



INSTITUTE  
OF BOTANY CAS

*Index Seminarum*

*57/2021*

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

**CZ-252 43 Průhonice**





# INSTITUTE OF BOTANY CAS

## INDEX SEMINUM 2021



### **Hortus Botanicus Třeboň**

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### **Index Seminum - 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, Vlasta Titlová – gardener, Bohuslava Zahradníková – 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

v – propagule in water

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

<b>Nr.</b>	<b>§</b>	<b>Note</b>	<b>Species</b>	<b>IPEN</b>	<b>Locality</b>
1	§3		<i>Aconitum plicatum</i> Köhler ex Rchb.	CZ 0 HBT 2017.03437	Czech Republic, Semily region, Harrachov
2			<i>Agrostis canina</i> L.	CZ 0 HBT 2017.03770	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond
3			<i>Agrostis capillaris</i> L.	CZ 0 HBT 2017.03771	Czech Republic, Třeboň region, Třeboň: fishpond Svět
4			<i>Agrostis gigantea</i> Roth	CZ 0 HBT 2017.03772	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: břeh fishpond Velká Lasenice
5			<i>Agrostis stolonifera</i> L.	CZ 0 HBT 2017.03774	Czech Republic, Třeboň region, Františkov: sandpit Františkov
6			<i>Achillea ptarmica</i> L.	CZ 0 HBT 2017.03775	Czech Republic, Třeboň region, Branná near Třeboň: sandpit
7			<i>Alisma gramineum</i> Lej.	CZ 0 HBT 2017.03776	Czech Republic, Třeboň region, Mníšek: fishpond near Mníšek
8			<i>Alisma lanceolatum</i> With.	CZ 0 HBT 2018.02053	Czech Republic, Mikulov region, Valtice: wetland near brook Valtický potok, NW from Valtice
9			<i>Alisma plantago-aquatica</i> L.	CZ 0 HBT 2017.03777	Czech Republic, Třeboň region, Třeboň: fishpond Svět
10			<i>Alisma subcordatum</i> Raf.	XX 0 HBT 2017.03387	XX
11			<i>Alopecurus aequalis</i> Sobol.	CZ 0 HBT 2017.03779	Czech Republic, Třeboň region, Pístina: Záhlinský fishpond
12			<i>Alopecurus geniculatus</i> L.	CZ 0 HBT 2017.03780	Czech Republic, Třeboň region, Pístina: Záhlinský fishpond
13			<i>Alopecurus pratensis</i> L.	CZ 0 HBT 2017.03781	Czech Republic, Třeboň region, Stará Hlína: fishpond Starý Vdovec
14			<i>Alternanthera reineckii</i> 'Rosaefolia'	XX 0 HBT 2017.03273	XX
15			<i>Althaea officinalis</i> L.	CZ 0 HBT 2017.03675	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
16			<i>Anemone hupehensis</i> 'Splendens'	XX 0 HBT 2019.04313	XX
17			<i>Anthoxanthum odoratum</i> L.	CZ 0 HBT 2017.03784	Czech Republic, Třeboň region, Stará Hlína: fishpond Starý Vdovec

18	§3	<i>Arnica montana subsp. montana L.</i>	XX 0 HBT 2017.03433	XX
19		<i>Astrantia major L.</i>	CZ 0 HBT 2017.03440	Czech Republic, Nymburk region, Kopidlno
20		<i>Berula erecta (Huds.) Coville</i>	CZ 0 HBT 2017.03594	Czech Republic, Brno region, Brno-Soběšice: Soběšický fishpond
21		<i>Betonica officinalis L.</i>	CZ 0 HBT 2017.03792	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: meadow 1 km SE from the village (Na Cihelně)
22		<i>Bidens frondosus L.</i>	CZ 0 HBT 2017.03794	Czech Republic, Třeboň region: Františův fishpond
23		<i>Bidens radiatus Thuill.</i>	CZ 0 HBT 2021.03073	Czech Republic, Třeboň region, Roseč: SE edge of Holná fishpond
24		<i>Bistorta officinalis Delarbre</i>	XX 0 HBT 2017.03441	XX
25		<i>Bolboschoenus grandispicus (Steud.) Lewej. &amp; Lobin</i>	SN 0 HBT 2019.04320	Senegal, Rufisque: abandoned ricefield at the edge of swamp
26		<i>Bolboschoenus laticarpus Marhold et al.</i>	XX 0 HBT 2017.03314	XX
27		<i>Bolboschoenus maritimus (L.) Palla</i>	CZ 0 HBT 2017.03677	Czech Republic, Mikulov region, Sedlec: salt march near fishpond Nesyt
28		<i>Bolboschoenus maritimus (L.) Palla</i>	FR 0 HBT 2019.04321	France, Camarque
29		<i>Bolboschoenus planiculmis (F. Schmidt) T. V. Egorova</i>	XX 0 HBT 2017.03315	XX
30		<i>Bolboschoenus schmidtii (Raymond) Holub</i>	IR 0 HBT 2019.04322	Iran, Semnan, Biarjomand: Touran area Protected, Kuh-e Majerad, Kalat-Asbe
31		<i>Bolboschoenus yagara (Ohwi) Y. C. Yang et M. Zhan</i>	CZ 0 HBT 2017.03797	Czech Republic, Třeboň region, Roseč: fishpond Holná
32		<i>Bolboschoenus maritimus subsp. affinis (Roth) T. Koyama</i>	IR 0 HBT 2019.04323	Azerbaijan, E Azerbaijan, Tabriz: Bandor-e Sharafkhaneh
33		<i>Butomus umbellatus L.</i>	CZ 0 HBT 2017.03798	Czech Republic, Třeboň region, Lomnice nad Lužnicí: fishpond Malý Panenský
34		<i>Calamagrostis epigejos (L.) Roth</i>	CZ 0 HBT 2017.03800	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: wetland 1 km SE from the village
35		<i>Caldesia parnassifolia (L.) Parl.</i>	DE 0 HBT 2017.03592	Germany, Bavaria, Schwandorf: Charlottenhofer Weihergebiet

