



INSTITUTE
OF BOTANY CAS

Index Seminarum

56/2020

**The Czech Academy of Sciences
Institute of Botany**

CZ-252 43 Průhonice

Index Seminum represents the list of seeds offered for exchange to Botanical Gardens and Institutes.

Průhonice is a village located on the south-eastern edge of the city of Prague. Motorway D1 linking Prague and Brno passes nearby. It takes only about 10 to 15 minutes by car to reach Průhonice from the centre of Prague.

Editor: RNDr. Lenka Moravcová, CSc.



You may address your e-mail, and other messages to: lenka.moravcova@ibot.cas.cz

Seeds collected in the Průhonice Park - Czech Republic

L. Hrdinka, L. Moravcová

Location of the Průhonice park

Latitude: N 49° 58' 43" – 50° 00' 06"

Longitude: E 14° 32' 16" – 14° 34' 26"

Altitude: 281 - 342 m

Area: 244 hectares (2.44 km²)

Mean annual precipitation: 503.1 mm (1994–2008)

Mean annual temperature: 9.2 °C (1994–2008)

(Temperature and precipitation data were kindly provided by Dendrological garden of the Silva Tarouca Institute of Landscape and Ornamental Gardening in Průhonice)

1. *Anemone hupehensis* (LEMOINE) LEMOINE
2. *Anemone ×lesseri* H.R. WEHRH.
3. *Anthericum liliago* L.
4. *Aster amellus* L.
5. *Aurinia saxatilis* (L.) DESV.
6. *Baptisia australis* R.BR.
7. *Campanula latifolia* L.

8. *Chasmanthium latifolium* (MICHX.) H.O.YATES
9. *Dianthus plumarius* L.
10. *Digitalis grandiflora* MILL.
11. *Digitalis purpurea* L.
12. *Echinops ritro* L.
13. *Eryngium amethystinum* L.
14. *Glaucium flavum* CRANTZ
15. *Globularia bisnagarica* L.
16. *Gonolimon tataricum* BOISS.
17. *Helichrysum arenarium* (L.) MOENCH
18. *Inula ensifolia* L.
19. *Kirengeshoma palmata* YATABE
20. *Lavatera thuringiaca* L.
21. *Liatris spicata* (L.) WILLD.
22. *Ligularia dentata* (A.GRAY) HARA.
23. *Ligularia przewalski* (MAXIM.) DIELS
24. *Lunaria rediviva* L.
25. *Lychnis coronaria* (L.) DESR.
26. *Lychnis viscaria* L.
27. *Melica ciliata* L.
28. *Opuntia phaeacantha* ENGELM.
29. *Papaver orientale* L.
30. *Phlomis russeliana* LAG. ex BENTH.
31. *Platycodon grandiflorus* (JACQ.) A.DC.
32. *Rudbeckia laciniata* L.
33. *Ruta graveolens* L.
34. *Saponaria officinalis* L.
35. *Stachys byzantica* K. KOCH
36. *Tanacetum macrophyllum* (WALDST. et KIT.) SCH. BIP.
37. *Telekia speciosa* (SCHREB.) BAUMG.
38. *Vernonia noveboracensis* (L.) MICHX.



INSTITUTE OF BOTANY CAS

INDEX SEMINUM 2020



Hortus Botanicus Třeboň

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Index Seminarum - Orders

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Garden Information

Geographical data:

All seeds are from plants cultivated outdoors or in the greenhouses,

Latitude: N 49° 0' 20.072"

Longitude: E 14° 46' 23.951"

Altitude: 431 m a. s. l.

Area: 0.95 ha

and sandpit of Institute of Botany – 48°58'24.677"N, 14°43'30.028"E; 0.87 ha; 470 m a. s. l.

Meteorological data:

Mean annual precipitation: 607 mm (1977–2015)

Mean annual temperature: 7.7°C (1977–2015)

Seed collectors of Hortus Botanicus Třeboň:

Jana Navrátilová – head of the department and editor of Index Seminum, Václav Pošvic – gardener, Jitka Petrová – gardener, Josef Navrátil – gardener, Lubomír Adamec – Department of Experimental and Functional Morphology

Scientific names follow:

Danihelka J., Chrtek J. Jr., Kaplan Z. (2012). Checklist of vascular plants of the Czech Republic. Preslia, 84(3): 647-811. <http://www.preslia.cz/P123Danihelka.pdf>

The Plant List. <http://www.theplantlist.org> (for plants not listed in Danihelka et al. (2012))

Notes:

§1 – protected species as critically endangered according to Government Decree 175/2006

§2 – protected species as endangered according to Government Decree 175/2006

§3 – protected species as vulnerable according to Government Decree 175/2006

t – turions

+t – turions and seeds

+g – gemmae and seeds

w – spores in water

Seeds of species with minimum set of data and IPEN number in alphabetical order:

