

UNIVERSITAS CAROLINA PRAGENSIS * FACULTAS RERUM NATURALIUM

Hortus botanicus Universitatis Carolinae

INDEX SEMINUM 2021




Botanická Přírodovědecké
zahrada fakulty UK
v Praze

Director:

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Geographic information

Latitude: 50°4'14.494" N

Longitude: 14°25'11.449" E

Altitude: 205 m a.s.l.

Climatic information

Month	1	2	3	4	5	6	7	8	9	10	11	12
Mean Air Temperature (° C)	-0,9	0,8	4,6	9,2	14,2	17,5	19,1	18,5	14,7	9,7	4,4	0,9
Total Precipitation (mm)	19,8	19,2	24,4	31,8	59,9	58,8	58,3	63,2	37,1	26,3	28,2	19,5
Sunshine Duration (h)	44,6	69,2	119,0	162,8	208,3	210,8	219,6	210,4	156,4	117,3	50,1	42,5

Dear Madam, Dear Sir,
Dear Colleague,
we are pleased to send you our **Index seminum 2021**.

Nomenclature used:

1) indigenous plants: new determination key to the flora of the Czech Republic (Key to the flora of the Czech Republic: Kaplan Z., Danihelka J., Chrtek J. jun., Kirschner J., Kubát K., Štech M. & Štěpánek J. [eds.]. Ed. 2. - 1168p., Academia, Praha, 2019)

2) plants native to Slovakia: on-line checklist of Slovakian plants (<http://ibot.sav.sk/checklist/>)

3) other plants: mainly The Plant List (www.theplantlist.org/).

Only requests reaching us before **February 28, 2021** will be processed

Please limit your order to **20 numbers!**

On request, the original locality of most species can be supplied.

If there are any changes in your institution's address, please inform us so that correction will be made in our database.

R = rare; we have only a limited amount of seeds.

Send to: **index@natur.cuni.cz**

or

**Charles University
Faculty of Science
BOTANICAL GARDEN
128 01 Praha, Na Slupi 16
CZECH REPUBLIC**



DESIDERATA 2021 :

Your address:

1. Seeds and fruits collected from plants cultivated outdoors in the Botanical Garden

Alismataceae

- 1 Alisma plantago-aquatica L.

Amaryllidaceae

- 159 Agapanthus campanulatus subsp. patens (F.M.Leight.) F.M.Leight.

LS-1-M-2010/0466, Lesotho, Ha-Monyane

- 2 Allium nutans L.

- 3 Allium senescens subsp. montanum (Pohl) Holub

Anacardiaceae

- 4 Rhus aromatica Aiton

Apiaceae

- 5 Angelica archangelica L.

- 6 Astrantia major L.

- 7 Bupleurum rotundifolium L.

- 163 Eryngium paniculatum Cav. & Dombey ex f.Delaroche

CL-0-BONN-33093, Chile, VII. Region, Reserva Nacional Altos del Lircay, alt. 400 - 1550 m, coll. Belov M.

- 8 Levisticum officinale W. D. J. Koch

- 9 Pimpinella anisum L.

- 10 Sium sisarum L.

- 11 Smyrniium perfoliatum L.

Apocynaceae

- 12 Asclepias incarnata L.

- 13 Vincetoxicum pannonicum (Borhidi) Holub

Aquifoliaceae

- 14 Ilex aquifolium L.

Araceae

- 15 Arum maculatum L.

- 16 Arum nigrum Schott

Araliaceae

- 17 Eleutherococcus sieboldianus (Makino) Koidz.

Asparagaceae

- 18 *Albuca shawii* Baker
RSA, Witsieshoek Mt. Resort, 2200m; 2003/01.
- 19 *Anthericum liliago* L.
- 20 *Anthericum ramosum* L.
- 21 *Muscari comosum* (L.) Mill.
- 168 *Ornithogalum candicans* (Baker) J.C.Manning & Goldblatt
- 169 *Ornithogalum princeps* (Baker) J.C.Manning & Goldblatt
- 22 *Scilla forbesii* (Baker) Speta

Asphodelaceae

- 23 *Asphodeline liburnica* (Scop.) Rchb.
- 170 *Phormium colensoi* Hook.f.