36	§3	<i>Calla palustris</i> L.	CZ 0 HBT 2017.03801	Czech Republic, Třeboň region, Třeboň: odvodňovací strouhy u Hradečku
37		<i>Campanula patula</i> L.	CZ 0 HBT 2021.03074	XX
38		<i>Canna indica</i> L.	XX 0 HBT 2017.03582	XX
39		<i>Carex acuta</i> L.	CZ 0 HBT 2017.03812	Czech Republic, Třeboň region, Třeboň: fishpond Svět
40		<i>Carex acutiformis</i> Ehrh.	CZ 0 HBT 2017.03679	Czech Republic, Mikulov region, Hlohovec: near to fishpond Hlohovecký
41		<i>Carex appropinquata</i> Schumach.	CZ 0 HBT 2017.03625	Czech Republic, České Budějovice region, Hradce near České Budějovice: S from the village
42		<i>Carex bohémica</i> Schreb.	CZ 0 HBT 2017.03813	Czech Republic, Třeboň region, Pístina: fishpond Záhlnský
43		<i>Carex buekii</i> Wimm.	CZ 0 HBT 2017.03626	Czech Republic, České Budějovice region, Březi: righ bank of the river Vltava
44		<i>Carex buekii</i> Wimm.	CZ 0 HBT 2019.04326	Czech Republic, Třeboň region, Suchdol nad Lužnicí: river Lužnice
45	§1	<i>Carex buxbaumii</i> Wahlenb.	CZ 0 HBT 2017.03748	Czech Republic, Svitavy region, Opatovec: the fishpond Vidlák
46		<i>Carex canescens</i> L.	CZ 0 HBT 2017.03815	Czech Republic, Třeboň region, Třeboň: the Barbora forest
47		<i>Carex canescens</i> L.	CZ 0 HBT 2018.02062	Czech Republic, Třeboň region, Spolí near Třeboň: sandpit 700 m to the E from the village
48		<i>Carex diandra</i> Schrank	CZ 0 HBT 2017.03817	Czech Republic, Třeboň region, Třeboň: the fishpond Svět (V Odměnách)
49		<i>Carex disticha</i> Huds.	CZ 0 HBT 2017.03599	Czech Republic, Břeclav region, Lanžhot: ditch by railway
50		<i>Carex divisa</i> Huds.	HR 0 HBT 2017.03648	Croatia, Dalmatia region, Zadar: coast
51		<i>Carex echinata</i> Murray	CZ 0 HBT 2017.03819	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
52		<i>Carex elata</i> All.	CZ 0 HBT 2017.03820	Czech Republic, Třeboň region, Třeboň: fishpond Rožmberk
53		<i>Carex grayi</i> J. Carey	XX 0 HBT 2017.03391	XX
54		<i>Carex hartmanii</i> Cajander	CZ 0 HBT 2017.03635	Czech Republic, Česká Lípa region, Zahrádky: fishpond Novozámecký