Nr.	§	Note	Species	IPEN	Locality
39			<i>Agrostis canina</i> L.	CZ 0 HBT 2017.03770	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond
40			<i>Agrostis capillaris</i> L.	CZ 0 HBT 2017.03771	Czech Republic, Třeboň region, Třeboň: fishpond Svět
41			<i>Agrostis scabra</i> Willd.	CZ 0 HBT 2017.03773	Czech Republic, Třeboň region, Suchdol nad Lužnicí: sandpit Cep II
42			<i>Agrostis stolonifera</i> L.	CZ 0 HBT 2017.03774	Czech Republic, Třeboň region, Františkov: sandpit Františkov
43			<i>Achillea ptarmica</i> L.	CZ 0 HBT 2017.03775	Czech Republic, Třeboň region, Branná near Třeboň: sandpit
44			<i>Alisma lanceolatum</i> With.	CZ 0 HBT 2018.02053	Czech Republic, Mikulov region, Valtice: wetland near Valtický potok brook, NW from Valtice
45			<i>Alisma plantago-aquatica</i> L.	CZ 0 HBT 2017.03777	Czech Republic, Třeboň region, Třeboň: fishpond Svět
46			<i>Alisma subcordatum</i> Raf.	XX 0 HBT 2017.03387	
47			<i>Allium carinatum</i> L.	CZ 0 HBT 2017.03439	Czech Republic, Nymburk region, Rožďalovice
48			<i>Alnus alnobetula</i> (ehrh.) K. Koch	CZ 0 HBT 2017.03778	Czech Republic, Třeboň region
49			<i>Alopecurus aequalis</i> Sobol.	CZ 0 HBT 2017.03779	Czech Republic, Třeboň region, Pístina: Záhlinský fishpond
50			<i>Alopecurus geniculatus</i> L.	CZ 0 HBT 2017.03780	Czech Republic, Třeboň region, Pístina: Záhlinský fishpond
51			<i>Althaea officinalis</i> L.	CZ 0 HBT 2017.03675	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
52			<i>Anemone hupehensis</i> 'Splendens'	XX 0 HBT 2019.04313	
53			<i>Anthoxanthum odoratum</i> L.	CZ 0 HBT 2017.03784	Czech Republic, Třeboň region, Stará Hlína: fishpond Starý Vdovec
54	§3		<i>Arnica montana</i> subsp. <i>montana</i> L.	XX 0 HBT 2017.03433	
55			<i>Astrantia major</i> L.	CZ 0 HBT 2017.03440	Czech Republic, Nymburk region, Kopidlno
56			<i>Baldellia ranunculoides</i> (L.) Parl.	XX 0 HBT 2017.03418	
57			<i>Batrachium trichophyllum</i> (Chaix) F. W. Schultz	CZ 0 HBT 2017.03791	Czech Republic, Třeboň region, Branná near Třeboň: fishpond Cizinecký
58			<i>Begonia</i> sp. (malá)	XX 0 HBT 2021.00014	

59		<i>Betonica officinalis</i> L.	CZ 0 HBT 2017.03792	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: meadow 1 km SE from the village (Na Cihelně)
60		<i>Bidens radiatus</i> Thuill.	CZ 0 HBT 2017.03795	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
61		<i>Bistorta officinalis</i> Delarbre	XX 0 HBT 2017.03441	
62		<i>Bolboschoenus laticarpus</i> Marhold et al.	XX 0 HBT 2017.03314	
63		<i>Bolboschoenus maritimus</i> (L.) Palla	CZ 0 HBT 2017.03677	Czech Republic, Mikulov region, Sedlec: salt march near fishpond Nesyt
64		<i>Bolboschoenus planiculmis</i> (F. Schmidt) T. V. Egorova	XX 0 HBT 2017.03315	
65		<i>Bolboschoenus yagara</i> (Ohwi) Y. C. Yang et M. Zhan	CZ 0 HBT 2017.03797	Czech Republic, Třeboň region, Roseč: fishpond Holná
66		<i>Butomus umbellatus</i> L.	CZ 0 HBT 2017.03798	Czech Republic, Třeboň region, Lomnice nad Lužnicí: fishpond Malý Panenský
67		<i>Calamagrostis epigejos</i> (L.) Roth	CZ 0 HBT 2017.03800	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: wetland 1 km SE from the village
68	t	<i>Caldesia parnassifolia</i> (L.) Parl.	DE 0 HBT 2017.03592	Germany, Bavaria, Schwandorf: Charlottenhofer Weihergebiet
69	§2	<i>Callitriche hermaphroditica</i> L.	CZ 0 HBT 2017.03722	Czech Republic, Pardubice region, Vysoké Mýto: fishpond Chobot
70		<i>Caltha palustris</i> L.	CZ 0 HBT 2017.03807	Czech Republic, Třeboň region, Třeboň: fishpond Hrádeček
71		<i>Calystegia sepium</i> (L.) R. Br.	CZ 0 HBT 2017.03808	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: bank of the river Nežárka
72		<i>Carex acuta</i> L.	CZ 0 HBT 2017.03812	Czech Republic, Třeboň region, Třeboň: fishpond Svět
73		<i>Carex acutiformis</i> Ehrh.	CZ 0 HBT 2017.03679	Czech Republic, Mikulov region, Hlohovec: near to fishpond Hlohovecký
74		<i>Carex bohemica</i> Schreb.	CZ 0 HBT 2017.03813	Czech Republic, Třeboň region, Pístina: fishpond Záhlinský
75		<i>Carex bohemica</i> Schreb.	CZ 0 HBT 2021.00015	Czech Republic, Třeboň region, Příbraz: fishpond Příbrazský
76		<i>Carex buekii</i> Wimm.	CZ 0 HBT 2017.03626	Czech Republic, České Budějovice region, Březí: right bank of the river Vltava