Asteraceae

- 24 *Arctium tomentosum* Mill.
- 171 *Berlandiera lyrata* Benth.
USA, BG Denver
- 25 *Centaurea benedicta* (L.) L.
- 26 *Cichorium intybus* L.
- 27 *Cirsium erisithales* (Jacq.) Scop.
- 28 *Cynara scolymus* L.
- 29 *Echinacea purpurea* (L.) Moench
- 30 *Hieracium tomentosum* L.
- 31 *Inula helenium* L.
- 32 *Inula hirta* L.
- 33 *Leontodon hispidus* L.
- 34 *Rhaponticum carthamoides* (Willd.) Iljin
- 35 *Scorzonera hispanica* L.
- 36 *Silybum marianum* (L.) Gaertn.
- 37 *Tephrosieris integrifolia* subsp. *capitata* (Wahlenb.) B.Nord.
- 38 *Xeranthemum cylindraceum* Sm.

Betulaceae

- 39 *Alnus subcordata* C.A.Mey.
- 40 *Betula papyrifera* Marshall

Bignoniaceae

- 41 *Catalpa bignonioides* Walter

Boraginaceae

- 42 *Lappula myosotis* V. Wolf
- 43 *Lithospermum officinale* L.

Brassicaceae

- 44 Arabis turrita L.
- 45 R Hornungia alpina (L.) O.Appel
- 46 Isatis tinctoria L.
- 47 Lunaria rediviva L.

Calycanthaceae

- 48 Calycanthus floridus L.

Campanulaceae

- 49 Codonopsis lanceolata (Siebold & Zucc.) Benth. & Hook.f. ex Trautv.
- 50 Lobelia inflata L.

Cannabaceae

- 51 Celtis occidentalis L.

Caprifoliaceae

- 52 Scabiosa ochroleuca L.
- 53 Succisa pratensis Moench
- 54 Symphoricarpos albus var. laevigatus (Fernald) S.F.Blake

Caryophyllaceae

- 55 Agrostemma githago L.
- 56 Gypsophila paniculata L.
- 57 Petrorhagia prolifera (L.) P.W.Ball et Heywood
- 58 Saponaria officinalis L.
- 59 Silene latifolia Poir. subsp. alba (Mill.) Greuter et Burdet
- 60 Viscaria vulgaris Bernh.

Celastraceae

- 61 Euonymus alatus (Thunb.) Siebold

Cistaceae

- 62 R Helianthemum canum (L.) Baumg.
- 63 R Helianthemum grandiflorum subsp. obscurum (Wahlenb.) Holub

Cornaceae

- 64 Cornus sanguinea L.

Cupressaceae

- 65 Juniperus scopulorum Sarg.
- 66 Metasequoia glyptostroboides Hu & W.C.Cheng

Cyperaceae

- 67 Carex flava L.

Dryopteridaceae

- 68 Dryopteris filix-mas (L.) Schott.

Elaeagnaceae

- 69 Elaeagnus angustifolia L.

Fabaceae

- 70 Cercis siliquastrum L.
71 Colutea arborescens L.
72 Coronilla coronata L.
73 Galega officinalis L.
74 Lathyrus latifolius L.
75 Lathyrus nissolia L.
76 Medicago arabica (L.) Huds.
77 R Vicia cassubica L.
78 R Vicia orobus DC.

Fagaceae

- 79 Quercus rubra L.

Hypericaceae

- 80 Hypericum degenii Bornm.
81 Hypericum hirsutum L.
82 Hypericum perforatum L.
83 Hypericum tetrapterum Fries

Iridaceae

- 208 Crocosmia aurea (Pappe ex Hook.) Planch.
RSA, Transkei
84 Iris domestica (L.) Goldblatt & Mabb.
85 Iris pseudacorus L.
212 Sisyrinchium macrocarpum Hieron.
213 Sisyrinchium patagonicum Phil. ex Baker
AR-0-NGOET-3644, Argentina, Tierra del Fuego

Juglandaceae

- 86 Carya cordiformis (Wangenh.) K.Koch

Juncaceae

- 87 Juncus articulatus L.
88 Luzula nivea (L.) DC.

Juncaginaceae

- 89 Triglochin maritima L.