55		<i>Carex hirta</i> L.	CZ 0 HBT 2017.03824	Czech Republic, Třeboň region, Třeboň: fishpond Svět
56	§1	<i>Carex chordorrhiza</i> L. f.	CZ 0 HBT 2017.03825	Czech Republic, Třeboň region, Veselí nad Lužnicí: National natural reserve Ruda near Horusický fishpond
57	§2	<i>Carex lasiocarpa</i> Ehrh.	CZ 0 HBT 2017.03826	Czech Republic, Třeboň region, Suchdol nad Lužnicí: rameno river Lužnice
58		<i>Carex leporina</i> L.	CZ 0 HBT 2017.03827	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
59	§2	<i>Carex melanostachya</i> M. Bieb. ex Willd.	CZ 0 HBT 2017.03600	Czech Republic, Břeclav region, Lanžhot: meadows at the confluence of the rivers Dyje and Morava
60		<i>Carex muskingumensis</i> Schwein.	XX 0 HBT 2021.03075	XX
61		<i>Carex nigra</i> (L.) Reichard	CZ 0 HBT 2017.03828	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
62		<i>Carex otrubae</i> Podp.	CZ 0 HBT 2017.03601	Czech Republic, Břeclav region, Hlohovec: fishponds of Lednice area
63		<i>Carex panicea</i> L.	CZ 0 HBT 2017.03830	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
64		<i>Carex paniculata</i> L.	CZ 0 HBT 2017.03749	Czech Republic, Svitavy region, Opatovec: fishpond Vidlák
65		<i>Carex pendula</i> Huds.	XX 0 HBT 2017.03428	XX
66		<i>Carex pseudocyperus</i> L.	CZ 0 HBT 2017.03832	Czech Republic, Třeboň region, Třeboň: fishpond Svět
67		<i>Carex remota</i> L.	CZ 0 HBT 2017.03833	Czech Republic, Třeboň region, Třeboň: fishpond Svět (Vimperky)
68		<i>Carex rostrata</i> Stokes	CZ 0 HBT 2017.03834	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
69		<i>Carex sylvatica</i> Huds.	CZ 0 HBT 2021.00009	Czech Republic, Třeboň region, Staňkov: forest on west bank of the fishpond Staňkovský
70		<i>Carex vesicaria</i> L.	CZ 0 HBT 2017.03835	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
71		<i>Carex vulpina</i> L.	CZ 0 HBT 2021.03076	Czech Republic, Třeboň region, Stará Hlína: meadow on the N edge of fishpond Starý Vdovec



72		<i>Carex x elytroides</i> Fr.	CZ 0 HBT 2017.03750	Czech Republic, Prachatice region, Volary: Mrtvý luh near Pěkná
73	§1	<i>Catabrosa aquatica</i> (L.) P. Beauv.	CZ 0 HBT 2017.03709	Czech Republic, Česká Lípa region, Mimoň: Hradčanský potok brook
74		<i>Ceratophyllum demersum</i> L.	CZ 0 HBT 2017.03839	Czech Republic, Třeboň region, Třeboň: fishpond Svět
75		<i>Ceratopteris thalictroides</i> (L.) Brongn.	XX 0 HBT 2017.03331	XX
76	§1	<i>Clematis integrifolia</i> L.	SK 0 HBT 2017.03443	Slovakia, Komárno region, Chotín
77		<i>Coix lacryma-jobi</i> L.	XX-0-STGAL-16/1973	XX
78		<i>Comarum palustre</i> L.	CZ 0 HBT 2017.03989	Czech Republic, Třeboň region, Chlum u Třeboně: bank of the fishpond Výtopa
79		<i>Corchorus olitorius</i> L.	XX-0-BAS-96/07	XX
80		<i>Cyperus eragrostis</i> Lam.	XX 0 HBT 2017.03711	XX
81		<i>Cyperus glomeratus</i> L.	SK 0 HBT 2017.03712	Slovakia, Štúrovo: Boží kopec, left bank of the Danube river, former gravel depot, shallow pool, 112 m a. s. l.
82		<i>Cyperus haspan</i> L.	XX 0 HBT 2017.03580	XX
83		<i>Cyperus papyrus</i> L.	XX 0 HBT 2017.03394	XX
84		<i>Cyperus textilis</i> Thumb.	XX 0 HBT 2021.03077	XX
85	§2	<i>Dianthus superbus</i> L.	CZ 0 HBT 2017.03849	Czech Republic, Třeboň region, Lužnice: National natural reservation Velký and Malý Tisý
86		<i>Dioscorea esculenta</i> (Lour.) Burkill	XX-0-BGAT-0014450	XX
87		<i>Drosera capensis</i> L.	ZA 0 HBT 2017.03487	South Africa
88		<i>Drosera capensis</i> f. <i>White Flower</i> L.	ZA 0 HBT 2017.03478	South Africa
89		<i>Drosera capillaris</i> Poir.	US 0 HBT 2017.03488	United States, SE USA
90	§2	<i>Drosera rotundifolia</i> L.	CZ 0 HBT 2017.03854	Czech Republic, Třeboň region, Stará Hlína: mire on bank of Nový Vdovec fishpond
91		<i>Echinochloa crus-galli</i> (L.) P. Beauv.	CZ 0 HBT 2017.03856	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: near cowshed
92		<i>Eleocharis acicularis</i> (L.) Roem. et Schult.	CZ 0 HBT 2017.03860	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond

93	<i>Eleocharis mamillata</i> subsp. <i>austriaca</i> (Hayek) Strandh.	CZ 0 PRAZ 2015.07445	Czech Republic, Jablonec nad Nisou region, Železnobrodské podkrkonoší
94	<i>Eleocharis ovata</i> (Roth) Roem. et Schult.	CZ 0 HBT 2017.03861	Czech Republic, Třeboň region, Lomnice nad Lužnicí: the fishpond Černičný
95	<i>Eleocharis palustris</i> (L.) Roem. et Schult.	CZ 0 HBT 2017.03862	Czech Republic, Třeboň region, Vydří: fishpond Františův
96	<i>Epilobium adenocaulon</i> Hausskn.	CZ 0 HBT 2017.03864	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: near cowshed
97	<i>Eriophorum angustifolium</i> Honck.	CZ 0 HBT 2017.03870	Czech Republic, Třeboň region, Petříkov: the river Stropnice
98	<i>Eriophorum latifolium</i> Hoppe	CZ 0 HBT 2017.03637	Czech Republic, Doksy region, Provodín
99	<i>Eriophorum vaginatum</i> L.	CZ 0 HBT 2017.03871	Czech Republic, Třeboň region, Jiříkovo Údolí-Šalmanovice: ditch near Červené blato mire
100	<i>Eriophorum virginicum</i> L.	XX 0 HBT 2017.03420	Germany, Regensburg
101	<i>Euphorbia esula</i> subsp. <i>riparia</i> Waldst. et Kit.	CZ 0 HBT 2018.02075	Czech Republic, Znojmo region, Hevlín: Spálený most
102	<i>Festuca rubra</i> L.	CZ 0 HBT 2017.03872	Czech Republic, Třeboň region, Stará Hlína: fishpond Starý Vdovec
103	<i>Fritillaria meleagris</i> L.	XX 0 HBT 2017.03372	XX
104	<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
105	<i>Genlisea hispidula</i> Stapf	ZA 0 HBT 2017.03505	S Africa
106	<i>Geranium pratense</i> L.	CZ 0 HBT 2021.00007	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: near the fishpond Velká Lásenice
107	<i>Geum rivale</i> L.	CZ 0 HBT 2017.03879	Czech Republic, Třeboň region, Člunek: near Kačležský fishpond
108	<i>Glyceria fluitans</i> (L.) R. Br.	CZ 0 HBT 2017.03880	Czech Republic, Třeboň region, Majdalena: oxbow lake near the river Lužnice
109	<i>Gnaphalium uliginosum</i> L.	CZ 0 HBT 2017.03882	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond
110	§2 <i>Gratiola officinalis</i> L.	CZ 0 HBT 2017.03606	Czech Republic, Břeclav region, Lanžhot: wet meadow

111		<i>Haloragis erecta (Murray) Oken</i>	XX-0-HOH-SYS-3135	XX
112		<i>Hesperantha coccinea</i>	XX 0 HBT 2017.03559	XX
113		<i>Holcus lanatus L.</i>	CZ 0 HBT 2017.03884	Czech Republic, Třeboň region, Lužnice: wet meadow near the river Lužnice
114	v	<i>Hydrocharis morsus-ranae L.</i>	CZ 0 HBT 2017.03887	Czech Republic, Třeboň region, Majdalena: oxbow lakes near the river Lužnice
115		<i>Hypericum elodes L.</i>	XX 0 HBT 2017.03569	XX
116		<i>Hypericum humifusum L.</i>	CZ 0 HBT 2017.03888	Czech Republic, Třeboň region, Třeboň: ditches in forest
117		<i>Hypericum tetrapterum Fr.</i>	CZ 0 HBT 2017.03889	Czech Republic, Třeboň region, Roseč: fishpond Holná
118		<i>Hypochaeris radicata L.</i>	CZ 0 HBT 2021.03079	Czech Republic, Třeboň region, Třeboň: meadow in Botanical garden
119		<i>Chenopodium polyspermum L.</i>	CZ 0 HBT 2021.01544	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: the field near the former cowshed
120		<i>Inula britannica L.</i>	CZ 0 HBT 2017.03691	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
121		<i>Inula salicina L.</i>	CZ 0 HBT 2018.02083	Czech Republic, Břeclav region, Nejdek: meadow 1 km N from village
122		<i>Iris pseudacorus L.</i>	CZ 0 HBT 2017.03901	Czech Republic, Třeboň region, Lužnice: fishpond Černičný
123	§2	<i>Iris sibirica L.</i>	CZ 0 HBT 2017.03902	Czech Republic, Třeboň region, Jílovice: wet meadow near the river Stropnice
124		<i>Isolepis setacea (L.) R. Br.</i>	CZ 0 HBT 2017.03903	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond
125		<i>Jasione montana L.</i>	CZ 0 HBT 2017.03904	Czech Republic, Třeboň region, Františkov: Pískovna u Dračice sandpit
126		<i>Juncus alpinoarticulatus Chaix</i>	CZ 0 HBT 2017.03905	Czech Republic, Třeboň region, Tušř: sandpit
127		<i>Juncus articulatus L.</i>	CZ 0 HBT 2017.03906	Czech Republic, Třeboň region, Cep: sandpit near Cep
128		<i>Juncus bufonius L.</i>	CZ 0 HBT 2017.03907	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický

129		<i>Juncus bulbosus L.</i>	CZ 0 HBT 2017.03908	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: wet field near the village
130		<i>Juncus compressus Jacq.</i>	CZ 0 HBT 2017.03608	Czech Republic, Břeclav region, Lanžhot: wet meadow
131		<i>Juncus conglomeratus L.</i>	CZ 0 HBT 2017.03910	Czech Republic, Třeboň region, Ponědrážka: wet meadow S from Ruda mire
132		<i>Juncus effusus L.</i>	CZ 0 HBT 2018.02085	Czech Republic, Třeboň region, Spolí near Třeboň: sandpit 700 m to the E from the village
133		<i>Juncus ensifolius Wikstr.</i>	XX 0 HBT 2017.03347	XX
134		<i>Juncus filiformis L.</i>	CZ 0 HBT 2017.03912	Czech Republic, Třeboň region, Třeboň: wet meadows near Třeboň
135	§2	<i>Juncus gerardii Loisel.</i>	CZ 0 HBT 2017.03692	Czech Republic, Mikulov region, Sedlec: National nature reserve Slanisko u Nesytu
136		<i>Juncus inflexus L.</i>	CZ 0 HBT 2017.03609	Czech Republic, Břeclav region, Lanžhot: wet meadow
137		<i>Juncus squarrosus L.</i>	CZ 0 HBT 2017.03913	Czech Republic, Třeboň region, Chlum u Třeboně: near the fishpond Vizír
138		<i>Juncus tenuis Willd.</i>	CZ 0 HBT 2017.03915	Czech Republic, Třeboň region, Třeboň: forests S to Třeboň (Barbora)
139		<i>Leersia oryzoides (L.) Sw.</i>	CZ 0 HBT 2017.03918	Czech Republic, Třeboň region, Třeboň: okraje Zlaté stoky
140		<i>Scorzoneroides autumnalis (L.) Moench</i>	CZ 0 HBT 2021.03080	Czech Republic, Třeboň region, Třeboň: meadow in Botanical garden
141		<i>Leucanthemella serotina (L.) Tzvelev</i>	SK 0 HBT 2017.03741	Slovakia, Michalovce region, Velké Kapušany
142		<i>Libanotis pyrenaica (L.) Bourg.</i>	XX 0 HBT 2017.03451	XX
143		<i>Lotus maritimus L.</i>	CZ 0 HBT 2017.03458	Czech Republic, Jičín region, Dětenice
144		<i>Lotus pedunculatus Cav.</i>	CZ 0 HBT 2017.03929	Czech Republic, Třeboň region, Stříbřec: Novořecké močály mires
145		<i>Lotus tenuis Willd.</i>	CZ 0 HBT 2017.03693	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
146		<i>Ludwigia peruensis</i>	XX 0 HBT 2021.03081	XX
147		<i>Luzula nivea (Nathh.) DC.</i>	XX-0-BHU-F-1986-1043	XX

148		<i>Luzula sylvatica (Huds.) Gaudin</i>	CZ 0 HBT 2019.04346	Czech Republic, Prachatice region, Vimperk: Šumava near Vimperk
149		<i>Lycopus europaeus L.</i>	CZ 0 HBT 2017.03931	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
150	§2	<i>Lysimachia thyrsoiflora L.</i>	CZ 0 HBT 2017.03934	Czech Republic, Třeboň region, Třeboň: tributary to the fishpond Opatovický
151		<i>Lysimachia vulgaris L.</i>	CZ 0 HBT 2017.03935	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
152		<i>Lythrum hyssopifolia L.</i>	CZ 0 HBT 2017.03453	Czech Republic, Nymburk region, Kopidlno
153		<i>Lythrum salicaria L.</i>	CZ 0 HBT 2017.03936	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
154		<i>Lythrum virgatum L.</i>	CZ 0 HBT 2017.03611	Czech Republic, Břeclav region, Lanžhot: wet meadow near Kyjovka river
155		<i>Mentha aquatica L.</i>	CZ 0 HBT 2021.03187	Czech Republic, Kolín region, Sokoleč: field Na Cerhenicku
156		<i>Mentha arvensis L.</i>	CZ 0 HBT 2017.03937	Czech Republic, Třeboň region, Branná near Třeboň: fishpond Ruda
157		<i>Mentha cervina L.</i>	XX 0 HBT 2017.03402	XX
158		<i>Mentha spicata L.</i>	CZ 0 HBT 2017.03938	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: bank of Nežárka river
159		<i>Mentha x piperita L.</i>	XX 0 HBT 2017.03583	XX
160		<i>Mentha x verticillata L.</i>	CZ 0 HBT 2021.03082	Czech Republic, Třeboň region, Vlkov: sand pit
161		<i>Mimulus guttatus DC.</i>	CZ 0 HBT 2017.03735	Czech Republic, Jeseník region, Javorník: brook Červenka
162		<i>Mimulus ringens L.</i>	XX 0 HBT 2017.03570	XX
163		<i>Molinia arundinacea Schrank</i>	CZ 0 HBT 2018.02090	Czech Republic, Třeboň region, Spolín near Třeboň: sandpit 700 m to the E from the village
164		<i>Molinia caerulea (L.) Moench</i>	CZ 0 HBT 2017.03612	Czech Republic, Břeclav region, Břeclav: meadows between Břeclav and Lanžhot
165		<i>Molinia caerulea (L.) Moench</i>	CZ 0 HBT 2021.00008	Czech Republic, Třeboň region, Příbraz: mire by the fishpond Příbrazský
166	§1	<i>Montia fontana L.</i>	CZ 0 HBT 2018.02091	Czech Republic, Frýdeckomístecko, Horní Lomná: Stoligy, 620 m.n.m.,