77		<i>Carex canescens L.</i>	CZ 0 HBT 2017.03815	Czech Republic, Třeboň region, Třeboň: the Barbora forest
78	§3	<i>Carex davalliana Sm.</i>	CZ 0 HBT 2017.03630	Czech Republic, Český Krumlov region, Horní Planá: fishpond Olšina
79		<i>Carex demissa Hornem.</i>	CZ 0 HBT 2017.03816	Czech Republic, Třeboň region, Branná near Třeboň: peat mining area
80		<i>Carex distans L.</i>	CZ 0 HBT 2017.03680	Czech Republic, Mikulov region, Sedlec: salt marshes near fishpond Nesyt
81		<i>Carex disticha Huds.</i>	CZ 0 HBT 2017.03599	Czech Republic, Břeclav region, Lanžhot: ditch by railway
82		<i>Carex divisa Huds.</i>	HR 0 HBT 2017.03648	Croatia, Dalmatia region, Zadar: coast
83		<i>Carex echinata Murray</i>	CZ 0 HBT 2017.03819	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
84		<i>Carex elata All.</i>	CZ 0 HBT 2017.03820	Czech Republic, Třeboň region, Třeboň: fishpond Rožmberk
85		<i>Carex flacca Schreber</i>	CZ 0 HBT 2017.03681	Czech Republic, Mikulov region, Hlohovec: Stará hora near fishpond Nesyt
86		<i>Carex flava L.</i>	CZ 0 HBT 2017.03822	Czech Republic, Třeboň region, Branná near Třeboň: sandpit
87		<i>Carex grayi J. Carey</i>	XX 0 HBT 2017.03391	
88		<i>Carex hartmanii Cajander</i>	CZ 0 HBT 2017.03635	Czech Republic, Česká Lípa region, Zahrádky: fishpond Novozámecký
89		<i>Carex hirta L.</i>	CZ 0 HBT 2017.03824	Czech Republic, Třeboň region, Třeboň: fishpond Svět
90	§1	<i>Carex hordeistichos Vill.</i>	SK 0 HBT 2017.03374	Slovakia, Povážská Bystrica region, Zliechov
91	§2	<i>Carex lepidocarpa Tausch</i>	CZ 0 HBT 2017.03753	Czech Republic, Prachatice region, Volary: Mrtvý luh
92		<i>Carex leporina L.</i>	CZ 0 HBT 2017.03827	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
93	§2	<i>Carex limosa L.</i>	CZ 0 HBT 2017.03754	Czech Republic, Prachatice region, Šumava Mts.: wetlands
94	§2	<i>Carex melanostachya M. Bieb. ex Willd.</i>	CZ 0 HBT 2017.03600	Czech Republic, Břeclav region, Lanžhot: meadows at the confluence of the rivers Dyje and Morava
95		<i>Carex nigra (L.) Reichard</i>	CZ 0 HBT 2017.03828	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň

96		<i>Carex otrubae</i> Podp.	CZ 0 HBT 2017.03601	Czech Republic, Břeclav region, Hlohovec: fishponds of Lednice area
97		<i>Carex pallescens</i> L.	CZ 0 HBT 2017.03829	Czech Republic, Třeboň region, Třeboň: the Barbora forest
98		<i>Carex panicea</i> L.	CZ 0 HBT 2017.03830	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
99		<i>Carex paniculata</i> L.	CZ 0 HBT 2017.03749	Czech Republic, Svitavy region, Opatovec: fishpond Vidlák
100		<i>Carex pendula</i> Huds.	XX 0 HBT 2017.03428	
101		<i>Carex pseudocyperus</i> L.	CZ 0 HBT 2017.03832	Czech Republic, Třeboň region, Třeboň: fishpond Svět
102		<i>Carex remota</i> L.	CZ 0 HBT 2017.03833	Czech Republic, Třeboň region, Třeboň: fishpond Svět (Vimperky)
103		<i>Carex rostrata</i> Stokes	CZ 0 HBT 2017.03834	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
104	§2	<i>Carex secalina</i> Willd. ex Wahlenb.	CZ 0 HBT 2017.03682	Czech Republic, Mikulov region, Sedlec: fishpond Nesyt
105		<i>Carex strigosa</i> Huds.	CZ 0 HBT 2018.02567	Czech Republic, Břeclav region, Lanžhot: meadows at the confluence of the rivers Dyje and Morava
106		<i>Carex sylvatica</i> Huds.	CZ 0 HBT 2021.00009	Czech Republic, Třeboň region, Staňkov: forest on west bank of the fishpond Staňkovský
107		<i>Carex vesicaria</i> L.	CZ 0 HBT 2017.03835	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
108		<i>Carex vulpina</i> L.	CZ 0 HBT 2017.03603	Czech Republic, Břeclav region, Lanžhot: wet meadows
109		<i>Carex x elytroides</i> Fr.	CZ 0 HBT 2017.03750	Czech Republic, Prachatice region, Volary: Mrtvý luh near Pěkná
110	§1	<i>Clematis integrifolia</i> L.	SK 0 HBT 2017.03443	Slovakia, Komárno region, Chotín
111		<i>Comarum palustre</i> L.	CZ 0 HBT 2017.03989	Czech Republic, Třeboň region, Chlum u Třeboně: bank of the fishpond Výtopa
112		<i>Cyperus eragrostis</i> Lam.	XX 0 HBT 2017.03711	
113		<i>Cyperus fuscus</i> L.	CZ 0 HBT 2017.03684	Czech Republic, Mikulov region, Sedlec: fishpond Nesyt
114		<i>Cyperus haspan</i> L.	XX 0 HBT 2017.03580	

115		<i>Deschampsia cespitosa</i> (L.) P. Beauv.	CZ 0 HBT 2017.03848	Czech Republic, Třeboň region, Třeboň: meadows Mokré louky near Třeboň
116	§2	<i>Dianthus superbus</i> L.	CZ 0 HBT 2017.03849	Czech Republic, Třeboň region, Lužnice: National natural reservation Velký and Malý Tisý
117		<i>Drosera aliciae</i> Raym.-Hamet	ZA 0 HBT 2017.03485	Republic of South Africa
118		<i>Drosera capensis</i> L.	ZA 0 HBT 2017.03487	South Africa
119		<i>Drosera capensis</i> f. <i>White Flower</i>	ZA 0 HBT 2017.03478	South Africa
120		<i>Drosera capillaris</i> Poir.	US 0 HBT 2017.03488	United States, SE USA
121	+g	<i>Drosera pygmaea</i> DC.	AU 0 HBT 2017.03499	Australia
122	§2	<i>Drosera rotundifolia</i> L.	CZ 0 HBT 2017.03854	Czech Republic, Třeboň region, Stará Hlína: mire on bank of Nový Vdovec fishpond
123		<i>Echinochloa crus-galli</i> (L.) P. Beauv.	CZ 0 HBT 2017.03856	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: near cowshed
124		<i>Eleocharis ovata</i> (Roth) Roem. et Schult.	CZ 0 HBT 2021.00016	Czech Republic, Třeboň region, Příbraz: fishpond Příbrazský
125		<i>Eleocharis palustris</i> (L.) Roem. et Schult.	CZ 0 HBT 2017.03862	Czech Republic, Třeboň region, Vydří: fishpond Františův
126		<i>Epilobium adenocaulon</i> Hausskn.	CZ 0 HBT 2017.03864	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: near cowshed
127		<i>Epilobium hirsutum</i> L.	CZ 0 HBT 2017.03865	Czech Republic, Třeboň region, Stará Hlína: dam of the fishpond Starý Vdovec
128	§2	<i>Epipactis palustris</i> (L.) Crantz	CZ 0 HBT 2017.03595	Czech Republic, Mělnicko, Mělnická Vrutice
129		<i>Eriophorum angustifolium</i> Honck.	CZ 0 HBT 2017.03870	Czech Republic, Třeboň region, Petříkov: the river Stropnice
130		<i>Eriophorum latifolium</i> Hoppe	CZ 0 HBT 2017.03637	Czech Republic, Doksy region, Provodín
131		<i>Eriophorum vaginatum</i> L.	CZ 0 HBT 2017.03871	Czech Republic, Třeboň region, Jiříkovo Údolí-Šalmanovice: ditch near Červené blato mire
132		<i>Festuca gigantea</i> (L.) Vill.	CZ 0 HBT 2019.04261	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: bridge over the river Nežárka
133		<i>Filipendula ulmaria</i> (L.) Maxim.	CZ 0 HBT 2017.03874	Czech Republic, Třeboň region, Třeboň: meadows Mokré louky near Třeboň

