



INDEX SEMINUM 2008 HORTUS BOTANICUS

Facultatis Rerum Naturalium

Universitatis Palackianae

Olomouc

Czech Republic



Botanická
zahrada

Univerzita Palackého v Olomouci
Přírodovědecká fakulta

Botanic garden

Department of Botany, Faculty of Science
Palacký University in Olomouc
the Czech Republic

Geographic data: Latitude 49° 35' 13" N
Longitude 17° 44' 59" E
Altitude 210 m a.s.l.

Climatic data: Average year temperature 8,3°C
Average year rainfall 586 mm

Botanic garden is open for public except of Monday daily, including weekends and state holidays in April, September and October 10 a.m – 4 p.m., in May – August 10 a.m. – 6 p.m. Visit off-season can be fixed by phone (+420 604 510 470) or by e-mail. This fact relates to specialized plant collections in Olomouc-Holice as well.

Botanic garden is situated close to the historical centre of the city. It is located in the main municipal park "Smetanovy sady", behind the "Palm greenhouses" of the organization "Fair Grounds Flora Olomouc, Ltd.". The main entrance to Garden is from the street "U botanické zahrady".

Botanic garden is a part of Department of Botany (Faculty of Science, Palacký University in Olomouc) and information on its collections and activities is available also on the web site <http://botany.upol.cz>.

Index seminum 2008 includes seeds and gemmae originating from plants grown in our Botanic garden and in other collections maintained by the Department of Botany, and also seed samples collected during expeditions in natural habitats. Seeds are stored at low temperature.

In 2004 we created a common database of plant material maintained by the Department of Botany in all collections. Within this database we assigned to each genotype (accession, item) the unique identifier, Identification number (ID), which remains constant.

Index seminum 2008 is available also in the electronic version. You may order seed material directly in the web site of Department of Botany: <http://botany.upol.cz> (part "Botanic garden").

symbols

G seeds from plants grown in Botanic Garden
S seeds from plants maintained in specialized collections at Department of Botany
N seeds collected in natural habitats
seeds harvested (collected) in 2004 - 2007 and stored at low temperature
08 seeds harvested (collected) in 2008
o gemmae

imprint

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List of Items

	Aplaceae Lindl.		
2133	<i>Angelica sylvestris</i> L.	N	#
AS	<i>Czech Republic (2004): Jestřebí, wet ruderal meadow under Konvalinkový hill, 50°36'25" N, 14°36'45" E, 264 m a.s.l.</i>		
258	<i>Astrantia major</i> L.	G	#
312	<i>Bupleurum rotundifolium</i> L.	G	# 08
413	<i>Caucalis platycarpus</i> L.	G	#
494	<i>Conium maculatum</i> L.	G	# 08
662	<i>Eryngium planum</i> L.	G	#
684	<i>Foeniculum vulgare</i> Mill.	G	#
925	<i>Chaerophyllum aureum</i> L.	G	#
1035	<i>Levisticum officinale</i> Koch	G	#
1174	<i>Oenanthe pimpinelloides</i> L.	G	#
1250	<i>Peucedanum alsaticum</i> L.	G	#
1251	<i>Peucedanum verticillare</i> (L.) Mert. et Koch	G	#
1498	<i>Scandix pecten-veneris</i> L.	G	#
1539	<i>Seseli</i> sp.	G	#
2134	<i>Torilis japonica</i> (Houtt.) DC.	G	#
AS	<i>Czech Republic (2004): Jestřebí, wet ruderal meadow under Konvalinkový hill, 50°36'25" N, 14°36'45" E, 264 m a.s.l.</i>		
	Apocynaceae Juss.		
122	<i>Amsonia tabernaemontana</i> Walter	G	#
	Aristolochiaceae Adans.		
164	<i>Aristolochia clematitidis</i> L.	G	#
	Asclepiadaceae Borkh.		
191	<i>Asclepias incarnata</i> L.	G	#
2809	<i>Gomphocarpus fruticosus</i> (L.) W.T. Aiton	S	08
MF,LS	<i>South Africa (2007): Augrabies</i>		
	Asteraceae Martinov		
69	<i>Achillea clypeolata</i> Sm.	G	#
71	<i>Achillea collina</i> Becker ex. Rchb.	G	#
73	<i>Achillea distans</i> Waldst. et Kit. ex Willd.	G	#
79	<i>Achillea millefolium</i> L.	G	#
82	<i>Achillea pannonica</i> Scheele	G	#
83	<i>Achillea ptarmica</i> L.	G	#
111	<i>Ambrosia trifida</i> L.	G	#
127	<i>Anaphalis margaritacea</i> (L.) Benth. ex Hook.f.	G	#
143	<i>Antennaria neglecta</i> Greene	G	#
144	<i>Antennaria plantaginifolia</i> (L.) Hook.	G	# 08
145	<i>Anthemis tinctoria</i> L.	G	#
175	<i>Artemisia absinthium</i> L.	G	#
207	<i>Aster ageratoides</i> Turcz. var. <i>ovatus</i> (Franch. & Sav.) Kitam.	G	#
208	<i>Aster alpinus</i> L. subsp. <i>polycephallus</i>	G	# 08
209	<i>Aster amellus</i> L.	G	#
212	<i>Aster conspicuus</i> Lindl.	G	#
213	<i>Aster cordifolius</i> L.	G	#
215	<i>Aster ericoides</i> L.	G	#
216	<i>Aster ericoides</i> L.	G	#
218	<i>Aster foliaceus</i> Lindl. var. <i>cusickii</i> (A. Gray) Cronq.	G	#
220	<i>Aster chlorolepis</i> Burgess	G	#
222	<i>Aster laevis</i> L.	G	#
227	<i>Aster linosyris</i> (L.) Bernh.	G	# 08
228	<i>Aster macrophyllus</i> L.	G	#
229	<i>Aster novae-angliae</i> L.	G	#
232	<i>Aster oblongifolius</i> Nutt.	G	#
233	<i>Aster ontarionis</i> Wiegand	G	#
236	<i>Aster pilosus</i> Willd.	G	#
238	<i>Aster prenanthoides</i> Muhl. ex Willd.	G	#
242	<i>Aster sagittifolius</i> Wedem. ex Willd.	G	#
246	<i>Aster undulatus</i> L.	G	#
247	<i>Aster versicolor</i> Willd.	G	# 08
269	<i>Balsamita major</i> Desf.	G	#
2594	<i>Bidens pilosa</i> L.	G	08
AK	<i>India (2004):Tamilnadu, Nilgiri hills, near the town of Kotagiri</i>		