167		<i>Myosotis caespitosa</i> Schultz	CZ 0 HBT 2017.03942	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
168		<i>Myosotis palustris</i> (L.) L.	CZ 0 HBT 2017.03943	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond
169		<i>Myosurus minimus</i> L.	CZ 0 HBT 2017.03945	Czech Republic, Třeboň region, Spolí near Třeboň: fishpond Spolský
170		<i>Myriophyllum spicatum</i> L.	CZ 0 HBT 2017.03946	Czech Republic, Třeboň region, Třeboň: fishpond Svět
171	v	<i>Myriophyllum verticillatum</i> L.	CZ 0 HBT 2017.03638	Czech Republic, Doksy region, Mimoň: fishpond Hradčanský
172	§2 v	<i>Nymphaea alba</i> L.	CZ 0 HBT 2017.03696	Czech Republic, Mikulov region, Bulhary: aluvium river Dyje
173	§2 v	<i>Nymphaea candida</i> J. Presl	CZ 0 HBT 2017.03954	Czech Republic, Třeboň region, Lomnice nad Lužnicí: Farářský fishpond near Kolence
174		<i>Oxyria digyna</i> (L.) Hill	XX-0-BHU-F-1993-4	XX
175		<i>Pelargonium capitatum</i> L'Hér.	XX-0-STGAL-219/1992	XX
176		<i>Peplis portula</i> L.	CZ 0 HBT 2017.03960	Czech Republic, Třeboň region, Branná near Třeboň: sandpit
177		<i>Petasites hybridus</i> (L.) G. Gaertn. et al.	CZ 0 HBT 2017.03966	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: vlhký okraj louky v intravilánu
178		<i>Philydrum lanuginosum</i> Banks & Sol. ex Gaertn.	JP 0 PRAZ 2017.00552	Japan, Tsukuba Botanical Garden
179		<i>Phragmites australis</i> (Cav.) Steud.	CZ 0 HBT 2017.03969	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
180	§2	<i>Pinguicula vulgaris</i> L.	SK 0 HBT 2017.03714	Slovakia, Nízke Tatry Mts.
181		<i>Plantago lanceolata</i> L.	CZ 0 HBT 2021.03083	Czech Republic, Třeboň region, Třeboň: meadow in Botanical garden
182	§1	<i>Plantago maritima</i> L.	CZ 0 HBT 2017.03697	Czech Republic, Mikulov region, Sedlec: salt marches near the fishpond Nesyt
183		<i>Poa palustris</i> L.	CZ 0 HBT 2017.03973	Czech Republic, Třeboň region, Veselí nad Lužnicí: Horusický fishpond
184		<i>Poa pratensis</i> L.	CZ 0 HBT 2017.04077	Czech Republic, Třeboň region, Stará Hlína

185		<i>Poa trivialis</i> L.	CZ 0 HBT 2017.03975	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: wet meadow in the village
186		<i>Pontederia cordata</i> L.	XX 0 HBT 2017.03406	XX
187		<i>Pontederia cordata</i> 'Alba'	XX 0 HBT 2017.03384	XX
188	v	<i>Potamogeton berchtoldii</i> Fieber	CZ 0 HBT 2017.03979	Czech Republic, Třeboň region, Stará Hlína: slepé rameno river Lužnice
189	v	<i>Potamogeton crispus</i> L.	CZ 0 HBT 2017.03980	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: small pond in the village
190		<i>Potamogeton gramineus</i> L.	CZ 0 HBT 2017.03723	Czech Republic, Pardubice region, Bohdaneč: fishpond Matka
191		<i>Potamogeton lucens</i> L.	CZ 0 HBT 2017.03981	Czech Republic, Třeboň region, Opatovický fishpond
192		<i>Potamogeton natans</i> L.	CZ 0 HBT 2018.02098	Czech Republic, Třeboň region, Spolí near Třeboň: sandpit 700 m E from the village
193		<i>Potamogeton nodosus</i> Poir.	CZ 0 HBT 2017.03718	Czech Republic, Olomouc region, Annín: fishpond Skašovský
194		<i>Potamogeton pusillus</i> L.	CZ 0 HBT 2017.03986	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
195		<i>Pulicaria dysenterica</i> (L.) Bernh.	CZ 0 HBT 2017.03699	Czech Republic, Mikulov region, Sedlec: ditch near the village
196		<i>Ranunculus flammula</i> L.	CZ 0 HBT 2017.03994	Czech Republic, Třeboň region, Třeboň: Hrádeček
197		<i>Ranunculus repens</i> L.	CZ 0 HBT 2017.03996	Czech Republic, Třeboň region, Třeboň: fishpond Svět
198		<i>Ranunculus sceleratus</i> L.	CZ 0 HBT 2017.03997	Czech Republic, Třeboň region, Pístina: fishpond Záhlinský
199	§3	<i>Rhododendron tomentosum</i> Harmaja	CZ 0 HBT 2017.03917	Czech Republic, Třeboň region, Jiříkovo Údolí-Šalmanovice: bog woodland near NPR Červené blato
200	§1	<i>Rhynchospora alba</i> (L.) Vahl	CZ 0 HBT 2017.03640	Czech Republic, Doksy region, Doksy: bog near the pond Máchovo jezero
201		<i>Rumex acetosa</i> L.	CZ 0 HBT 2021.03084	Czech Republic, Třeboň region, Třeboň: meadow in Botanical garden
202		<i>Rumex aquaticus</i> L.	CZ 0 HBT 2017.04004	Czech Republic, Třeboň region, Lutová: fishpond Podsedek

