beauv.
523 Setaria macrostachya Kunth
524 Sorghum bicolor (L.) Moench 'Mohr'
525 Sorghum × drummondii (Nees ex Steud.) Millsp. et Chase

Xanthorrhoeaceae

- 526** Asphodeline liburnica (Scop.) Rchb.
527 Asphodelus albus Mill.
528 Eremurus robustus (Regel) Regel
529 Hemerocallis minor Mill.
530 Kniphofia caulescens Baker
531 * Kniphofia hirsuta Codd

Zingiberaceae

- 532** Globba marantina L.
533 Globba schomburgkii Hook.f.
534 Hedychium gardnerianum Sheppard ex Ker Gawl.
535 Hedychium horsfieldii R.Br. ex Wall.

SEMINA PLANTARUM EX NATURALIBUS COLLECTA

Anna Cwener, Michał Czernecki, Agnieszka Dąbrowska

536	<i>Agrimonia eupatoria</i> L.	Tarnogóra, prov. Lubelskie, PL
537	<i>Anthericum ramosum</i> L.	Jakubowice Murowane, prov. Lubelskie, PL
538	<i>Arctium nemorosum</i> Lej.	Lasy Strzeleckie, prov. Lubelskie, PL
539	<i>Cerintho minor</i> L.	Kozia Góra, prov. Lubelskie, PL
540	<i>Cichorium intybus</i> L.	Jakubowice Murowane, prov. Lubelskie, PL
541	<i>Cirsium canum</i> (L.) All.	Dobużek, prov. Lubelskie, PL
542	<i>Dianthus carthusianorum</i> L.	Lublin, prov. Lubelskie, PL
543	<i>Dipsacus pilosus</i> L.	Miętkie, prov. Lubelskie, PL
544	<i>Eryngium planum</i> L.	Jakubowice Murowane, prov. Lubelskie, PL
545	<i>Filipendula vulgaris</i> Moench	Lublin, prov. Lubelskie, PL
546	<i>Hypericum perforatum</i> L.	Kozia Góra, prov. Lubelskie, PL
547	<i>Lavatera thuringiaca</i> L.	Gródek, prov. Lubelskie, PL
548	<i>Malva sylvestris</i> L.	Jakubowice Murowane, prov. Lubelskie, PL
549	<i>Melampyrum arvense</i> L.	Kozia Góra, prov. Lubelskie, PL
550	<i>Nepeta nuda</i> L.	Czumów, prov. Lubelskie, PL
551	<i>Peucedanum cervaria</i> (L.) Cusson ex Lapeyr.	Kąty, prov. Lubelskie, PL
552	<i>Phleum phleoides</i> (L.) H.Karst.	Trześniów, prov. Lubelskie, PL
553	<i>Pilosella echiodides</i> (Lumn.) F.W.Schultz et Sch.Bip	Gródek, prov. Lubelskie, PL
554	<i>Salvia nemorosa</i> L.	Gródek, prov. Lubelskie, PL
555	<i>Salvia pratensis</i> L.	Lublin, prov. Lubelskie, PL
556	<i>Salvia verticillata</i> L.	Kozia Góra, prov. Lubelskie, PL
557	<i>Serratula tinctoria</i> L.	Lasy Strzeleckie, prov. Lubelskie, PL
558	<i>Seseli libanotis</i> (L.) W.D.J.Koch	Tarnogóra, prov. Lubelskie, PL
559	<i>Silene latifolia</i> Poir.	Jakubowice Murowane, prov. Lubelskie, PL
560	<i>Scabiosa ochroleuca</i> L.	Lublin, prov. Lubelskie, PL
561	<i>Stachys recta</i> L.	Trześniów, prov. Lubelskie, PL
562	<i>Thalictrum minus</i> L.	Lublin, prov. Lubelskie, PL
563	<i>Thalictrum minus</i> L.	Tarnogóra, prov. Lubelskie, PL
564	<i>Verbascum phoeniceum</i> L.	Lublin, prov. Lubelskie, PL
565	<i>Veronica spicata</i> L.	Lublin, 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.

NOMINA PLANTARUM INDICATA SUND:

Index Kewensis – www.theplantlist.org (January 2020)

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DESIDERATA 2019

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Please do not order more than 50 packages.

(Please send your request for seeds before 15 April 2020)

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

Your full address:

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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