Lamiaceae

- 90 Betonica officinalis L.
91 Callicarpa bodinieri H.Lév.
92 Callicarpa dichotoma (Lour.) K.Koch
93 Galeopsis segetum Neck.
94 Lavandula angustifolia Mill.
95 Leonurus cardiaca L.
96 Melissa officinalis L.
97 Nepeta cataria L.
98 Origanum vulgare L.
99 Salvia hispanica L.
100 Salvia nemorosa L.
101 Salvia sclarea L.
102 Sideritis glacialis Boiss.
103 Stachys germanica L.
104 Teucrium scorodonia L.

Magnoliaceae

- 105 Magnolia acuminata (L.)L.

Malvaceae

- 106 Althaea officinalis L.
107 Lavatera thuringiaca L.
108 Tilia americana L.

Melanthaceae

- 218 Francoa appendiculata Cav.

Oleaceae

- 109 Fraxinus americana L.
110 Fraxinus angustifolia subsp. oxycarpa (Willd.) Franco & Rocha Afonso
111 Fraxinus pennsylvanica Marshall

Onagraceae

- 219 Oenothera acaulis Cav.
Chile, coll. Belov M.
112 Oenothera biennis L.

Papaveraceae

- 113 *Papaver rhoeas* L.

Plantaginaceae

- 114 *Digitalis lanata* Ehrh.
115 *Plantago lanceolata* L.
116 *Veronica spicata* L.
117 *Veronica subsessilis* (Miq.) Carriere

Poaceae

- 118 *Bromus secalinus* L.
221 *Chascolytrum subaristatum* (Lam.) Desv.
119 *Lolium temulentum* L.
120 *Oryza sativa* L.
222 *Pennisetum macrourum* Trin.
121 *Stipa capillata* L.

Polygonaceae

- 122 *Rumex triangulivalvis* (Danser) Rech. f.

Primulaceae

- 123 R *Primula bulleyana* Forrest
124 *Primula denticulata* Sm.
125 *Primula japonica* A. Gray 'Miller's Crimson'
126 R *Primula polyneura* Franch.

Ranunculaceae

- 127 *Aconitum lycoctonum* L.
128 *Clematis recta* L.
129 *Clematis stans* Siebold & Zucc.
130 *Thalictrum aquilegifolium* L.
131 *Thalictrum lucidum* L.

Rosaceae

- 133 *Agrimonia procera* Wallr.
134 *Comarum palustre* L.
135 *Cydonia oblonga* Mill.
136 *Filipendula ulmaria* (L.) Maxim.
137 *Geum urbanum* L.
138 *Chaenomeles japonica* (Thunb.) Lindl. ex Spach
139 *Physocarpus opulifolius* (L.) Maxim.
140 *Potentilla recta* L.
141 *Pyracantha coccinea* M.Roem.

- 142 Sanguisorba minor Scop.
- 143 Sanguisorba officinalis L.
- 144 Sorbus alnifolia (Siebold & Zucc.) K.Koch

Rutaceae

- 145 Ruta graveolens L.

Sapindaceae

- 146 Acer macrophyllum Pursh
- 147 Acer pectinatum subsp. laxiflorum (Pax) A.E.Murray
- 148 Acer tataricum L.
- 149 Koelreuteria paniculata Laxm.

Solanaceae

- 150 Datura stramonium L.
- 151 Nicandra physalodes (L.) Gaertn.
- 152 Nicotiana tabacum L.

Staphyleaceae

- 153 Staphylea pinnata L.

Typhaceae

- 155 Typha angustifolia L.
- 156 Typha laxmannii Lepech.

Urticaceae

- 157 Parietaria officinalis L.

2. Seeds and fruits from plants cultivated in the greenhouses

Alstroemeriaceae

- 158 *Bomarea edulis* (cf.) (Tussac) Herb.
Equador, coll. Zeisek V.

Amaryllidaceae

- 160 *Hippeastrum* cv. 'Picotee Petticoat' hort.
161 *Hippeastrum* x *johnsonii* (Gowen) Herb.
162 *Narcissus serotinus* L.