203		<i>Rumex crispus L.</i>	CZ 0 HBT 2017.04005	Czech Republic, Třeboň region, Pístina: Záhlinický fishpond
204		<i>Rumex hydrolapathum Huds.</i>	CZ 0 HBT 2017.03615	Czech Republic, Břeclav region, Kostice: oxbow lakes between Kostice and Lanžhot
205		<i>Rumex maritimus L.</i>	CZ 0 HBT 2017.04006	Czech Republic, Třeboň region, Pístina: fishpond Záhlinický
206		<i>Sagina procumbens L.</i>	CZ 0 HBT 2017.04007	Czech Republic, Třeboň region, Třeboň: fishpond Opatovický
207		<i>Sagittaria sagittifolia L.</i>	CZ 0 HBT 2017.04008	Czech Republic, Třeboň region, Třeboň: Zlatá stoka near Majdalena
208		<i>Salix cinerea L.</i>	CZ 0 HBT 2018.02102	Czech Republic, Třeboň region, Spolí near Třeboň: sandpit 700 m to the E from the village
209		<i>Salix rosmarinifolia L.</i>	CZ 0 HBT 2017.04011	Czech Republic, Třeboň region, Vydří: louka v obci
210	§1	<i>Salvinia natans (L.) All.</i>	CZ 0 HBT 2017.03721	Czech Republic, Ostrava region, Děhylov: fishpond Štěpán
211		<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)
212		<i>Scirpoides holoschoenus (L.) Soják</i>	CZ 0 HBT 2017.03616	Czech Republic, Břeclav region, Valtice: forest edge
213		<i>Scirpus radicans Schkuhr</i>	CZ 0 HBT 2017.04013	Czech Republic, Třeboň region, Vlkov: edges of sandpits
214		<i>Scirpus sylvaticus L.</i>	CZ 0 HBT 2017.04014	Czech Republic, Třeboň region, Třeboň: Hrádeček area, in ditches
215		<i>Scutellaria galericulata L.</i>	CZ 0 HBT 2017.04016	Czech Republic, Třeboň region, Třeboň: fishpond Svět
216		<i>Senecio erraticus Bertol.</i>	CZ 0 HBT 2017.03702	Czech Republic, Mikulov region, Sedlec: wet meadow near the village
217	§1	<i>Senecio paludosus L.</i>	CZ 0 PRAZ 2012.05493	Czech Republic, Bruntál region, Dětrichov nad Bystřicí, Krahulčí: floodplain of Hrušovský brook, N to the village
218	§2	<i>Senecio sarracenicus L.</i>	CZ 0 PRAZ 2012.05494	Czech Republic, Olomouc region, Norberčany: Niva potoka Bělídlo
219		<i>Serratula tinctoria L.</i>	CZ 0 HBT 2017.03455	Czech Republic, Jičín region, Libáň near Kopidlno