308	<i>Bupthalmum salicifolium</i> L.	G	#
401	<i>Carlina vulgaris</i> L.	G	#
420	<i>Centaurea glastifolia</i> L.	G	# 08
460	<i>Cirsium canum</i> (L.) All.	G	# 08
466	<i>Cirsium tataricum</i> DC	G	# 08
500	<i>Coreopsis grandiflora</i> Hogg ex Sweet	G	#
502	<i>Coreopsis major</i> Walter	G	#
503	<i>Coreopsis palmata</i> Nutt.	G	#
499	<i>Coreopsis pubescens</i> Elliott	G	#
507	<i>Coreopsis tripteris</i> L.	G	# 08
508	<i>Coreopsis verticillata</i> L.	G	# 08
607	<i>Echinacea purpurea</i> (L.) Moench	G	#
609	<i>Echinacea purpurea</i> (L.) Moench	G	#
611	<i>Echinops sphaerocephalus</i> L.	G	# 08
646	<i>Eupatorium cannabinum</i> L.	G	# 08
658	<i>Eupatorium rugosum</i> Houtt.	G	#
703	<i>Gaillardia aristata</i> Pursh	G	# 08
798	<i>Grindelia squarrosa</i> (Pursh) Dunal	G	#
799	<i>Grindelia squarrosa</i> (Pursh) Dunal	G	#
816	<i>Helianthella quinquenervis</i> (Hook.) A. Gray	G	#
819	<i>Helianthus divaricatus</i> L.	G	#
820	<i>Helianthus giganteus</i> L.	G	#
841	<i>Heliopsis scabra</i> Dunal	G	#
2223	<i>Hieracium sabaudum</i> L.	G	#
884	<i>Hieracium umbellatum</i> L.	G	# 08
940	<i>Chondrilla juncea</i> L.	G	#
942	<i>Chrysopsis villosa</i> (Pursh) Nutt. ex DC.	G	# 08
953	<i>Inula ensifolia</i> L.	G	#
954	<i>Inula ensifolia</i> L.	G	#
955	<i>Inula helenium</i> L.	G	# 08
956	<i>Inula hirta</i> L.	G	#
2140	<i>Inula salicina</i> L.	N	#
MD	<i>Czech Republic (2004): Domanice, dry grassland (Bromion), 49°54'37" N, 16°03'26" E, 380 m a.s.l.</i>		
2091	<i>Lactuca aculeata</i> Boiss. et Ky.	S	#
2092	<i>Lactuca aculeata</i> Boiss. et Ky.	S	#
2093	<i>Lactuca altaica</i> Fisch. et Mey.	S	#
2094	<i>Lactuca biennis</i> (Moench) Fernald	S	#
2096	<i>Lactuca canadensis</i> L.	S	#
2095	<i>Lactuca capensis</i> Thunb.	S	#
2097	<i>Lactuca dregeana</i> DC.	S	#
2098	<i>Lactuca dregeana</i> DC.	S	#
2099	<i>Lactuca dregeana</i> DC.	S	#
2100	<i>Lactuca dregeana</i> DC.	S	#
2101	<i>Lactuca indica</i> L.	S	#
2102	<i>Lactuca indica</i> L.	S	#
2103	<i>Lactuca indica</i> L.	S	#
2104	<i>Lactuca perennis</i> L.	S	#
2105	<i>Lactuca saligna</i> L.	S	#
2106	<i>Lactuca saligna</i> L.	S	#
2107	<i>Lactuca saligna</i> L.	S	#
2108	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S	#
2109	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S	#
2110	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S	#
2111	<i>Lactuca serriola</i> L.	S	#
2112	<i>Lactuca serriola</i> L.	S	#
2113	<i>Lactuca serriola</i> L.	S	#
2114	<i>Lactuca serriola</i> L.	S	#
2141	<i>Lactuca serriola</i> L.	S	#
AL,EK	<i>Czech Republic (2001): Litomyšl, along the roadside, 49°53'14"N, 16°16'56"E, 346 m a.s.l.</i>		
2142	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S	#
AL,EK	<i>Czech Republic (2001): Holovousy, field margin by the roadside, 50°22'17"N, 15°34'50"E, 294 m a.s.l.</i>		
2143	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S	#
AL,EK	<i>Czech Republic (2001): Olomouc - Holice, along the roadside, 49°34'53"N, 17°16'50"E, 215 m a.s.l.</i>		
2144	<i>Lactuca serriola</i> L. f. <i>serriola</i>	S	#
AL,EK	<i>Czech Republic (2001): Ochoz u Brna, dry, sandy and sunny place - former rubble, 49°15'39"N, 16°43'52"E, 392 m a.s.l.</i>		