134		<i>Galium palustre</i> L.	CZ 0 HBT 2018.02076	Czech Republic, Třeboň region, Spolí near Třeboň: sandpit 700 m to the E from the village
135		<i>Geranium pratense</i> L.	CZ 0 HBT 2021.00007	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: near the fishpond Velká Lásenice
136		<i>Glyceria fluitans</i> (L.) R. Br.	CZ 0 HBT 2017.03880	Czech Republic, Třeboň region, Majdalena: oxbow lake near the river Lužnice
137	§2	<i>Gratiola officinalis</i> L.	CZ 0 HBT 2017.03606	Czech Republic, Břeclav region, Lanžhot: wet meadow
138		<i>Holcus lanatus</i> L.	CZ 0 HBT 2017.03884	Czech Republic, Třeboň region, Lužnice: wet meadow near the river Lužnice
139		<i>Impatiens glandulifera</i> Royle	CZ 0 HBT 2017.03899	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: bank of the river Nežárka
140		<i>Inula britannica</i> L.	CZ 0 HBT 2017.03691	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
141		<i>Iris ensata</i> Thunb.	XX 0 HBT 2017.03398	
142		<i>Iris pseudacorus</i> L.	CZ 0 HBT 2017.03901	Czech Republic, Třeboň region, Lužnice: fishpond Černičný
143	§2	<i>Iris sibirica</i> L.	CZ 0 HBT 2017.03902	Czech Republic, Třeboň region, Jílovce: wet meadow near the river Stropnice
144		<i>Juncus articulatus</i> L.	CZ 0 HBT 2017.03906	Czech Republic, Třeboň region, Cep: sandpit near Cep
145		<i>Juncus bufonius</i> L.	CZ 0 HBT 2017.03907	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
146		<i>Juncus bulbosus</i> L.	CZ 0 HBT 2017.03908	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: wet field near the village
147		<i>Juncus compressus</i> Jacq.	CZ 0 HBT 2017.03608	Czech Republic, Břeclav region, Lanžhot: wet meadow
148		<i>Juncus conglomeratus</i> L.	CZ 0 HBT 2017.03910	Czech Republic, Třeboň region, Ponědrážka: wet meadow S from Ruda mire
149		<i>Juncus effusus</i> L.	CZ 0 HBT 2018.02085	Czech Republic, Třeboň region, Spolí near Třeboň: sandpit 700 m to the E from the village
150		<i>Juncus effusus</i> 'Spiralis'	XX 0 HBT 2017.03380	
151		<i>Juncus ensifolius</i> Wikstr.	XX 0 HBT 2017.03347	
152		<i>Juncus inflexus</i> L.	CZ 0 HBT 2017.03609	Czech Republic, Břeclav region, Lanžhot: wet meadow

153		<i>Juncus tenuis</i> Willd.	CZ 0 HBT 2017.03915	Czech Republic, Třeboň region, Třeboň: forests S to Třeboň (Barbora)
154		<i>Leucanthemella serotina</i> (L.) Tzvelev	SK 0 HBT 2017.03741	Slovakia, Michalovce region, Veľké Kapušany
155		<i>Leymus arenarius</i> (L.) Hochst.	RO 0 HBT 2017.03732	Romania, Black Sea, seashore
156		<i>Libanotis pyrenaica</i> (L.) Bourg.	XX 0 HBT 2017.03451	
157	§1	<i>Ligularia sibirica</i> (L.) Cass.	XX 0 HBT 2017.03375	
158		<i>Lotus maritimus</i> L.	CZ 0 HBT 2017.03458	Czech Republic, Jičín region, Dětenice
159		<i>Lotus tenuis</i> Willd.	CZ 0 HBT 2017.03693	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
160		<i>Lycopus europaeus</i> L.	CZ 0 HBT 2017.03931	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
161		<i>Lycopus exaltatus</i> L. f.	CZ 0 HBT 2017.03694	Czech Republic, Mikulov region, Podivín: wetlands near the river Dyje
162	§2	<i>Lysimachia thyrsoflora</i> L.	CZ 0 HBT 2017.03934	Czech Republic, Třeboň region, Třeboň: tributary to the fishpond Opatovický
163		<i>Lysimachia vulgaris</i> L.	CZ 0 HBT 2017.03935	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
164		<i>Lythrum hyssopifolia</i> L.	CZ 0 HBT 2018.02089	Czech Republic, Znojmo region, Hevlín: field wetland opposite to brickyard
165		<i>Lythrum salicaria</i> L.	CZ 0 HBT 2017.03936	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
166		<i>Lythrum virgatum</i> L.	CZ 0 HBT 2017.03611	Czech Republic, Břeclav region, Lanžhot: wet meadow near Kyjovka river
167		<i>Mentha aquatica</i> L.	CZ 0 HBT 2017.03597	Czech Republic, Brno region, Brno, Soběšice: fishpond Soběšický
168		<i>Mentha cervina</i> L.	XX 0 HBT 2017.03402	
169		<i>Mentha longifolia</i> (L.) L.	CZ 0 HBT 2021.00011	Czech Republic, Třeboň region, Jiříkovo Údolí: near road 154 ca 750 m south from the village
170	§1	<i>Mentha pulegium</i> L.	CZ 0 HBT 2017.03614	Czech Republic, Břeclav region, Lanžhot: meadows at the confluence of the rivers Dyje and Morava
171		<i>Mimulus guttatus</i> DC.	CZ 0 HBT 2017.03735	Czech Republic, Jeseník region, Javorník: brook Červenka