220		<i>Schoenoplectus tabernaemontani</i> (C. Gmel.) Palla	CZ 0 HBT 2017.03703	Czech Republic, Mikulov region, Sedlec: fishpond Nesyť
221		<i>Schoenoplectus triqueter</i> (L.) Palla	SK 0 HBT 2017.03745	Slovakia, Dunajská Streda region, Klúčovec: oxbow lakes near the river Danube
222		<i>Sonchus palustris</i> L.	CZ 0 HBT 2017.03704	Czech Republic, Mikulov region, Sedlec: fishpond Nesyť
223		<i>Sparganium emersum</i> Rehmman	CZ 0 HBT 2018.02049	Czech Republic, Třeboň region, Třeboň: Majdalena, bank of Lužnice river
224		<i>Sparganium erectum</i> subsp. <i>erectum</i> L.	CZ 0 HBT 2017.04022	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond
225	§2	<i>Sparganium natans</i> L.	CZ 0 HBT 2017.04023	Czech Republic, Třeboň region, Veselí nad Lužnicí: Rašeliniště Ruda mire near Horusický fishpond
226		<i>Spiraea salicifolia</i> L.	CZ 0 HBT 2017.04042	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: exclavated Příbrazské rašeliniště bog
227		<i>Stachys palustris</i> L.	CZ 0 HBT 2017.04044	Czech Republic, Třeboň region, Třeboň: fishpond Svět
228	§2 v	<i>Stratiotes aloides</i> L.	CZ 0 HBT 2017.03618	Czech Republic, Břeclav region, Koštice: mrtvá ramena Moravy
229		<i>Stuckenia pectinata</i> (L.) Börner	CZ 0 HBT 2017.03984	Czech Republic, Třeboň region, Vydří: Františův fishpond
230		<i>Stylidium debile</i> F.Muell.	AU 0 HBT 2017.03521	Australia
231		<i>Succisa pratensis</i> Moench	CZ 0 HBT 2017.04049	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: meadow 1 km SE from the village (Na Cihelně)
232		<i>Symphotrichum lanceolatum</i> (Willd.) G. L. Nesom	CZ 0 HBT 2017.03598	Czech Republic, Břeclav region
233		<i>Tephrosieris crispa</i> (Jacq.) Rchb.	CZ 0 HBT 2019.04365	Czech Republic, Třeboň region, Matná: wet meadow NW from Matenský fishpond
234		<i>Thalia dealbata</i> Fraser	XX 0 HBT 2021.03085	XX
235		<i>Thalictrum aquilegiifolium</i> L.	CZ 0 HBT 2018.01492	Czech Republic, Třeboň region, Třeboň region: Františkov, valley of the river Dračice
236		<i>Thalictrum lucidum</i> L.	CZ 0 HBT 2017.03460	Czech Republic, Mladá Boleslav region, Dolní Bousov

237	§3	<i>Thelypteris palustris</i> Schott	CZ 0 HBT 2017.03736	Czech Republic, Nový Jičín region, Studénka: near the book Bílovka
238		<i>Trifolium fragiferum</i> L.	CZ 0 HBT 2018.02105	Czech Republic, Mikulov region, Sedlec: wet pasture S from fishpond Nesyt
239		<i>Typha laxmannii</i> Lepech.	CZ 0 HBT 2017.03645	Czech Republic, Hustopeče region, Šakvice: banks of the dam Dolní Mlýnská
240		<i>Typha shuttleworthii</i> W. D. J. Koch et Sond.	XX 0 HBT 2017.03414	XX
241	§1	<i>Utricularia vulgaris</i> L.	CZ 0 HBT 2017.03644	Czech Republic, Hodonín region, Důbrava: pools in the floodplain of the river Morava
242	§3	<i>Vaccinium oxycoccos</i> L.	CZ 0 HBT 2017.03956	Czech Republic, Třeboň region, Stará Hlína: bog at the fishpond Nový Vdovec
243		<i>Vaccinium uliginosum</i> L.	CZ 0 HBT 2017.04066	Czech Republic, Třeboň region, Třeboň: pine bog forest
244		<i>Valeriana dioica</i> L.	CZ 0 HBT 2017.04068	Czech Republic, Třeboň region, Vydří: louka v obci
245		<i>Verbascum blattaria</i> L.	CZ 0 HBT 2018.02110	Czech Republic, Břeclav region, Lednice: wet meadow near Janohrad
246		<i>Veronica anagallis-aquatica</i> L.	CZ 0 HBT 2017.04070	Czech Republic, Třeboň region, Třeboň: Opatovický fishpond
247		<i>Veronica beccabunga</i> L.	CZ 0 HBT 2017.03629	Czech Republic, České Budějovice region, Kamenný Újezd: Otmanka
248		<i>Veronica maritima</i> L.	CZ 0 HBT 2017.03613	Czech Republic, Břeclav region, Podivín: meadows
249		<i>Veronica scutellata</i> L.	CZ 0 HBT 2017.04071	Czech Republic, Třeboň region, Stráž nad Nežárkou, Dolní Lhota: ditches in Příbrazské rašeliniště bog
250		<i>Viburnum rhytidophyllum</i> Hemsl.	XX 0 HBT 2019.04372	XX
251	§2	<i>Viola stagnina</i> Kit. ex Schult.	CZ 0 HBT 2017.03620	Czech Republic, Břeclav region, Břeclav: meadows near Lanžhot
252		<i>Vulpia myuros</i> (L.) C.C.Gmel.	CZ 0 HBT 2017.04074	Czech Republic, Třeboň region, Stráž nad Nežárkou: sandpit
253		<i>Xyris caroliniana</i> Walter	XX 0 HBT 2018.02561	XX

## 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: Experimental Garden and Gene Pool Collections Třeboň, 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 15<sup>th</sup> 2022. 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](mailto:lenka.moravcova@ibot.cas.cz).


Please check your address:

**Agreement on the supply of living plant material<sup>1</sup>  
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 CBD<sup>2</sup>.
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 1.4<sup>3</sup>)

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I accept the above conditions.

Date, Signature

Recipient's name and address, stamp

<sup>1</sup>According 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.

<sup>2</sup> ideally, the national focal point in the garden's home country.

<sup>3</sup> The 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.