2145 AL,EK	<i>Lactuca serriola</i> L. f. <i>serriola</i> Czech Republic (2001): <i>Želešice, abandoned field by the roadside, 49°07'10"N, 16°35'51"E, 241 m a.s.l.</i>	S	#
2146 AL,ID	<i>Lactuca serriola</i> L. f. <i>serriola</i> Czech Republic (2001): <i>Přerov nad Labem, ditch by a abandoned field by a petrol station, 50°08'47"N, 14°49'29"E, 201 m a.s.l.</i>	S	#
2123	<i>Lactuca serriola</i> L. <i>xl. sativa</i> L. (cv. Brun Hilde)	S	#
2124	<i>Lactuca serriola</i> L. <i>xl. sativa</i> L. (cv. Brun Hilde)	S	#
2115	<i>Lactuca taraxacifolia</i> Chalk.	S	#
2116	<i>Lactuca tatarica</i> (L.) C.A.Mey.	S	#
2117	<i>Lactuca tenerrima</i> Pourr.	S	#
2118	<i>Lactuca viminea</i> (L.) J. et C. Presl subsp. <i>viminea</i>	S	#
2119	<i>Lactuca viminea</i> (L.) J. et C. Presl subsp. <i>chondrilliflora</i> (Boreau) Bonnier	S	#
990	<i>Lactuca virosa</i> L. var. <i>virosa</i>	G	#
2120	<i>Lactuca virosa</i> L. var. <i>virosa</i>	S	#
2121	<i>Lactuca virosa</i> L. var. <i>virosa</i>	S	#
1039	<i>Liatris platylepis</i> K. Schum.	G	#
1045	<i>Liatris</i> sp.	G	#
1047	<i>Liatris spicata</i> (L.) Willd.	G	#
2122	<i>Mycelis muralis</i> (L.) Dum.	S	#
1273	<i>Picris hieracioides</i> L.	G	# 08
1274	<i>Pilosella aurantiaca</i> F. W. Schultz & Sch. Bip	G	#
1405	<i>Ratibida pinnata</i> (Vent.) Barnhart	G	#
1441	<i>Rudbeckia fulgida</i> Ait. cv. "Goldsturm"	G	#
1440	<i>Rudbeckia fulgida</i> Ait. var. <i>deamii</i> (S. F. Blake) Perdue	G	#
1442	<i>Rudbeckia fulgida</i> Ait. var. <i>speciosa</i> (Wender.) Perdue	G	#
1446	<i>Rudbeckia laciniata</i> L.	G	#
1496	<i>Scabiosa graminifolia</i> L.	G	#
1529	<i>Senecio bicolor</i> (Willd.) Tod.	G	#
1534	<i>Serratula gmelinii</i> Tausch	G	# 08
1537	<i>Serratula radiata</i> (Waldst. & Kit.) Bieb.	G	# 08
1538	<i>Serratula tinctoria</i> L.	G	#
2220	<i>Silphium asperimum</i> Hook.	G	#
1559	<i>Silphium integrifolium</i> Michx.	G	#
1560	<i>Silphium perfoliatum</i> L.	G	#
1563	<i>Silphium trifoliatum</i> L.	G	#
1577	<i>Solidago canadensis</i> var. <i>subserata</i> (DC.) Cronquist	G	#
2187	<i>Solidago gigantea</i> Ait.	G	#
1579	<i>Solidago glomerata</i> Michx.	G	#
2219	<i>Solidago lepidia</i> DC.	G	#
1584	<i>Solidago randii</i> (Porter) Britton	G	#
1586	<i>Solidago rigida</i> L.	G	#
1587	<i>Solidago rugosa</i> Mill.	G	#
2196	<i>Solidago spathulata</i> DC.	G	#
2198	<i>Solidago speciosa</i> Nutt.	G	#
1594	<i>Sonchus palustris</i> L.	G	#
1595	<i>Sonchus palustris</i> L.	G	#
1643	<i>Tanacetum cinerariifolium</i> (Trevir.) Sch. Bip.	G	#
1644	<i>Tanacetum corymbosum</i> (L.) Schultz-Bip.	G	#
1646	<i>Tanacetum vulgare</i> L.	G	#
2562	<i>Taraxacum acervatum</i> Railons. Czech Republic (2003): <i>South Moravia, Šardice: lawns in the village</i>	G	#
2560 BT	<i>Taraxacum aethiopiciforme</i> H. Oellg. Denmark (2003): <i>Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city</i>	G	#
2553 BT	<i>Taraxacum alatum</i> Lindb. fil. Czech Republic (2003): <i>Haná, Kojetín, lawns in gardens in the the SE part of the village</i>	G	#
2542 BT	<i>Taraxacum angustisquameum</i> Lindb. fil. Denmark (2003): <i>Jylland, Viborg, local part Overlund, meadow along the road - direction Tapdrup - E part of the city</i>	G	#
2554 BT	<i>Taraxacum dilaceratum</i> M. P. Christ. Denmark (2003): <i>Jylland, Viborg, meadow by the lake (East part) Soendorsoe by the SE part of the city</i>	G	#
2547 BT	<i>Taraxacum exacutum</i> Markl. Denmark (2003): <i>Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city</i>	G	#