172		<i>Molinia arundinacea</i> Schrank	CZ 0 HBT 2018.02090	Czech Republic, Třeboň region, Spolí near Třeboň: sandpit 700 m to the E from the village
173		<i>Molinia caerulea</i> (L.) Moench	CZ 0 HBT 2017.03612	Czech Republic, Břeclav region, Břeclav: meadows between Břeclav and Lanžhot
174		<i>Molinia caerulea</i> (L.) Moench	CZ 0 HBT 2021.00008	Czech Republic, Třeboň region, Příbraz: mire by the fishpond Příbrazský
175		<i>Myosotis caespitosa</i> Schultz	CZ 0 HBT 2017.03942	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
176		<i>Myosurus minimus</i> L.	CZ 0 HBT 2017.03945	Czech Republic, Třeboň region, Spolí near Třeboň: fishpond Spolský
177	t	<i>Myriophyllum verticillatum</i> L.	CZ 0 HBT 2017.03638	Czech Republic, Doksy region, Mimoň: fishpond Hradčanský
178		<i>Nicandra physalodes</i> (L.) GAERTN.	XX 0 HBT 2021.00010	
179	§1	<i>Nymphoides peltata</i> (S. G. Gmel.) Kuntze	CZ 0 HBT 2017.03643	Czech Republic, Hodonín region, Milotice: fishpond Písečný (Milotický)
180		<i>Oryza sativa</i> L.	XX 0 HBT 2017.03368	
181		<i>Peplis portula</i> L.	CZ 0 HBT 2017.03960	Czech Republic, Třeboň region, Branná near Třeboň: sandpit
182		<i>Persicaria hydropiper</i> (L.) Delarbre	CZ 0 HBT 2017.03962	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
183		<i>Phragmites australis</i> (Cav.) Steud.	CZ 0 HBT 2017.03969	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
184	§1	<i>Plantago maritima</i> L.	CZ 0 HBT 2017.03697	Czech Republic, Mikulov region, Sedlec: salt marches near the fishpond Nesyt
185		<i>Poa pratensis</i> L.	CZ 0 HBT 2017.04077	Czech Republic, Třeboň region, Stará Hlína
186		<i>Potamogeton gramineus</i> L.	CZ 0 HBT 2017.03723	Czech Republic, Pardubice region, Bohdaneč: fishpond Matka
187		<i>Potamogeton nodosus</i> Poir.	CZ 0 HBT 2017.03718	Czech Republic, Olomouc region, Annín: fishpond Skašovský
188	+t	<i>Potamogeton pusillus</i> L.	CZ 0 HBT 2017.03986	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
189		<i>Potamogeton x angustifolius</i> J. Presl	CZ 0 HBT 2017.03668	Czech Republic, Hradec Králové region, Lázně Bohdaneč: fishpond Matka

190			<i>Potentilla erecta (L.) Raeusch.</i>	CZ 0 HBT 2017.03988	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: meadow near the dam of the fishpond Blatský
191			<i>Pulicaria dysenterica (L.) Bernh.</i>	CZ 0 HBT 2017.03699	Czech Republic, Mikulov region, Sedlec: ditch near the village
192	§2		<i>Ranunculus lingua L.</i>	CZ 0 HBT 2017.03724	Czech Republic, Pardubice region, Pardubice: fishpond Pohránovský
193			<i>Ranunculus sceleratus L.</i>	CZ 0 HBT 2017.03997	Czech Republic, Třeboň region, Pístina: fishpond Záhlinský
194	§1		<i>Rhynchospora alba (L.) Vahl</i>	CZ 0 HBT 2017.03640	Czech Republic, Doksy region, Doksy: bog near the pond Máchovo jezero
195			<i>Rorippa palustris (L.) Besser</i>	CZ 0 HBT 2017.04002	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: bank of the river Nežárka
196			<i>Rumex aquaticus L.</i>	CZ 0 HBT 2017.04004	Czech Republic, Třeboň region, Lutová: fishpond Podsedek
197			<i>Rumex hydrolapathum Huds.</i>	CZ 0 HBT 2017.03615	Czech Republic, Břeclav region, Kostice: oxbow lakes between Kostice and Lanžhot
198			<i>Rumex maritimus L.</i>	CZ 0 HBT 2017.04006	Czech Republic, Třeboň region, Pístina: fishpond Záhlinský
199			<i>Sagina procumbens L.</i>	CZ 0 HBT 2017.04007	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
200	§1	w	<i>Salvinia natans (L.) All.</i>	CZ 0 HBT 2017.03721	Czech Republic, Ostrava region, Děhylov: fishpond Štěpán
201			<i>Sanguisorba officinalis L.</i>	CZ 0 HBT 2017.04012	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: meadow 1 km SE from the village (Na Cihelně)
202			<i>Sarracenia purpurea subsp. Purpurea L.</i>	US 0 HBT 2017.03470	United States, S USA
203			<i>Scirpoides holoschoenus (L.) Soják</i>	CZ 0 HBT 2017.03616	Czech Republic, Břeclav region, Valtice: forest edge
204			<i>Scirpus radicans Schkuhr</i>	CZ 0 HBT 2017.04013	Czech Republic, Třeboň region, Vlkov: edges of sandpits
205			<i>Scirpus sylvaticus L.</i>	CZ 0 HBT 2017.04014	Czech Republic, Třeboň region, Třeboň: Hrádeček area, in ditches
206			<i>Selinum carvifolia (L.) L.</i>	CZ 0 HBT 2018.02103	Czech Republic, Třeboň region, Spolín near Třeboň: sandpit 700 m E of the village