Apocynaceae

- 164 *Stephanotis floribunda* Jacques

Araceae

- 165 *Anthurium verapazense* Engl.
166 Guatemala, coll. Haager J.

Aristolochiaceae

- 167 *Aristolochia littoralis* Parodi

Asteraceae

- 172 *Reichardia ligulata* (Vent.) G. Kunkel et Sunding
Canary Islands, Teneriffe, coll. Rukavička A.
173 *Rhodanthe humboldtiana* (Gaudich.) Paul G. Wilson
XX-0-HAL-964

Basellaceae

- 174 *Anredera cordifolia* (Ten.) Steenis

Boraginaceae

- 175 *Echium candidans* L.f.
176 *Echium decaisnei* Webb & Berthel.
Gran Canaria

Bromeliaceae

- 177 *Aechmea aquilega* (Salisb.) Griseb.
178 *Aechmea candida* E. Morren ex Baker
179 *Billbergia magnifica* Mez (var. *acutisepala*)
180 *Fosterella penduliflora* (C.H. Wright) L.B. Sm.
181 *Tillandsia caput-medusae* E. Morren
182 *Tillandsia maritima* Matuda
Mexico, Yucatán, Uxmal, coll. Poupě J.

183 Tillandsia setacea Sw.

184 Tillandsia sp.

Mexico

Cactaceae

185 Frailea castanea 'asterioides' Backeb.

Brazil, Rio Grande do Sul, Livramento to Fazenda Topador, coll. Stockinger F. (FS 485)

186 Frailea fulvolanata n.n.

187 Frailea gracilima subsp. horstii (F.Ritter) P.J.Braun & Esteves

Brazil, Rio Grande do Sul, Pinheiro Machado, coll. Wolf Reiner Abraham (WRA 373)

188 Mediolobivia orurensis (Backeb.) Backeb.

Bolívie, coll. Odehnal J. (JO s.n.)

199 Rebutia brunescens Rausch

Bolívie, Chuquisaca, SE of Sucre, coll. Jakubec V. (VJ s.n.)

200 Rebutia canacruzensis Rausch

Bolívie, coll. Odehnal J. (JO s.n.)

201 Rebutia fulviseta Rausch

Bolívie, Tarija, Arce, Padcaya, 2200 m, coll. Hillmann R. (RH 1042)

202 R Rebutia malochii Slaba & Lad.Fisch.

Bolivia, dep. Chuquisaca, Nor Cinti, Tacacuire, 3150 m, coll. Fischer L. (LF 359)

203 Setiechinopsis mirabilis (Speg.) Backeb. ex de Haas

Argentina, Córdoba, Salina Ambargasta, SW of of the lowermost extensions of the Sierra Ambargasta, about at the frontier to Prov. Santiago del Estero, 920 m., coll. Amerhauser H., Strigl F. & Till H. (STO 432)

Caricaceae

204 Carica papaya L.

Cycadaceaea

205 Cycas circinalis L.

Discoreaceae

206 Tacca integrifolia Ker Gawl.

Fabaceae

207 Abrus precatorius L.

Iridaceae

209 Dietes grandiflora Klatt

210 Dietes iridioides (L.) Sweet

211 Ennealophus euryandrus (Griseb.) Ravenna

BO-0-M-2000/1134, Bolivia, Santa Cruz, between Comarapa and Jagüe, km 2,5, 2140 m, 18°04' S 64°20' W

Loasaceae

- 214 *Caiophora chuquitensis* (Meyen) Urb. & Gilg
Chile, I. Region, Chusmiza, 2900-3200 m, coll. Belov M.

Malvaceae

- 216 *Pavonia sepium* A.St.-Hil.
217 *Pterospermum acerifolium* (L.) Willd.

Poaceae

- 220 *Elionurus muticus* (Spreng.) Kuntze
RSA, East. Cape, Grahamstown Commonage
223 *Polypogon monspeliensis* (L.) Desf.
FR-0-P-2017g157, France, Villeneuve-Loubet, 12 m.