2556	<i>Taraxacum flavostylum</i> Bäck	G	#
BT	Czech Republic (2003): Krkonoše mountains, location Babí, meadows by the S margin of the village (by the road)		
2557	<i>Taraxacum hemicyclum</i> Hagl.	G	#
BT	Czech Republic (2003): Haná, Popůvky u Kojetína, meadows in the N part of the village		
2564	<i>Taraxacum huelphersianum</i> Hagl.	G	#
BT	Czech Republic (2003): Krkonoše mountains, Antonínovo Údolí (Dolní Sejfy), meadow by the road near the forest		
2541	<i>Taraxacum intermedium</i> Raunk.	G	#
BT	Denmark (2003): NW part of Jylland (area of the city Thisted), wet meadow for pasture on the SW coat of the Loennerup Fjord, ca 10 m a.s.l.		
2549	<i>Taraxacum leucopodium</i> Hagl.	G	#
BT	Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendersoe by the SE part of the city		
2539	<i>Taraxacum lucidum</i> Dahlst.	G	#
BT	Czech Republic (2003): NE Bohemia, Staré Nechanice, in the village		
2540	<i>Taraxacum lucidum</i> Dahlst.	G	#
BT	Czech Republic (2003): Haná, Popůvky u Kojetína, meadows on W part of the village		
2550	<i>Taraxacum melanthoides</i> M. P. Christ. et Wiinst.	G	#
BT	Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city		
2551	<i>Taraxacum ohlsenii</i> Hagl.	G	#
BT	Czech Republic (2003): Krkonoše mountains, Antonínovo Údolí (Dolní Sejfy), meadow by the road near forest		
2555	<i>Taraxacum ochrochlorum</i> Hagl.	G	#
BT	Czech Republic (2003): Krkonoše mountains, Černý Důl, lawns by the road in the S part of the village		
2552	<i>Taraxacum pallescens</i> Dahlst.	G	#
BT	Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendersoe by the SE part of the city		
2543	<i>Taraxacum pallidipes</i> Markl.	G	#
BT	Czech Republic (2003): Nížký Jeseník mountains, Nové Valteřice, lawn in the village		
2561	<i>Taraxacum pectinatiforme</i> Lindb. fil.	G	#
BT	Slovakia (2003): Oravská Polhora, meadows in the valley of the stream Vonžovec ca 2 - 2,5 km N from the settlement Slaná Voda		
2548	<i>Taraxacum planum</i> Raunk.	G	#
BT	Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city		
2538	<i>Taraxacum stereoides</i> Hagl.	G	#
BT	Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendersoe by the SE part of the city		
2558	<i>Taraxacum sublaeticolor</i> Dahlst.	G	#
BT	Czech Republic (2003): Krkonoše mountains, Černý Důl, meadows and road margins in the N part of the village		
2544	<i>Taraxacum superbum</i> Markl.	G	#
BT	Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city		
2563	<i>Taraxacum undulatifforme</i> Dahlst.	G	#
BT	Slovakia (2003): Turzovská vrchovina, Čadca, Podzávoz, meadow on the margin of the village, 1,5 km NE from Jurošovský hill (630 m a.s.l.)		
2545	<i>Taraxacum vastisectum</i> Puolanne	G	#
BT	Denmark (2003): Jylland, Viborg, local part of Overlund, meadow along the road - direction Tapdrup - E part of the city		
2559	<i>Taraxacum wibergense</i> H. Oellg.	G	#
BT	Denmark (2003): Jylland, Viborg, meadow by the lake (East part) Soendersoe by the SE part of the city		
2546	<i>Taraxacum wiinstedtii</i> H. Oellg.	G	#
BT	Denmark (2003): Jylland, Viborg, meadows by the Soendermoehle - by SE marginal part of the city, ca 50 m a.s.l.		
1753	<i>Verbesina alternifolia</i> (L.) Britton ex Kearney	G	#
1756	<i>Verbesina hellanthis</i> Michx.	G	#
1760	<i>Vernonia fasciculata</i> Michx.	G	# 08
1762	<i>Vernonia glauca</i> (L.) Willd.	G	#
1767	<i>Vernonia noveboracensis</i> (L.) Michx.	G	#
1837	<i>Xanthium strumarium</i> L.	G	#

289	Betulaceae Gray <i>Betula humilis</i> Schrank	G	#
948	Bignoniaceae Juss. <i>Incarvillea olgae</i> Regel.	G	# 08
141	Boraginaceae Juss. <i>Anchusa officinalis</i> L.	G	#
2439	<i>Echium wilodynietii</i> H. Pearson ex Hook. f.	G	#
842	<i>Heliotropium europaeum</i> L.	G	#
1173	<i>Nonea lutea</i> (Desr.) DC.	G	#
107	Brassicaceae Burnett <i>Alyssum murale</i> Waldst. et Kit	G	#
2403	<i>Anastatica hierochuntica</i> L.	S	# 08
AH	<i>Egypt (2004): market in Cairo</i>		
2241	<i>Crambe abyssinica</i> R. E. Fries	G	#
964	<i>Isatis tinctoria</i> L.	G	#
327	Campanulaceae Juss. <i>Campanula alliariifolia</i> Willd.	G	#
331	<i>Campanula persicifolia</i> L.	G	#
2135	<i>Campanula persicifolia</i> L.	N	#
JM	<i>Czech Republic (2004): Jívová, slope between fields, 50°36'27"N, 14°36'46" E, 264 m a.s.l.</i>		
333	<i>Campanula sarmatica</i> Ker. Gawl.	G	#
1291	<i>Platycodon grandiflorum</i> (Jacq.) A. DC.	G	#
63	Caryophyllaceae Juss. <i>Agrostemma githago</i> L.	G	# 08
2233	<i>Agrostemma githago</i> L.	G	#
2236	<i>Agrostemma githago</i> L.	G	#
2240	<i>Agrostemma githago</i> L.	G	#
2246	<i>Agrostemma githago</i> L.	G	#
2255	<i>Agrostemma githago</i> L.	G	#
2259	<i>Agrostemma githago</i> L.	G	#
2260	<i>Agrostemma githago</i> L.	G	#
576	<i>Dianthus hungaricus</i> Pers.	G	#
807	<i>Gypsophila scorzoniferifolia</i> Ser.	G	#
1090	<i>Lychnis coronaria</i> (L.) Desr.	G	#
1118	<i>Melandrium album</i> L.	G	#
1489	<i>Saponaria officinalis</i> L.	G	#
1552	<i>Silene bupleuroides</i> L.	G	#
1558	<i>Silene vulgaris</i> (Moench) Garcke subsp. <i>vulgaris</i>	G	#
1908	Commelinaceae Mirb. <i>Pollia condensata</i> C.B. Clarke	S	08
AH	<i>Uganda (2004): Busingiro</i>		
1299	Convallariaceae Horaninow <i>Polygonatum latifolium</i> (Jacq.) Desf.	G	#
1301	<i>Polygonatum odoratum</i> (Mill.) Druce	G	#
2136	Crassulaceae J.St.-Hil. <i>Hylotelephium jullianum</i> (Bor.) Grulich	N	#
JM	<i>Czech Republic (2004): Jívová, slope between fields, 49°41'59" N, 17°24'25" E, 570 m a.s.l.</i>		
2126	Cyperaceae Juss. <i>Carex pseudocyperus</i> L.	N	#
AŠ	<i>Czech Republic (2004): area between Staré Splyay and Jestřebí, moorland by Baronský pond, 50°36'10" N, 14°37'19" E, 264 m a.s.l.</i>		
467	<i>Cladium mariscus</i> (L.) Pohl	G	#
2597	<i>Ficinia nodosa</i> (Rottb.) Goetgh., Muasya & Simpson	S	08
LF	<i>Chile (2005): Chiloe Island, 42°30' southern latitude</i>		
2037	<i>Kyllinga</i> sp.	S	08
MDa	<i>Kenya (2004): Mt. Kenya, Chogoria route, ridge above Nithi roadhead</i>		