207		<i>Senecio erraticus Bertol.</i>	CZ 0 HBT 2017.03702	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
208		<i>Serratula tinctoria L.</i>	CZ 0 HBT 2017.03455	Czech Republic, Jičín region, Libáň near Kopidlno
209		<i>Schoenoplectus lacustris (L.) Palla</i>	CZ 0 HBT 2017.04019	Czech Republic, Třeboň region, Branná near Třeboň: fishpond Ruda
210		<i>Schoenoplectus tabernaemontani (C. C. Gmel.) Palla</i>	CZ 0 HBT 2017.03703	Czech Republic, Mikulov region, Sedlec: fishpond Nesyt
211		<i>Schoenoplectus triqueter (L.) Palla</i>	SK 0 HBT 2017.03745	Slovakia, Dunajská Streda region, Klúčovec: oxbow lakes near the river Danube
212	§1	<i>Schoenus ferrugineus L.</i>	XX 0 HBT 2017.03457	
213		<i>Sonchus palustris L.</i>	CZ 0 HBT 2017.03704	Czech Republic, Mikulov region, Sedlec: fishpond Nesyt
214		<i>Spiraea salicifolia L.</i>	CZ 0 HBT 2017.04042	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: exclavated Příbrazské rašeliniště bog
215		<i>Styidium debile F.Muell.</i>	AU 0 HBT 2017.03521	Australia
216		<i>Succisa pratensis Moench</i>	CZ 0 HBT 2017.04049	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: meadow 1 km SE from the village (Na Cihelně)
217		<i>Symphyotrichum lanceolatum (Willd.) G. L. Nesom</i>	CZ 0 HBT 2017.03598	Czech Republic, Břeclav region
218		<i>Symphyotrichum lanceolatum (Willd.) G. L. Nesom</i>	CZ 0 HBT 2021.00012	Czech Republic, Břeclav region, Lednice: wet meadow near Janohrad
219		<i>Syngonanthus chrysanthus 'Mikado' (Bong.) Ruhland</i>	CZ 0 HBT 2021.00013	
220		<i>Thalictrum aquilegifolium L.</i>	CZ 0 HBT 2018.01492	Czech Republic, Třeboň region, Třeboň region: Františkov, valley of the river Dračice
221		<i>Thalictrum flavum 'Graecum' L.</i>	XX 0 HBT 2019.04366	
222		<i>Thalictrum lucidum L.</i>	CZ 0 HBT 2017.03460	Czech Republic, Mladá Boleslav region, Dolní Bousov
223	§3	<i>Thelypteris palustris Schott</i>	CZ 0 HBT 2017.03736	Czech Republic, Nový Jičín region, Studénka: near the book Bílovka
224		<i>Tradescantia virginiana L.</i>	XX 0 HBT 2019.04369	
225		<i>Typha angustifolia L.</i>	CZ 0 HBT 2017.04054	Czech Republic, Třeboň region, Třeboň: fishpond Svět
226		<i>Typha latifolia L.</i>	CZ 0 HBT 2017.04055	Czech Republic, Třeboň region, Třeboň: fishpond Svět

227		<i>Typha laxmannii</i> Lepech.	CZ 0 HBT 2017.03645	Czech Republic, Hustopeče region, Šakvice: banks of the dam Dolní Mlýnská
228		<i>Typha minima</i> Hoppe	XX 0 HBT 2017.03413	
229		<i>Typha shuttleworthii</i> W. D. J. Koch et Sond.	XX 0 HBT 2017.03414	
230	t	<i>Utricularia australis</i> R. Br.	CZ 0 HBT 2017.04056	Czech Republic, Třeboň region, Suchdol nad Lužnicí: oxbow lakes near Lužnice river
231	§1	<i>Utricularia vulgaris</i> L.	CZ 0 HBT 2017.03644	Czech Republic, Hodonín region, Důbrava: pools in the floodplain of the river Morava
232	§3	<i>Vaccinium oxycoccos</i> L.	CZ 0 HBT 2017.03956	Czech Republic, Třeboň region, Stará Hlína: bog at the fishpond Nový Vdovec
233		<i>Vaccinium uliginosum</i> L.	CZ 0 HBT 2017.04066	Czech Republic, Třeboň region, Třeboň: pine bog forest
234		<i>Verbascum blattaria</i> L.	CZ 0 HBT 2018.02110	Czech Republic, Břeclav region, Lednice: wet meadow near Janohrad
235		<i>Veronica maritima</i> L.	CZ 0 HBT 2017.03613	Czech Republic, Břeclav region, Podivín: meadows
236		<i>Veronica scutellata</i> L.	CZ 0 HBT 2017.04071	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: ditches in Příbrazské rašeliniště bog