Scrophulariaceae

- 224 *Hebenstretia dentata* L.
XX-0-SBT-S.8731

Solanaceae

- 225 *Nicotiana glauca* Graham
226 *Nolana humifusa* (Gouan) I.M.Johnst.
XX-0-BR-19901501
227 *Petunia exserta* Stehm.
228 *Petunia integrifolia* (Hook.) Schinz & Thell.
PY-0-DR-004105, Paraguay
229 *Solanum linnaeanum* Hepper & P.-M.L.Jaeger
Madeira, Ponta de São Lourenço, coll. Procházka T. (TP s.n.)

Talinaceae

- 154 *Talinum paniculatum* (Jacq.) Gaertn.

Zingiberaceae

- 230 *Alpinia alpina* (Elmer) R.M.Sm. ex M.F.Newman, Lhuillier & A.D.Poulsen
231 *Alpinia calcarata* (Haw.) Roscoe

3. Seeds and fruits collected in situ

Apiaceae

232 Eryngium planum L.

Slovak Republic, Senné, 48.6678539N, 22.0320986E, 23.8.2020, coll. Konečná E.

Asteraceae

233 Adenostyles alliariae (Gouan) A.Kern.

Czech Republic, Jeseníky Mts., Červená hora Mt., 50.1456108N, 17.1342950E, 20.8.2020, coll. Kindlová Š.

234 Cirsium canum (L.) All.

Czech Republic, Turkovice u Přelouče, 49.9555956N, 15.5542214E, 5.8.2020, coll. Kindlová Š.

235 Tragopogon dubius Scop.

Czech Republic, Havraníky, 48.7809664N, 15.9927608E, 7.7.2020, coll. Hrouda M. and Kindlová Š. and Štěpánová L.

236 Tragopogon orientalis L.

Czech Republic, Turkovice u Přelouče, 49.9555956N, 15.5542214E, 5.8.2020, coll. Kindlová Š.

Boraginaceae

237 Lithospermum officinale L.

Czech Republic, Prague - Velká Chuchle, 50.0146158N, 14.3874014E, 25.9.2020, coll. Kindlová Š.

Cactaceae

238 Cleistocactus baumannii

Argentina, Salta, RP47 4km from RN9 toward Cabra Corral, 2015, coll. Bohata J. (JB L74/15)

Caryophyllaceae

239 Petrorhagia prolifera (L.) P.W.Ball & Heywood

Czech Republic, Havraníky, 48.8167597N, 16.0100853E, 7.7.2020, coll. Hrouda M. and Kindlová Š. and Štěpánová L.

Colchicaceae

240 Colchicum autumnale L.

Czech Republic, Bítov, 48.9374789N, 15.7367033E, 6.7.2020, coll. Hrouda M. and Kindlová Š. and Štěpánová L.

Cyperaceae

241 Eriophorum vaginatum L.

Czech Republic, Jeseníky Mts., Červená hora Mt., 50.1540978N, 17.1300122E, 29.7.2020, coll. Hrouda M.

Fabaceae

242 Cytisus scoparius (L.) Link

Czech Republic, Popice, 48.8184450N, 16.0127350E, 7.7.2020, coll. Hrouda M. and Kindlová Š. and Štěpánová L.

243 Lupinus polyphyllus Lindl.

Czech Republic, Drásov, 49.6985406N, 14.1136503E, 15.9.2020, coll. Hrouda M.

Malvaceae

215 Adansonia digitata L.

N. Senegal, 2019

244 Hibiscus trionum L.

Slovak Republic, Drienovec, 48.6178775N, 20.9303222E, 24.8.2020, coll. Konečná E.

245 Malva alcea L.

Czech Republic, Prague - Lahovičky, 50.0020389N, 14.4012417E, 15.8.2020, coll. Kindlová Š.

Plantaginaceae

246 Digitalis purpurea L.

Czech Republic, Krušské Hory Mts., Mníšek, 50.6118342N, 13.4996497E, 20.9.2020, coll. Hrouda M.

Polygonaceae

247 Rumex arifolius All.

Slovak Republic, Nová Sedlica, 22.8.2020, coll. Konečná E.

Front cover: *Onobrychis viciifolia* - seed
Photo © V. Sýkora 2009.
Photograph is from the book
Tajemství rostlin/Secrets of plants by V. Sýkora and V. Hroudová,
Academia, Praha 2009, www.academia.cz,
<http://www.academia.cz/tajemstvi-rostlin.html>.