444	Dipsacaceae Juss.	<i>Cephalaria gigantea</i> (Ledeb.) Bobrov	G	#	08
982		<i>Knautia drymeia</i> Heuffel	G		#
1630		<i>Succisa pratensis</i> Moench	G		#
1831		<i>Virga pilosa</i> (L.) Hill	G		#
	Droseraceae Salisb.				
2266		<i>Drosera roseana</i> N. G. Marchant et Lowrie	S°		08
2305		<i>Drosera sargentii</i> Lowrie et N. G. Marchant	S°		08
2306		<i>Drosera scorpioides</i> Planch.	S		08
	Euphorbiaceae Juss.				
2257		<i>Ricinus communis</i> L.	G		#
1708		<i>Tithymalus myrsinites</i> (L.) Hill	G		#
	Fabaceae Lndl.				
250		<i>Astragalus cicer</i> L.	G		#
271		<i>Baptisia australis</i> (L.) R. Br.	G		#
339		<i>Caragana frutex</i> (L.) K. Koch	G		#
1992		<i>Cassia occidentalis</i> L.	S	#	08
MDa		<i>Uganda (2004): Murchison falls, Paraa, bank of Nile</i>			
1963		<i>Clitoria ternatea</i> L.	S		08
489		<i>Colutea orientalis</i> Lam.	G		#
565		<i>Desmodium canadense</i> (L.) DC.	G		#
566		<i>Desmodium canadense</i> (L.) DC.	G		#
731		<i>Genista tinctoria</i> L.	G		#
784		<i>Glycyrrhiza echinata</i> L.	G		#
785		<i>Glycyrrhiza echinata</i> L.	G		#
787		<i>Glycyrrhiza lepidota</i> Nutt. ex Pursh.	G		#
788		<i>Glycyrrhiza pallidiflora</i> Maxim.	G		#
2156		<i>Lathyrus inconspicuus</i> L.	G		#
1005		<i>Lathyrus latifolius</i> L.	G		#
2165		<i>Lathyrus niger</i> (L.) Bernh.	G		#
1009		<i>Lathyrus nisolia</i> L.	G		#
2167		<i>Lathyrus occidentalis</i> Nutt. ex Torr. & A. Gray	G		#
1016		<i>Lathyrus venetus</i> (Miller) Wohlf.	G		#
1017		<i>Lathyrus vernus</i> (L.) Bernh. var. <i>angustifolius</i> (Schur) Rouy	G		#
2256		<i>Lotus uliginosus</i> Schkuhr.	G		#
1197		<i>Ononis arvensis</i> L.	G		#
2137		<i>Trifolium arvense</i> L.	N		#
MD		<i>Czech Republic (2004): Bzenec - Přivoz, blowing sand area along the railway, 45°55'53" N, 17°16'40" E, 185 m a.s.l.</i>			
2238		<i>Trifolium subterraneum</i> L.	G		#
1810		<i>Vicia pisiformis</i> L.	G		#
	Gentianaceae Juss.				
736		<i>Gentiana cruciata</i> L.	G		#
	Geraniaceae Adans				
771		<i>Geum pyrenaicum</i> Willd.	G		#
	Hypericaceae Durande				
906		<i>Hypericum ascyron</i> L.	G		#
910		<i>Hypericum erectum</i> Thunb.	G		#
1890		<i>Hypericum grandifolium</i> Choisy	S		#
AK		<i>Spain (2004): Canary Islands</i>			
916		<i>Hypericum perforatum</i> L.	G		#
	Iridaceae Juss.				
275		<i>Belamcanda chinensis</i> (L.) DC.	G		#
	Juncaceae Juss				
1910		<i>Luzula abyssinica</i> Parl.	S		08
AH		<i>Uganda (2004): Mt. Elgon, Jackson's pool</i>			
1083		<i>Luzula nivea</i> (L.) DC.	G		#
	Lamiaceae Martinov				
46		<i>Agastache foeniculum</i> (Pursh) Kuntze	G	#	08
286		<i>Betonica grandiflora</i> Willd.	G		#
287		<i>Betonica officinalis</i> L.	G		#
318		<i>Calamintha nepetoides</i> Jordan	G		#