Seed Order – page 1

In accordance with the Convention on Biological Diversity (Rio de Janeiro 1992) and the Nagoya Protocol of 2014, botanical gardens follow the international rules of access to genetic resources. Therefore, the International Plant Exchange Network (IPEN) has been established, allowing easy exchange of seeds between botanic gardens while safeguarding access and benefit-sharing provisions. Only botanic gardens are allowed to participate and seeds are not to be used for commercial purposes – Botanic Gardens Conservation International provides more information here: <https://www.bgci.org/our-work/policy-and-advocacy/access-and-benefit-sharing/the-international-plant-exchange-network/> and here: <https://www.bgci.org/resources/bgci-tools-and-resources/international-plant-exchange-network-resources/>.

Below on this page of seed order form, you will find the table to enter your order and your address, which we kindly ask you to check before sending it back.

On next page of this form, you will find the English IPEN material transfer agreement. Those Botanic Gardens not yet participating in IPEN have to have **the agreement signed** by a responsible person, because otherwise we **cannot send** you seeds! IPEN members do not have to sign the agreement.

Any scientific publication resulting of the use of the material, Nos 39-267, **have to mention in the acknowledgements** the Hortus Botanicus Třeboň, Department of Experimental Garden and Collection of Aquatic and Wetland Plants, Institute of Botany of Czech Academy of Sciences as well as the IPEN numbers. To use the material, Nos 1-38, you **have to mention in the acknowledgements** the Průhonice Park, Institute of Botany of Czech Academy of Sciences, Průhonice. The recipient has to send a copy of these publications to our gardens.

Orders will be processed on a first-come first-served basis. Order forms should be sent before March 15th 2021. Each order is limited to 20 packets. Please note that we cannot provide phytosanitary certificates. Only one order-number per box, please! You can order the seed by e-mail lenka.moravcova@ibot.cas.cz.

Please check your address:

**Agreement on the supply of living plant material¹
for non-commercial purposes
leaving the International Plant Exchange Network (IPEN version 2b)**

Against the background of the provisions and decisions of the Convention on Biological Diversity of 1992 (CBD) and in particular those on access to genetic resources and benefit sharing, the garden is dedicated to promoting the conservation, sustainable use, and research of biological diversity. The garden therefore expects its partners in acquiring, maintaining, and transferring plant material to always act in accordance with the CBD and the Convention on the International Trade in Endangered Species (CITES).

The responsibility for legal handling of the plant material passes on to the recipient upon receipt of the material. The requested plant material will be supplied to the recipient only on the following conditions:

1. Based on this agreement, the plant material is supplied only for non-commercial use such as scientific study and educational purposes as well as environmental protection. Should the recipient at a later date intend a commercial use or a transfer for commercial use, the country of origin's prior informed consent (PIC) must be obtained in writing before the material is used or transferred. The recipient is responsible for ensuring an equitable sharing of benefits.
2. On receiving the plant material, the recipient endeavours to document the received plant material, its origin (country of origin, first receiving garden, „donor“ of the plant material, year of collection) as well as the acquisition and transfer conditions in a comprehensible manner.
3. In the event that scientific publications are produced based on the supplied plant material, the recipient is obliged to indicate the origin of the material (the supplying garden and if known the country of origin) and to send these publications to the garden and to the country of origin without request.
4. On request, the garden will forward relevant information on the transfer of the plant material to the body charged with implementing the CBD².
5. The recipient may transfer the received plant material to third parties only under these terms and conditions and must document the transfer in a suitable manner. (e.g. by using the documentation form, such as provided in Annex 1.4³)

I accept the above conditions.

Date, Signature

Recipient's name and address, stamp

¹According to the CBD "genetic resources" means genetic material of actual or potential value. This definition covers both living and not living material. The Code of Conduct and the IPEN covers only the exchange of living plant material (living plants or parts of plants, diaspores) thus falling in the definition of genetic resources.

²ideally, the national focal point in the garden's home country.

³The material always needs to be accompanied by its IPEN-number, consisting of the identification code of the first IPEN member garden that received the material from outside the network, together with the garden's accession-number for that plant material. Additionally the country of origin and the terms and conditions under which the material was acquired from the country of origin and other stake-holders must accompany the material. When leaving the IPEN-network, also the name and address of the first IPEN-garden must be included. This documentation stays attached to the material wherever it goes.