321	<i>Calamintha sylvatica</i> Bromf. subsp. <i>ascendens</i> (Jord.) P.W.Ball	G	#
596	<i>Dracocephalum ruyschiana</i> L.	G	# 08
920	<i>Hyssopus officinalis</i> L.	G	#
1088	<i>Lycopus exaltatus</i> L. f.	G	#
1129	<i>Mentha</i> sp.	G	#
1150	<i>Monarda fistulosa</i> L.	G	#
1152	<i>Monarda media</i> Willd.	G	#
1153	<i>Monarda punctata</i> L.	G	#
1167	<i>Nepeta pannonica</i> L.	G	# 08
1206	<i>Origanum vulgare</i> L.	G	#
1254	<i>Phlomis russeliana</i> (?)	G	#
1256	<i>Phlomis tuberosa</i> L.	G	# 08
2045	<i>Plectranthus</i> sp.	S	08
MDa	Kenya (2004): <i>campsite cca 10 km NE of the Sekenani gate of Masai Mara national reserve</i>		
1467	<i>Salvia austriaca</i> Jacq.	G	# 08
1473	<i>Salvia pratensis</i> L.	G	# 08
1469	<i>Salvia glutinosa</i> L.	G	#
1471	<i>Salvia nemorosa</i> L.	G	# 08
2224	<i>Salvia ringens</i> Sibth. et Smith	G	#
1475	<i>Salvia sclarea</i> L.	G	# 08
1476	<i>Salvia tomentosa</i> Mill.	G	# 08
1477	<i>Salvia transylvanica</i> Schur.	G	#
1478	<i>Salvia verticillata</i> L.	G	# 08
1493	<i>Satureja montana</i> L.	G	#
1516	<i>Scutellaria baicalensis</i> Georgi	G	# 08
1656	<i>Teucrium chamaedrys</i> L.	G	#
1657	<i>Teucrium polium</i> L. subsp. <i>polium</i>	G	#
1658	<i>Teucrium scorodonia</i> L.	G	# 08
	Liliaceae Adans		
96	<i>Allium angulosum</i> L.	G	#
147	<i>Anthericum ramosum</i> L.	G	#
201	<i>Asphodeline lutea</i> (L.) Reichb.	G	# 08
2811	<i>Bowiea volubilis</i> Harv. ex Hook. f.	S	08
2813	<i>Brimeura amethystina</i> (L.) Chouard	S	08
719	<i>Galtonia candicans</i> Decne.	S	# 08
894	<i>Hosta plantaginea</i> (Lamk.) Aschers.	G	#
1051	<i>Lilium martagon</i> L.	G	# 08
1158	<i>Muscari comosum</i> (L.) Mill.	G	# 08
1300	<i>Polygonatum multiflorum</i> (L.) All.	G	#
1739	<i>Veratrum nigrum</i> L.	G	#
1740	<i>Veratrum nigrum</i> L.	G	#
	Linaceae DC.ex Perleb		
1058	<i>Linum altaicum</i> Ledeb. ex Juz.	G	#
	Lythraceae Jaime Saint Hilaire		
1961	<i>Heimia salicifolia</i> Link et Otto	S	#
	Malvaceae Juss.		
101	<i>Althaea armeniaca</i> Ten.	G	#
1997	<i>Hibiscus</i> sp.	S	08
MDa	Uganda (2004): <i>Murchison falls NP, forest on the left bank of Nile close to the falls</i>		
1547	<i>Sida hermafrodita</i> (L.) Rusby	G	#
	Nyctaginaceae Juss.		
1210	<i>Oxybaphus nyctagineus</i> (Michx.) Sweet	G	#
	Onagraceae Adans.		
723	<i>Gaura longiflora</i> Spach	G	#
1176	<i>Oenothera affinis</i> Cambess.	G	# 08
1183	<i>Oenothera missouriensis</i> Sims.	G	#
1185	<i>Oenothera organensis</i> Munz	G	#
2218	<i>Oenothera</i> sp.	G	#
2217	<i>Oenothera versicolor</i> Lehm.	G	#
	Papaveraceae Adans.		
1101	<i>Macleaya cordata</i> (Willd.) R. Br.	G	#
1102	<i>Macleaya microcarpa</i> (Maxim.) Fedde	G	#

2402 AK	Phytolaccaceae R.Br. <i>Phytolacca</i> cf. <i>acinosa</i> Roxb. <i>Indie (2002): Tamilnadu, Nilgiri hills, near the town of Kotagiri</i>	S	08
2139 MD	Plantaginaceae A. L. Jussieu <i>Plantago media</i> L. <i>Czech Republic (2004): Domanice, dry grassland (Bromion), 49°54'37"N, 16°03'26" E, 380 m a.s.l.</i>	N	#
	Poaceae Barnhart		
2382	<i>Alopecurus arundinaceus</i> Poir.	G	#
130	<i>Andropogon gerardii</i> Vitman	G	#
2614	<i>Aneurolepidium pseudoagropyrum</i> (Trin. ex Griseb.) Nevski	G	#
2384	<i>Anthoxanthum odoratum</i> L.	G	#
2816	<i>Arrhaxon hispidus</i> (Thunb.) Makino.	S	08
265	<i>Avenula pratensis</i> (L.) Dum.	G	#
266	<i>Avenula pubescens</i> (Huds.) Dumort.	G	#
2599 MDV	<i>Beckmannia syzigachne</i> (Steud.) Fernald <i>Russia (2005): Siberia, Respublika Sakha (Yakutia), near the village of Segyan-Kyuel (cca 200 km N of Yakutsk), 64°00'11"N, 130°18'33.5" E</i>	S	08
297	<i>Bouteloua curtipendula</i> (Michx.) Torr.	G	#
2387	<i>Bouteloua gracilis</i> Steud.	G	#
2227	<i>Brachypodium pinnatum</i> (L.) P. Beauv.	G	#
2796	<i>Brachypodium sylvaticum</i> (Huds.) P. Beauv.	G	#
301	<i>Bromopsis erecta</i> (Huds.) Fourr.	G	#
2792	<i>Briza australis</i> Prokudin	G	#
1856	<i>Briza subaristata</i> Lam.	G	#
314	<i>Calamagrostis arundinacea</i> (L.) Roth	G	#
2794	<i>Calamagrostis brachytricha</i> Steud.	G	#
448	<i>Ceratochloa cathartica</i> (Vahl) Herter	G	#
2797	<i>Cynosurus echinatus</i> L.	G	#
549	<i>Dactylis polygama</i> Horvátovszky	G	#
563	<i>Deschampsia caespitosa</i> (L.) P. Beauv.	G	#
2595 LF	<i>Deschampsia venustula</i> Parodi <i>Chile (2005): Punta Arenas, Estación Kampenaike</i>	S	08
2817	<i>Eleusine indica</i> (L.) Gaertn.	S	08
2791	<i>Elymus confusus</i> (Roshev.) Tzvelev	G	#
2389	<i>Elymus dahuricus</i> Turcz.	G	#
619	<i>Elymus sibiricus</i> L.	G	#
2396	<i>Elymus virginicus</i> L.	G	#
2611	<i>Eremopyrum triticum</i> (Gaertn.) Nevski	G	#
667	<i>Festuca arundinacea</i> Schreb.	G	#
671	<i>Festuca heterophylla</i> Lamk.	G	#
674	<i>Festuca rubra</i> L.	G	#
2793	<i>Festuca</i> sp.	G	#
2601 A ⁵	<i>Harpachne schimperii</i> A. Rich. <i>Kenya (2006): Maralal</i>	G	#
838	<i>Helictotrichon sempervirens</i> (Vill.) Pilg.	G	#
889	<i>Hordelymus europaeus</i> (L.) Jessen in Harz	G	#
890	<i>Hordeum jubatum</i> L.	G	#
2237	<i>Lolium temulentum</i> L.	G	#
2245	<i>Lolium temulentum</i> L.	G	#
2252	<i>Lolium temulentum</i> L.	G	#
2253	<i>Lolium temulentum</i> L.	G	#
2258	<i>Lolium temulentum</i> L.	G	#
2261	<i>Lolium temulentum</i> L.	G	#
1948 RR	<i>Lophatherum gracile</i> Brongn. <i>Vietnam: Tam Dao, 1 700 m a.s.l.</i>	S	#
1119	<i>Melica altissima</i> L.	G	#
1857 LF	<i>Melica hyalina</i> Doell <i>Chile (2003): province Chillán, Concepción, meadow, on about 37° of S latitude</i>	G	#
1122	<i>Melica transsylvanica</i> Schur	G	#
1123	<i>Melica uniflora</i> Retz.	G	#
1142	<i>Miscanthus sacchariflorus</i> (Maxim.) Hack	G	#
1143	<i>Miscanthus sinensis</i> Andresson. cv. Zebra	G	#
2616	<i>Miscanthus</i> sp.	G	#
2226	<i>Panicum virgatum</i> L.	G	#
1229	<i>Pennisetum alopecuroides</i> (L.) Spreng.	G	#

1608	<i>Spodiopogon sibiricus</i> Trin.	G	#
1620	<i>Stipa bromoides</i> (L.) Dörf.	G	#
1860	<i>Stipa cf. poeppigiana</i> Trin & Rupr.	G	#
2795	<i>Taeniatherum caput-medusae</i> (L.) Nevski	G	#
Polygonaceae Juss.			
1451	<i>Rumex alpinus</i> L.	G	#
1452	<i>Rumex confertus</i> Willd.	G	#
2132	<i>Rumex crispus</i> L.	N	#
AŠ	<i>Czech Republic (2004): Jestřebí, wet ruderal meadow under Konvalinkový hill, 50°36'25" N, 14°36'45" E, 264 m a.s.l.</i>		
2789	<i>Rumex maritimus</i> L.	N	#
MDa	<i>Czech Republic (2007): Kojetín 49°21'37.78" N, 17°17'56.66" E</i>		
2790	<i>Rumex stenophyllus</i> Ledeb.	N	#
MDa	<i>Czech Republic (2007): Kojetín 49°21'37.78" N, 17°17'56.66" E</i>		
1455	<i>Rumex triangulivalvis</i> (Danser) Rech. fil.	G	#
Primulaceae Vent.			
132	<i>Androsace maxima</i> L.	G	# 08
2130	<i>Lysimachia vulgaris</i> L.	N	#
AŠ	<i>Czech Republic (2004): Jestřebí, birch grove under Konvalinkový hill, 50°36'14" N, 14°36'49" E, 262 m a.s.l.</i>		
Ranunculaceae Adans.			
37	<i>Actaea pachypoda</i> Elliott	G	# 08
137	<i>Anemone rivularis</i> Buch.-Ham. (var. <i>flore-minore</i> Maxim.)	G	#
139	<i>Anemone virginiana</i> L.	G	#
156	<i>Aquilegia glandulosa</i> Fisch. ex Link.	G	#
470	<i>Clematis integrifolia</i> L.	G	#
475	<i>Clematis recta</i> L.	G	#
2138	<i>Clematis vitalba</i> L.	N	#
MD	<i>Czech Republic (2004): Domanice, forest margin, 49°54'37" N, 16°03'26" E, 380 m a.s.l.</i>		
2786	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2007): Luhačovice - fence by a house in the town, 49°06'08.16" N, 17°45'23.81" E</i>		
2787	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2007): Brno - Černovice - fence by a house in the town, 49°11'00.93" N 16°38'08.96" E</i>		
2788	<i>Clematis vitalba</i> L.	N	#
EK	<i>Czech Republic (2008): Rychnov nad Kněžnou - fence by a park around castle, 50°10'01.07" N, 16°16'46.23" E</i>		
2814	<i>Clematis vitalba</i> L.	N	08
EK	<i>Czech Republic (2008): Prostějov - fence by railway station, 49°18'43.45" N, 17°06'41.44" E</i>		
2815	<i>Clematis vitalba</i> L.	N	08
EK	<i>Czech Republic (2008): Držovice - fence by family house, 49°29'0.96" N, 17°07'19.09" E</i>		
495	<i>Consolida regalis</i> S. F. Gray	G	# 08
556	<i>Delphinium brunonianum</i> Royle	G	#
628	<i>Eranthis hyemalis</i> (L.) Salisb.	G	#
1373	<i>Pulsatilla grandis</i> Wenderoth	G	#
1375	<i>Pulsatilla pratensis</i> (L.) Mill.	G	#
1396	<i>Ranunculus acris</i> L.	G	#
1397	<i>Ranunculus arvensis</i> L.	G	#
1399	<i>Ranunculus gramineus</i> L.	G	#
1400	<i>Ranunculus illyricus</i> L.	G	#
Resedaceae Martinov			
1408	<i>Reseda luteola</i> L.	G	#
Rosaceae Adans.			
57	<i>Agrimonia coreana</i> Nakai	G	#
58	<i>Agrimonia eupatoria</i> L.	G	#
59	<i>Agrimonia japonica</i> (Miq.) Koidz.	G	#
60	<i>Agrimonia procera</i> Wallr.	G	#
61	<i>Agrimonia repens</i> L.	G	#
62	<i>Agrimonia striata</i> Michx.	G	#

597	<i>Dryas octopetala</i> L.	G	#
681	<i>Filipendula ulmaria</i> (L.) Maxim. subsp. <i>picbaueri</i> (Podp.) Smejkal	G	#
774	<i>Gillenia trifoliata</i> (L.) Moench	G	# 08
1315	<i>Potentilla arguta</i> Pursh	G	#
1326	<i>Potentilla glandulosa</i> Lindl.	G	#
1330	<i>Potentilla inclinata</i> Vill.	G	# 08
1334	<i>Potentilla multifida</i> L.	G	# 08
1338	<i>Potentilla pennsylvanica</i> L.	G	#
1339	<i>Potentilla plattensis</i> Nutt.	G	# 08
1346	<i>Potentilla thuringiaca</i> Bernh. ex Link	G	#
1349	<i>Prinsepia uniflora</i> Batalin	G	#
1483	<i>Sanguisorba canadensis</i> L.	G	#
1485	<i>Sanguisorba minor</i> Scop.	G	#
1487	<i>Sanguisorba tenuifolia</i> Fisch. ex Link	G	#
Rubiaceae Juss.			
2128	<i>Galium boreale</i> L. subsp. <i>boreale</i>	N	#
A ⁵	Czech Republic (2004): Jestřebí, moorland meadow between Konvalinkový hill and railways, 50°36'21" N, 14°37'01" E, 264 m a.s.l.		
Rutaceae Juss.			
585	<i>Dictamnus albus</i> L.	G	# 08
1457	<i>Ruta graveolens</i> L.	G	#
Sapindaceae Juss.			
984	<i>Koelreuteria paniculata</i> Laxm.	G	#
Salicaceae Mirb.			
1458	<i>Salix acutifolia</i> Willd.	G	#
Scrophulariaceae Juss.			
589	<i>Digitalis grandiflora</i> Mill.	G	#
792	<i>Gratiola officinalis</i> L.	G	#
1231	<i>Penstemon barbatus</i> (Cav.) Roth.	G	#
1234	<i>Penstemon hirsutus</i> (L.) Willd.	G	# 08
1775	<i>Veronica gentianoides</i> Vahl	G	# 08
1783	<i>Veronica teucrium</i> L.	G	#
1784	<i>Veronica urticifolia</i> Jacq.	G	#
Solanaceae Adans.			
2243	<i>Atropa bella-dona</i> L.	G	#
554	<i>Datura stramonium</i> L.	G	#
2230	<i>Datura stramonium</i> L.	G	#
2242	<i>Hyoscyamus niger</i> L.	G	#
2249	<i>Nicotiana glutinosa</i> L.	G	#
2250	<i>Nicotiana tabacum</i> L.	G	#
2078	<i>Solanum aculeastrum</i> Dunal	S	#
MDa	Kenya (2004): Kakamega forest, near the village Shinyalu		
2234	<i>Withania somnifera</i> (L.) Dunal	G	#
Taxodiaceae Saporta			
535	<i>Cryptomeria japonica</i> D. Don	G	#
Valerianaceae			
1738	<i>Valerianella olitoria</i> (L.) Pollich	G	#
Verbenaceae Adans.			
1747	<i>Verbena officinalis</i> L.	G	#
1748	<i>Verbena stricta</i> Vent.	G	#
Zingiberaceae Martinov			
2457	<i>Roscoea alpina</i> Royle	S	08
2463	<i>Roscoea longifolia</i> Baker	S	08

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INDEX SEMINUM 2008

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Dr. Ivana Doležalová
Dr. Eva Křístková
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Head of Botanic garden

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Agreement

on the supply of plant material by Botanic garden, Palacký University in Olomouc:

The Botanic 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 spirit of the Convention on Biological Diversity (Rio de Janeiro, 1992), the Convention on International Trade in Endangered Species (CITES) and in compliance with all relevant conventions and laws relating to the protection of biological diversity.

The seed material provided to you by our Botanic Garden can be used exclusively for education, scientific and research purposes, and serve interests of environmental protection. By your order you confirm, that in the work with provided seed and plant material, you accept all conditions and rules given by above mentioned conventions.

Desiderata 2009

Your address:

We would like to ask you to order a maximum of 20 samples this year.
Gemmae of items 2266 and 2305 will be available during autumn 2009.
Please return Desiderata until April 30th 2009 to:

Botanic garden

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